

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2465 - L2 Version 3
Chandra X-Ray Center

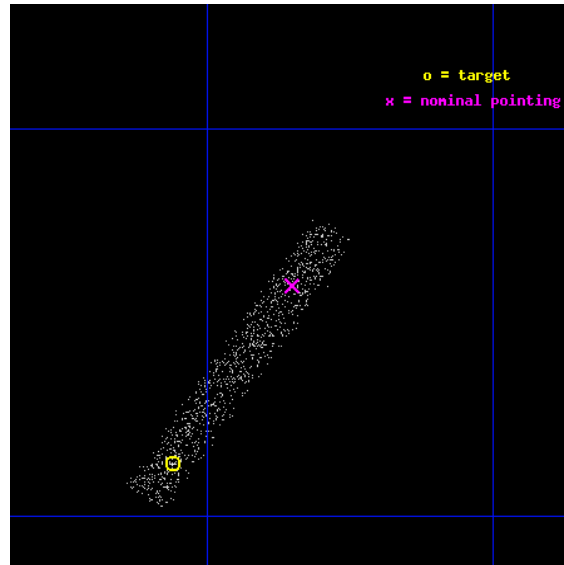
L2 Processing Date : Sep 16 2012

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1 Front

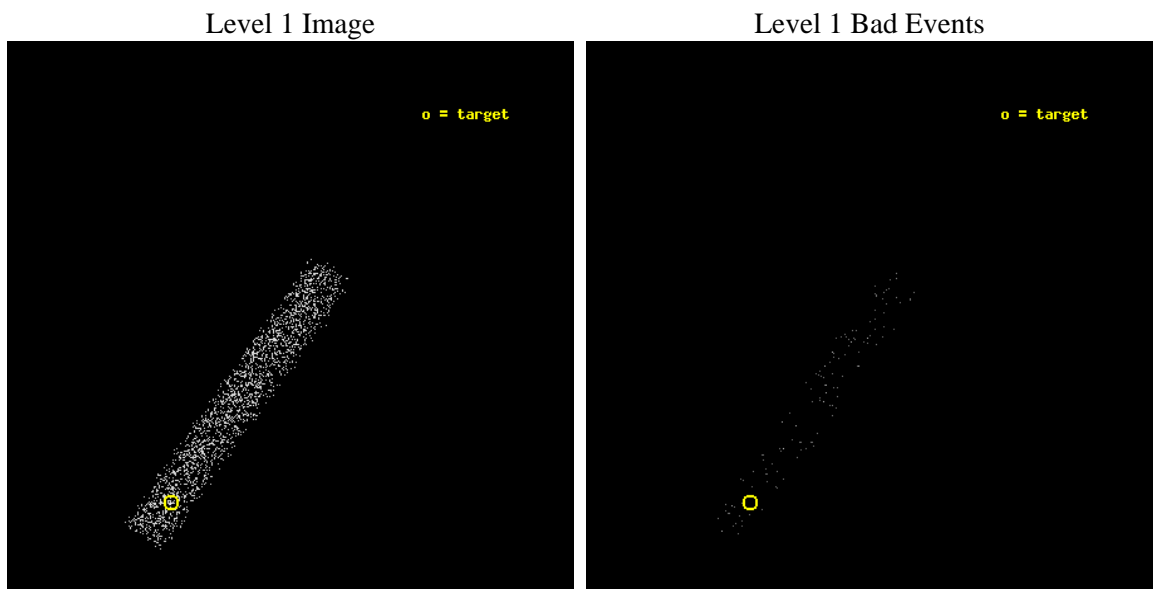
seq_num	300054	Sequence number
obs_id	2465	Observation id
title	THE RECURRENT NOVA CI AQL	Proposal title
observer	Dr. Jochen Greiner	Principal investigator
object	CI AQL	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	283.015	Observer's specified target RA [deg]
dec_targ	-1.4775	Observer's specified target Dec [deg]
ra_nom	282.96291529925	Nominal RA [deg]
dec_nom	-1.4009870508139	Nominal Dec [deg]
roll_nom	125.37822959374	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.0000320673	Sum of GTIs [s]
livetime	1951.7504372096	Livetime [s]
ontime7	2152.0000320673	Sum of GTIs [s]
l2events	1137	Number of level 2 events



2 OBI

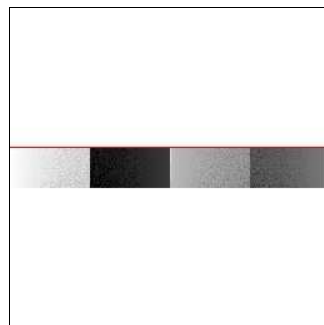
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2152.0000320673	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	2152.0000320673	Sum of GTIs [s]
date	2012-09-17T01:02:07	Date and time of file creation	l1events	3857	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

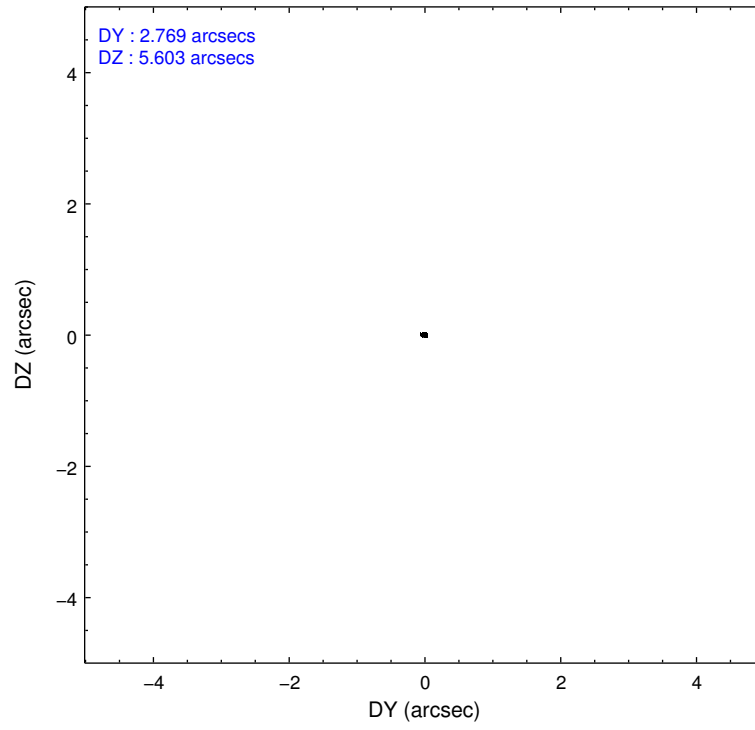
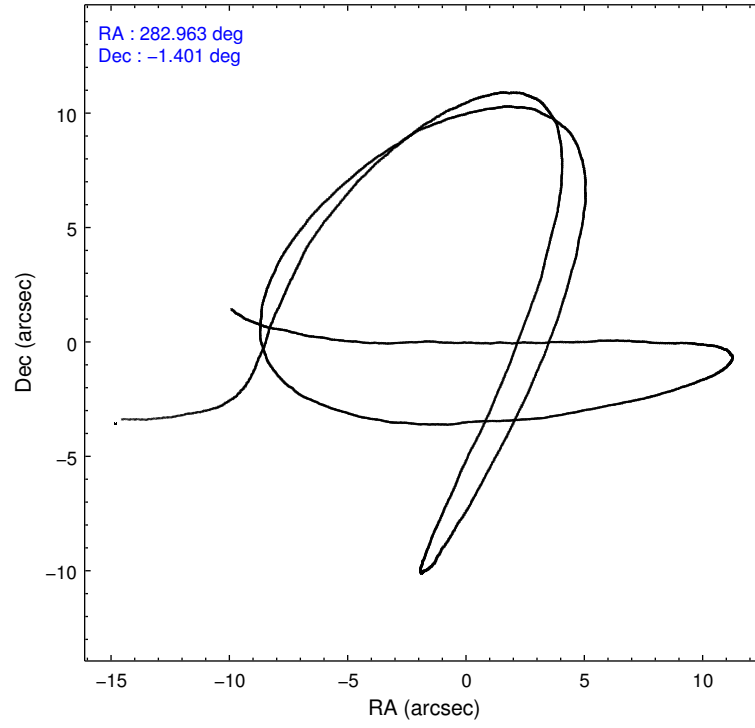
	ccd 7
level 1 events	3857
rejected events	2668
rejected %	69%

