

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4798 - L2 Version 3
Chandra X-Ray Center

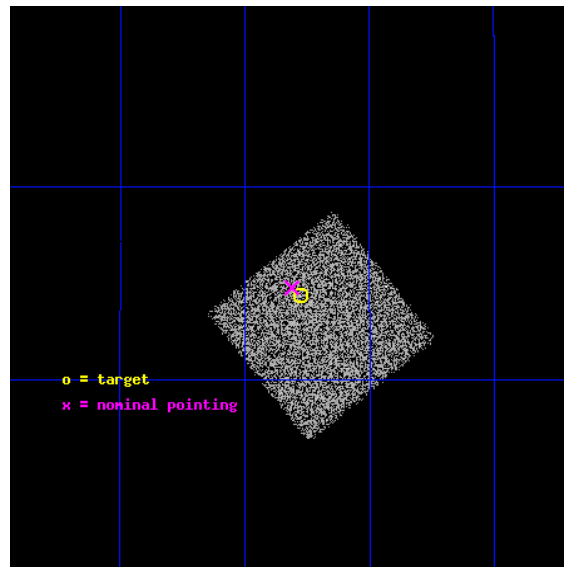
L2 Processing Date : Nov 10 2012

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1 Front

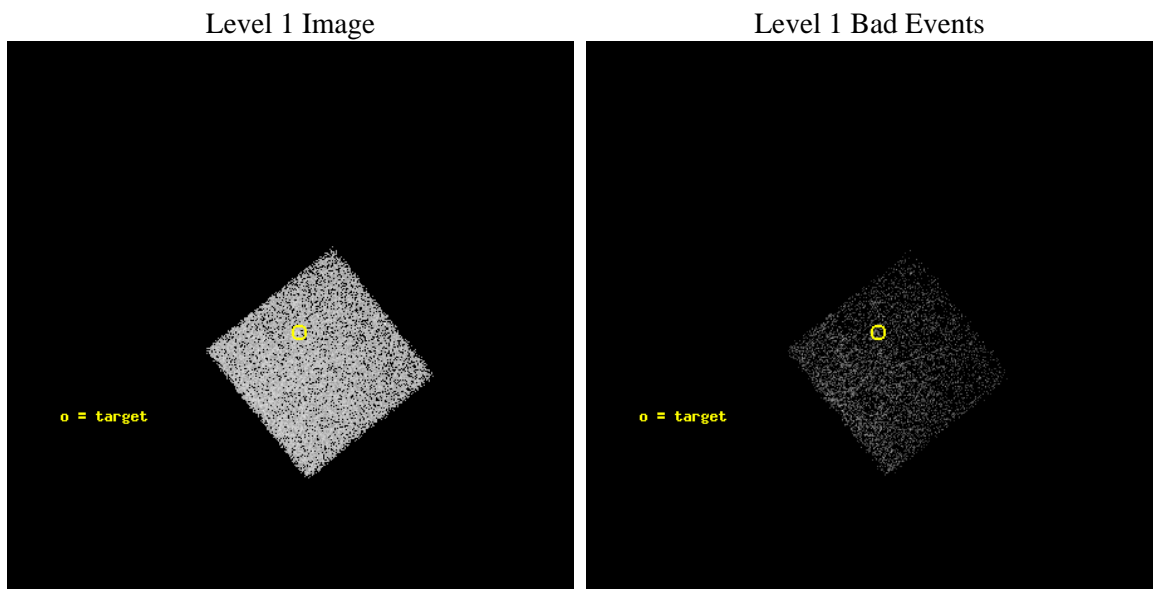
seq_num	700881	Sequence number
obs_id	4798	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1610-3900	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	243.069583	Observer's specified target RA [deg]
dec_targ	29.573111	Observer's specified target Dec [deg]
ra_nom	243.07796562166	Nominal RA [deg]
dec_nom	29.579679576306	Nominal Dec [deg]
roll_nom	51.443098459476	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4446.0	Sum of GTIs [s]
livetime	4385.9995264778	Livetime [s]
ontime7	4446.0	Sum of GTIs [s]
l2events	14708	Number of level 2 events



2 OBI

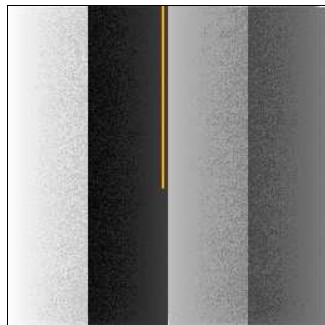
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3924.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4446.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	4446.0	Sum of GTIs [s]
date	2012-11-10T21:59:30	Date and time of file creation	l1events	37054	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

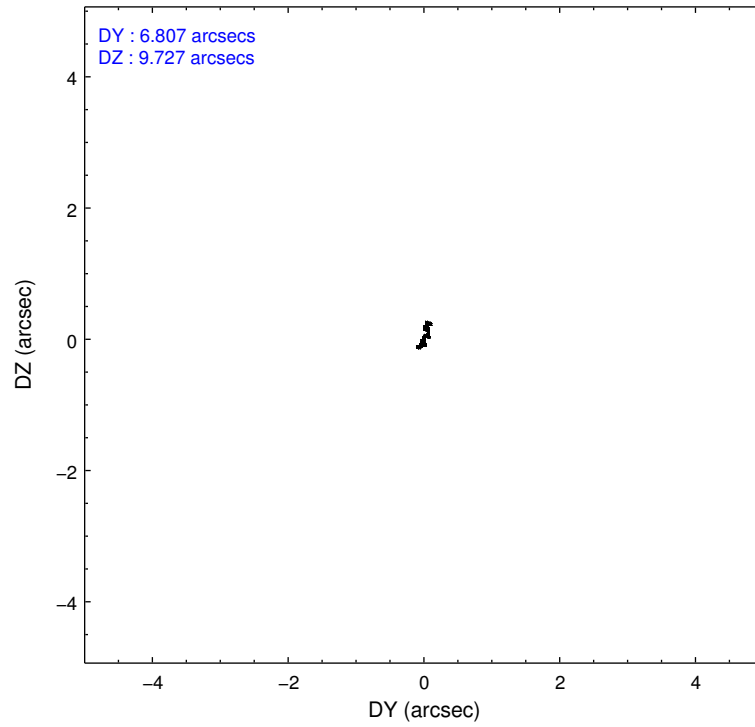