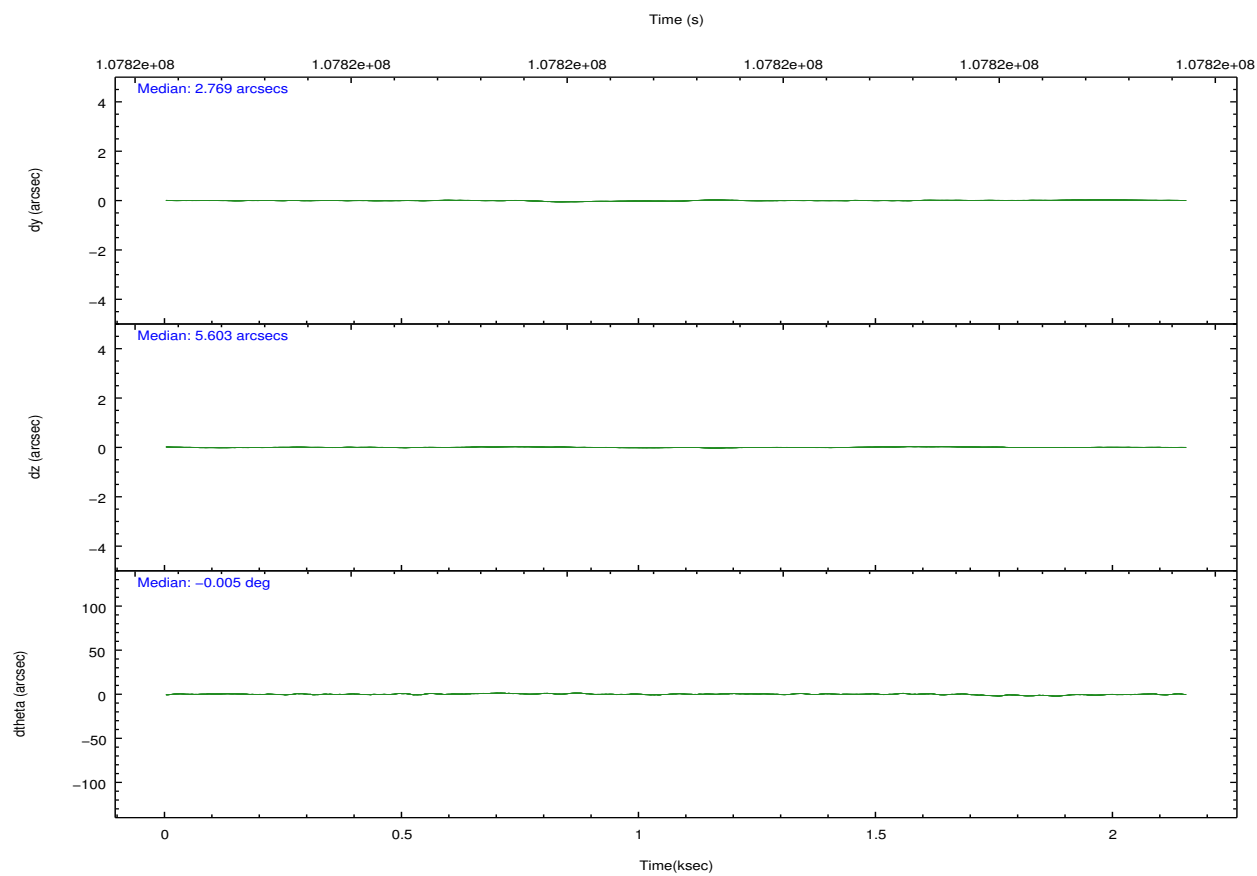
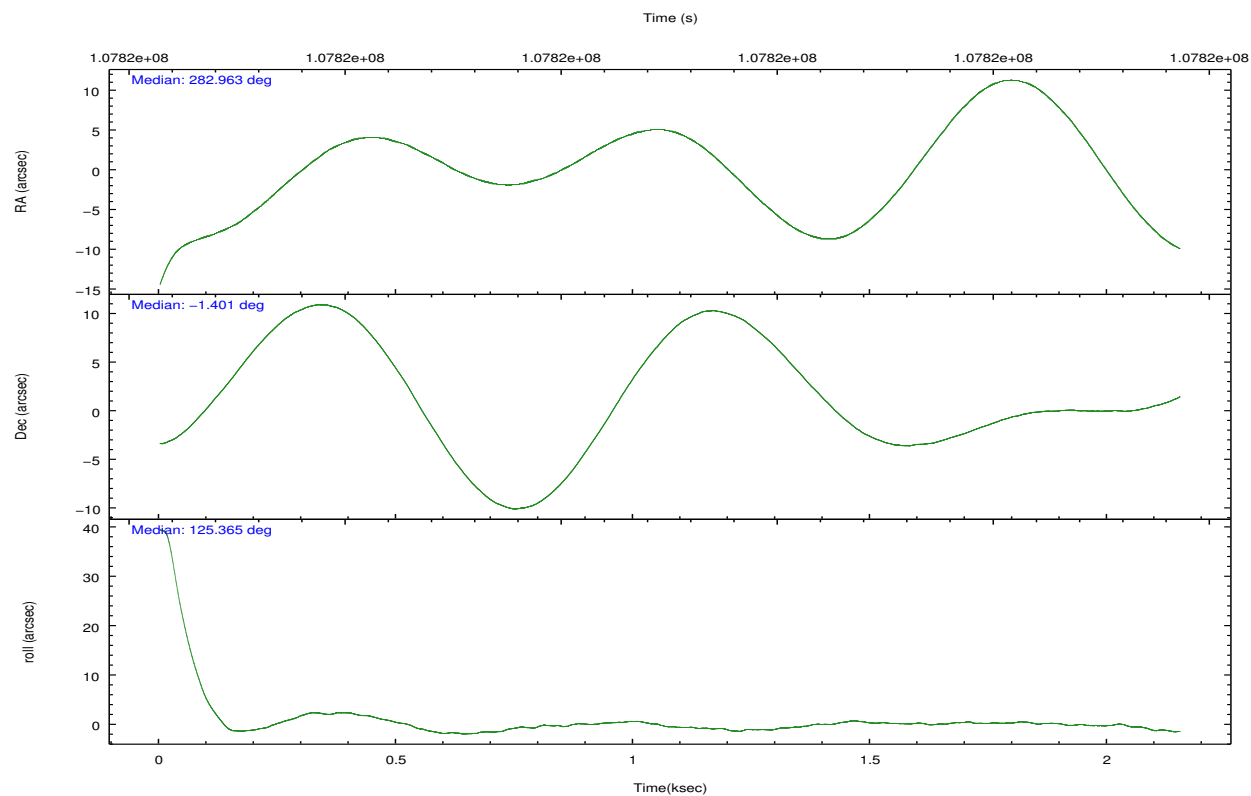
	ccd 7
grade 0 events	185
	4%
grade 1 events	0
	0%
grade 2 events	361
	9%
grade 3 events	247
	6%
grade 4 events	232
	6%
grade 5 events	364
	9%
grade 6 events	773
	20%
grade 7 events	1695
	43%

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	282.987989	282.9629152992521	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-1.412092	-1.400987050813908	Subarray start row	449	449
[deg] Pointing Roll	125.221965	125.3782295937425	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	107815332.184000	107814079.38347			
Observation start date	2001-06-01T20:41:08	2001-06-01T20:21:19			
[s] Observation end time (MET)	107817332.184000	107818278.29613			
Observation end date	2001-06-01T21:14:28	2001-06-01T21:31:18			
Read mode	TIMED	TIMED			

2.3 Aspect



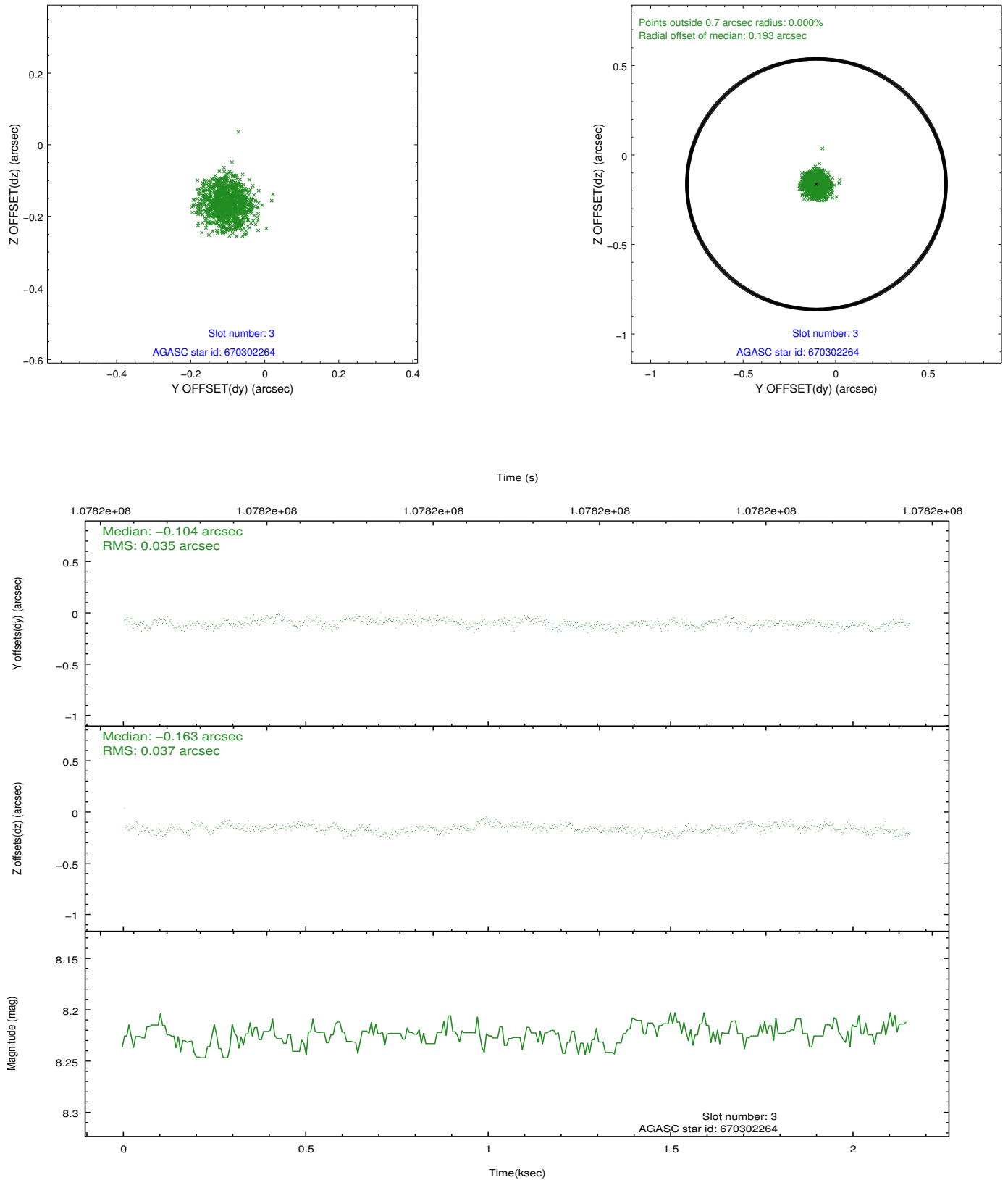


Slot Statistics

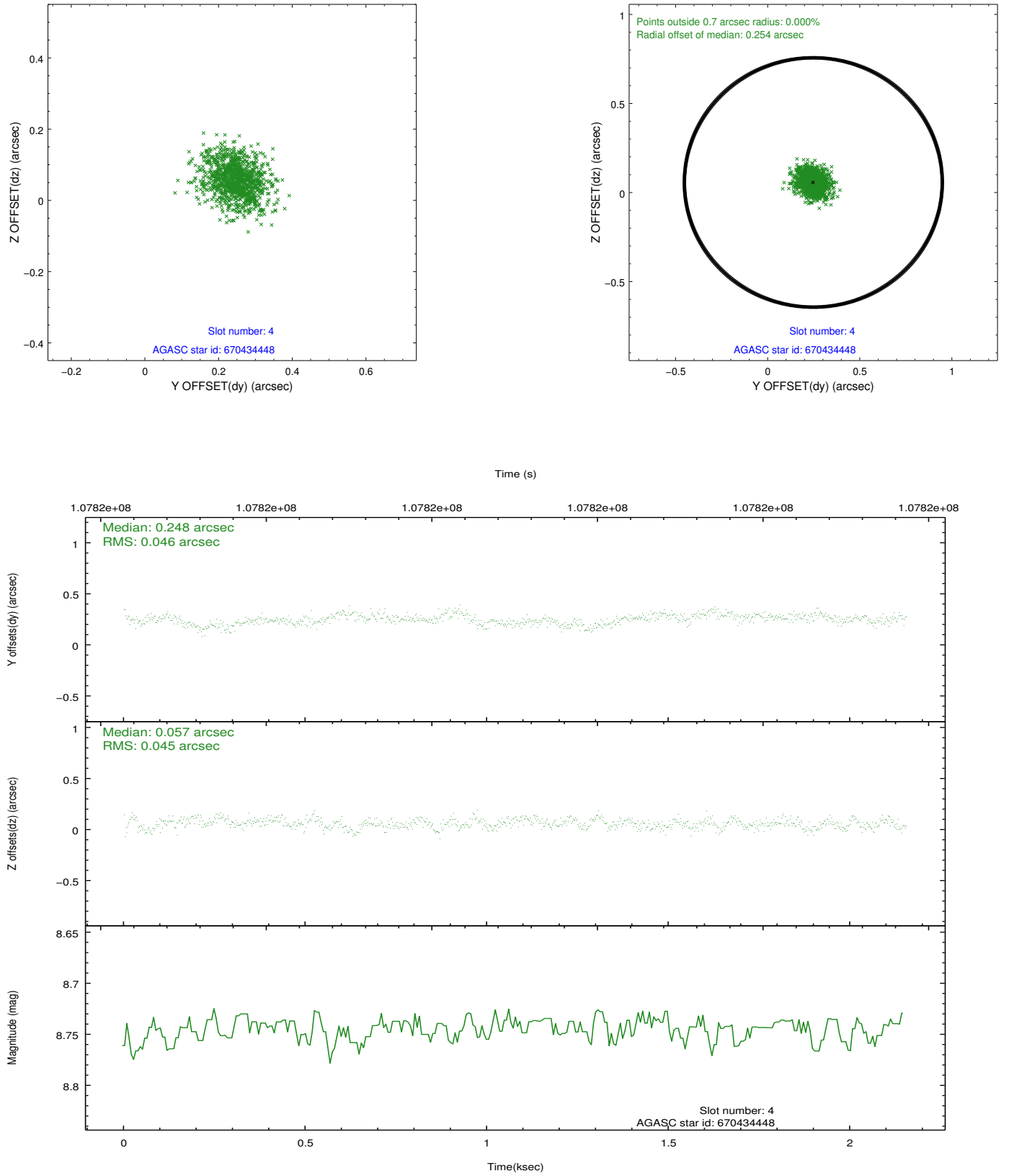
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	525	-0.087	-0.031	0.009	0.017	0.000000	0.000000	57.73	-1855.78
1	FID	ACIS-S-4	7.20	525	-0.020	0.061	0.009	0.014	0.000000	0.000000	2158.03	178.52
2	FID	ACIS-S-5	7.24	525	0.080	-0.019	0.007	0.011	0.000000	0.000000	-1804.26	175.75
3	GUIDE	670302264	8.22	1050	-0.104	-0.163	0.056	0.085	282.998490	-1.707937	-892.97	583.13
4	GUIDE	670434448	8.74	1051	0.248	0.057	0.068	0.113	283.522579	-1.306427	-800.18	-1790.48
5	GUIDE	670307416	8.95	1050	-0.009	-0.104	0.066	0.111	282.888823	-1.552742	-209.43	581.79
6	GUIDE	670302816	9.19	1051	0.031	-0.099	0.085	0.136	282.920827	-1.759792	-884.43	919.71
7	GUIDE	670438848	9.50	1050	-0.169	0.313	0.129	0.197	283.647676	-1.296382	-1030.72	-2178.60

2.4 Star Slots

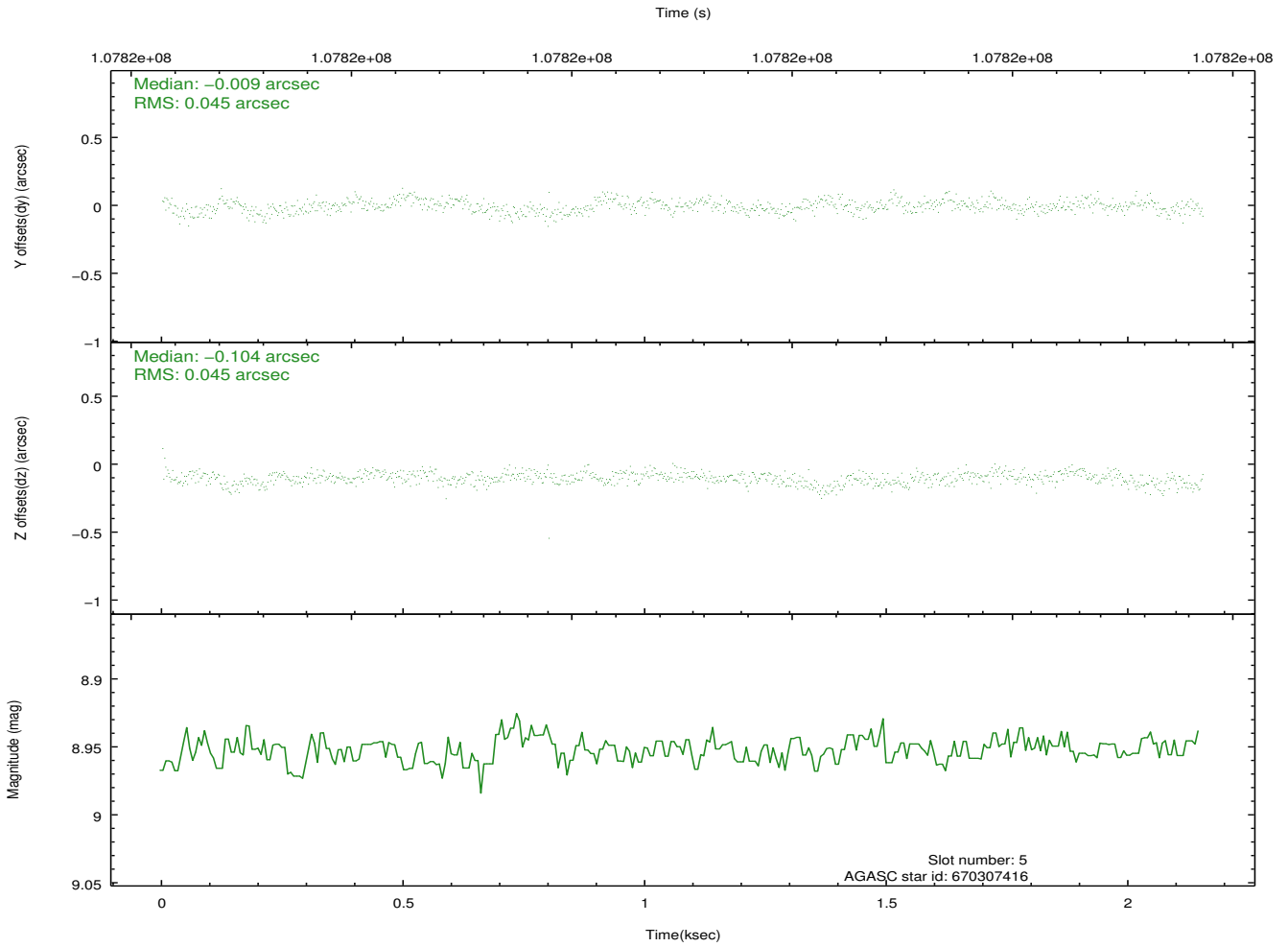
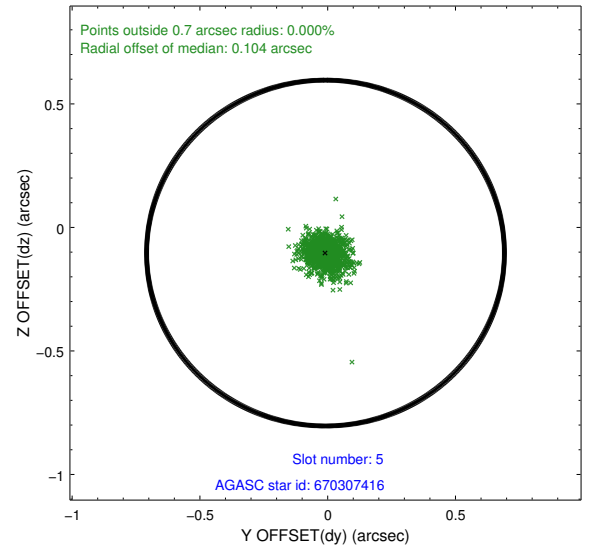
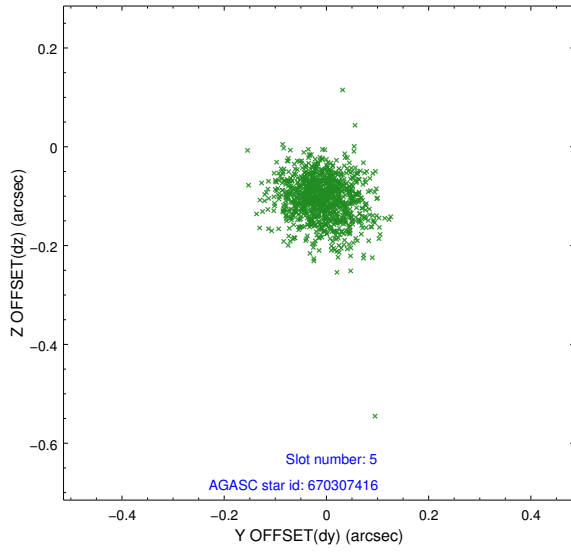
2.4.1 Slot 3



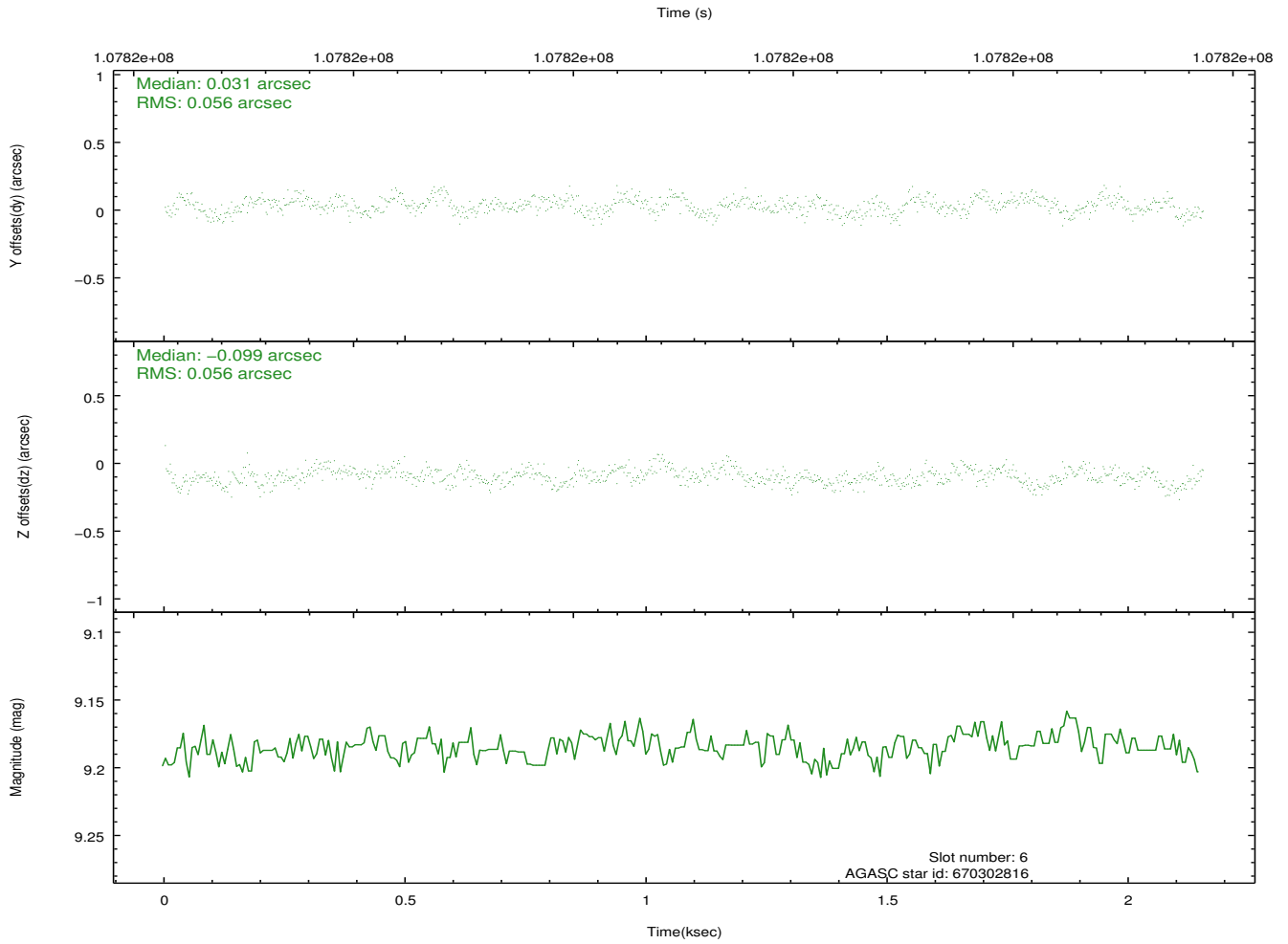
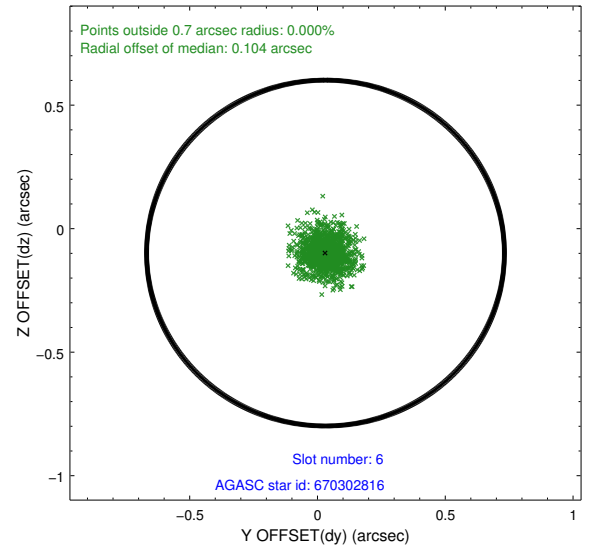
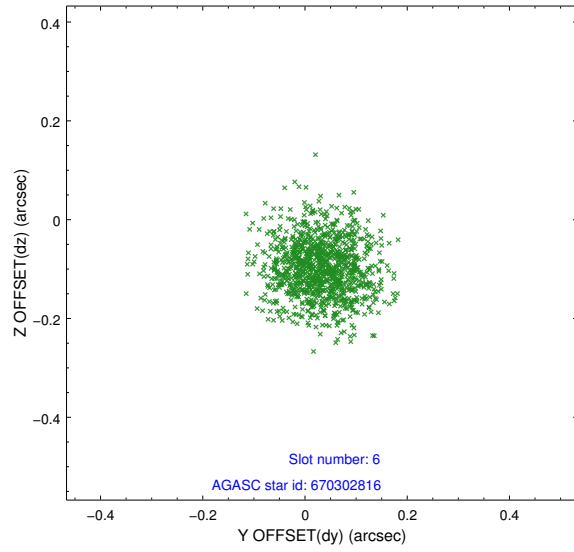
2.4.2 Slot 4



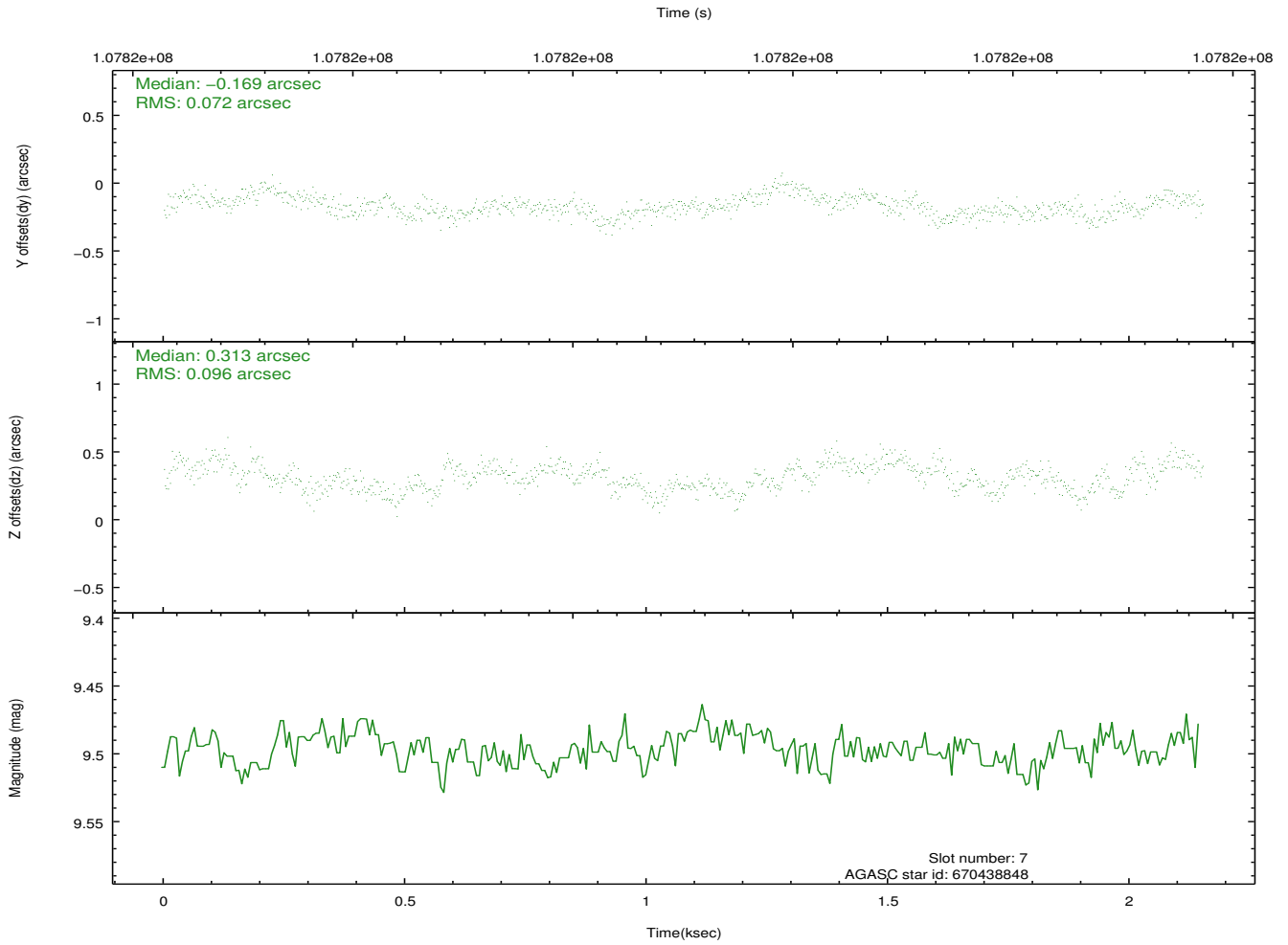
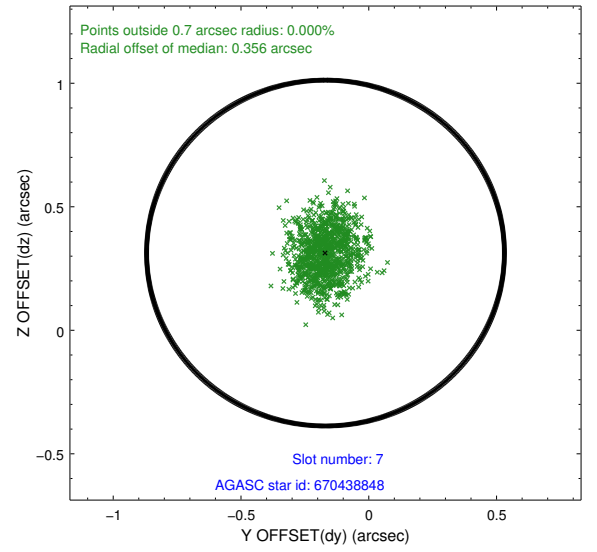
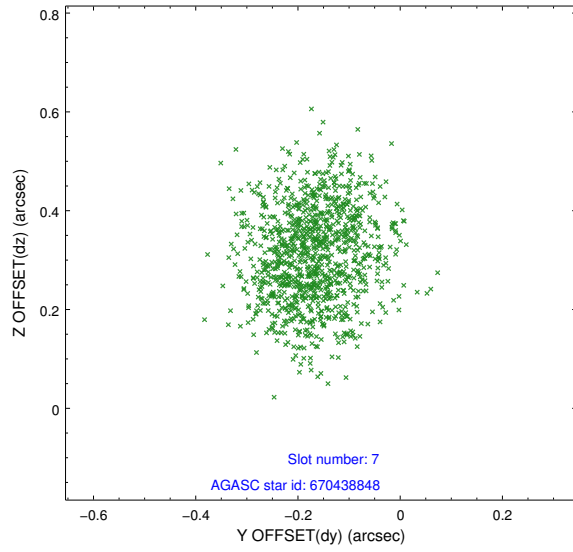
2.4.3 Slot 5



2.4.4 Slot 6

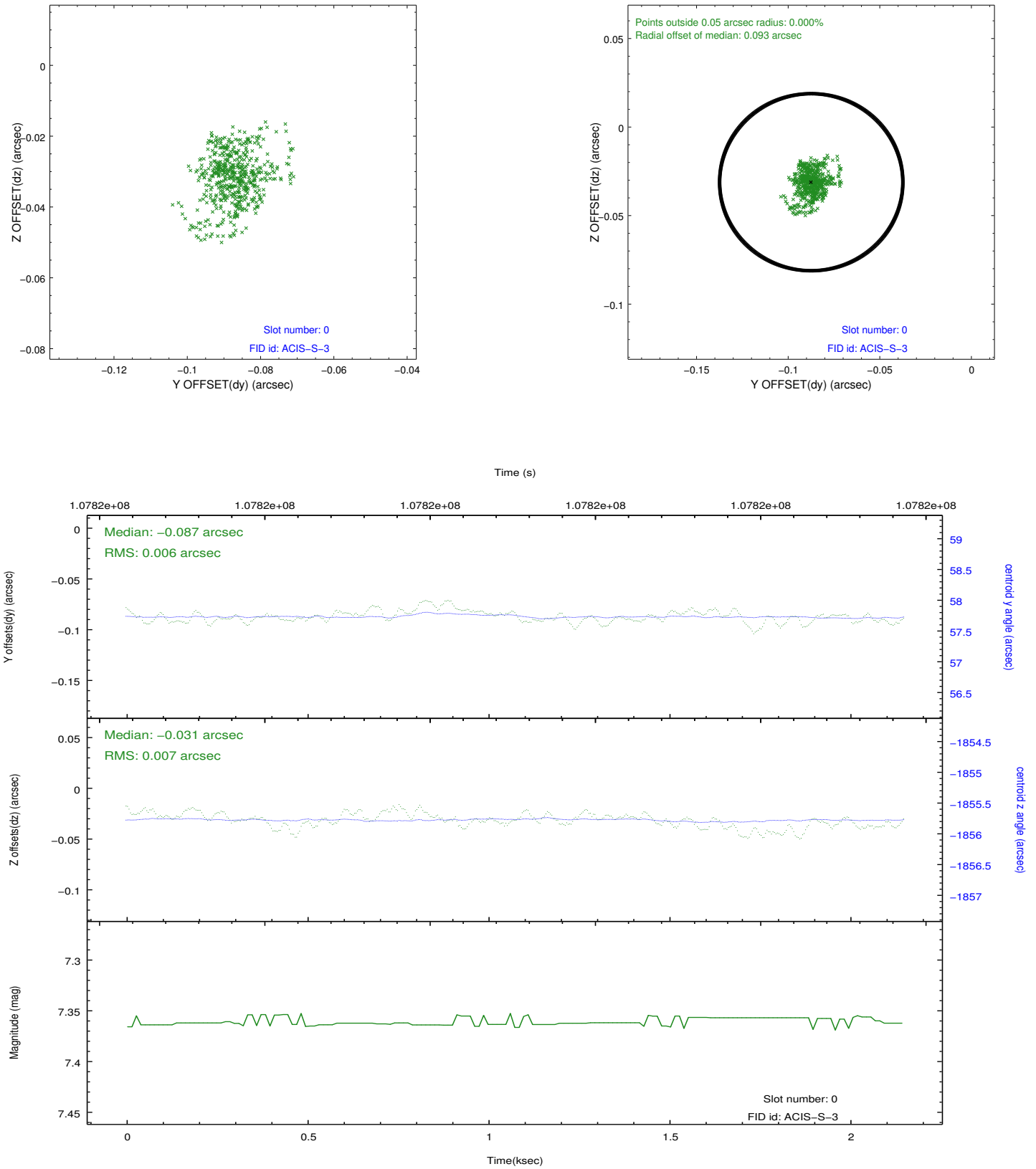


2.4.5 Slot 7

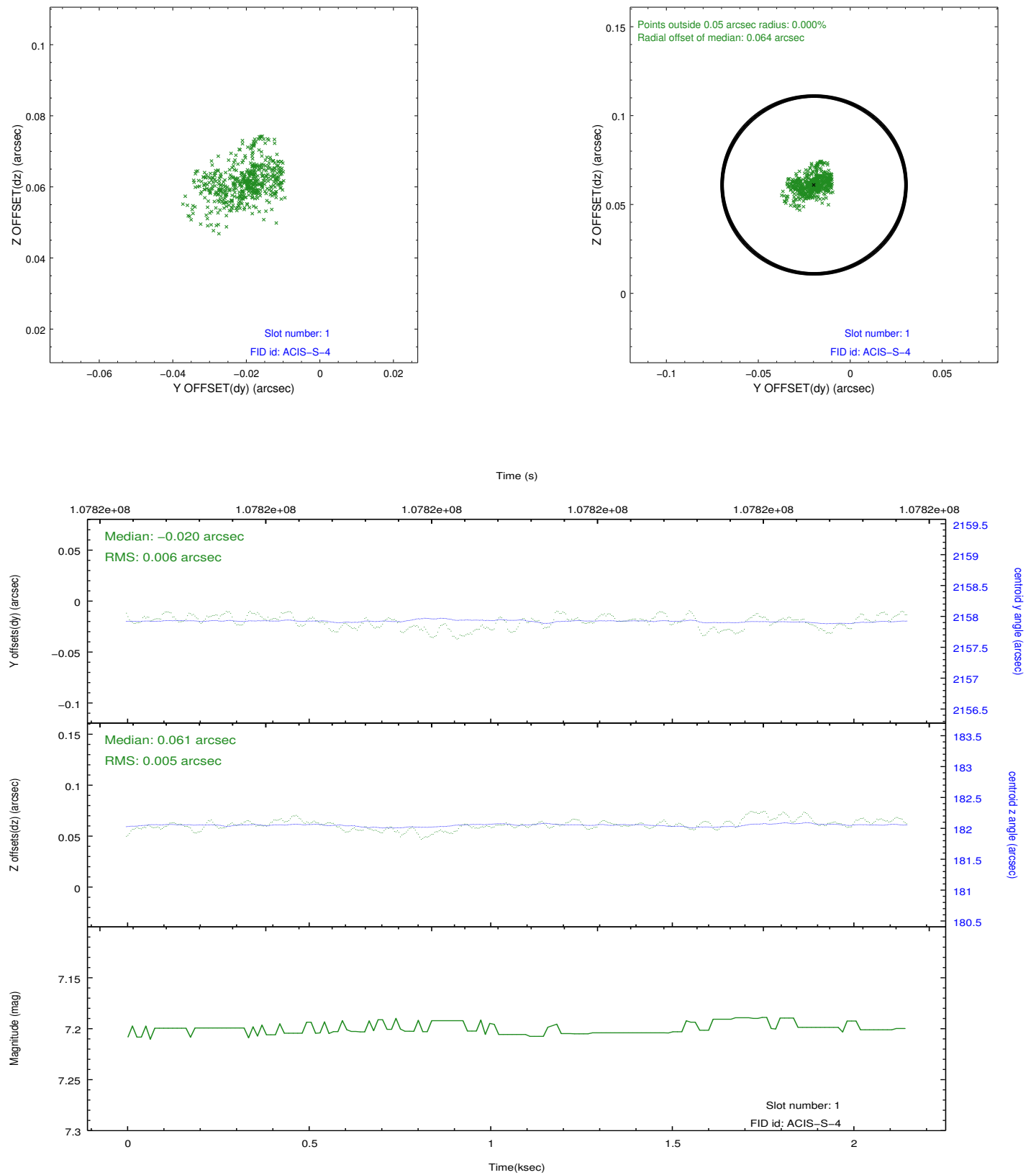


2.5 FID Slots

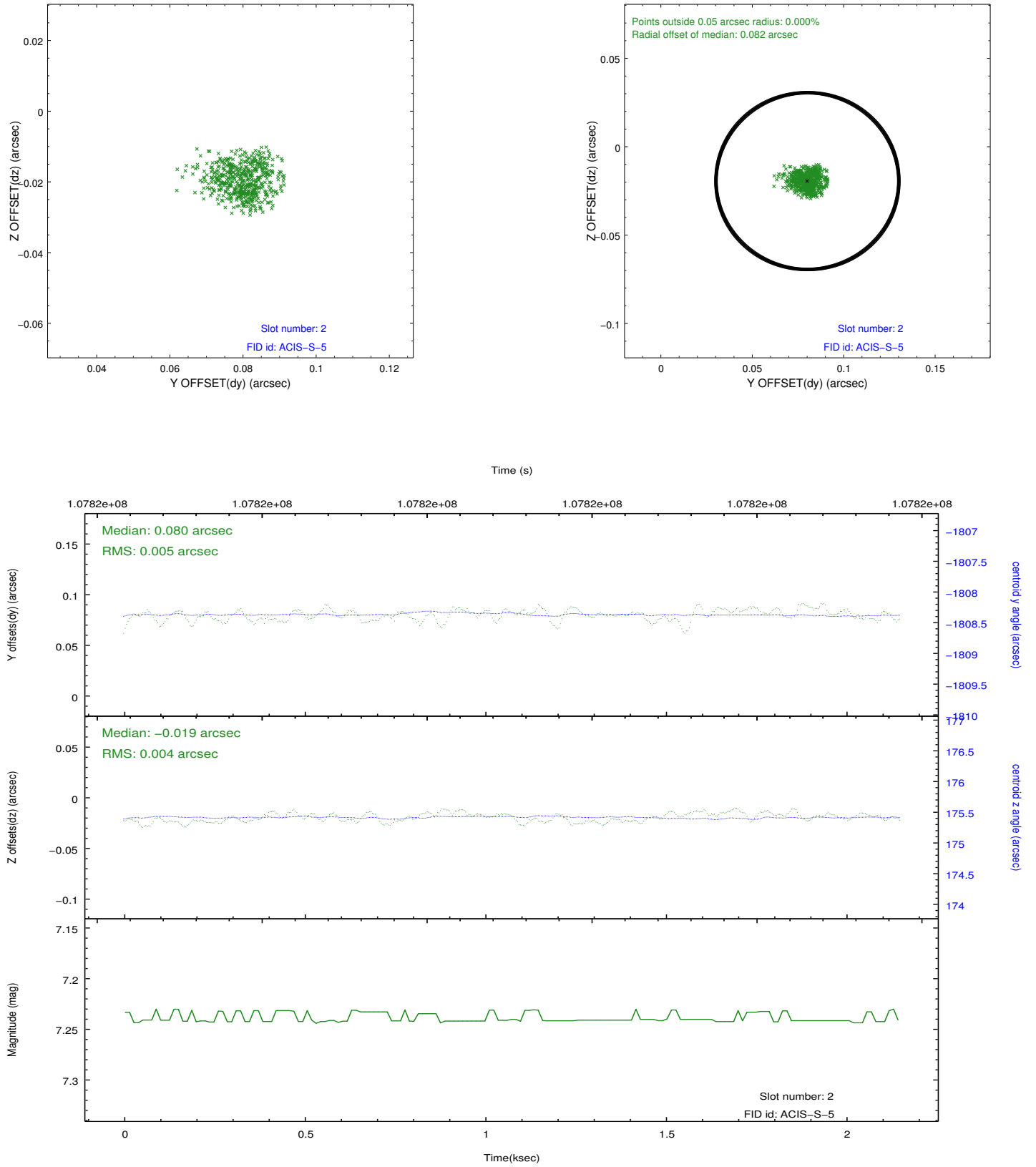
2.5.1 Slot 0



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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.149

A.2 Comments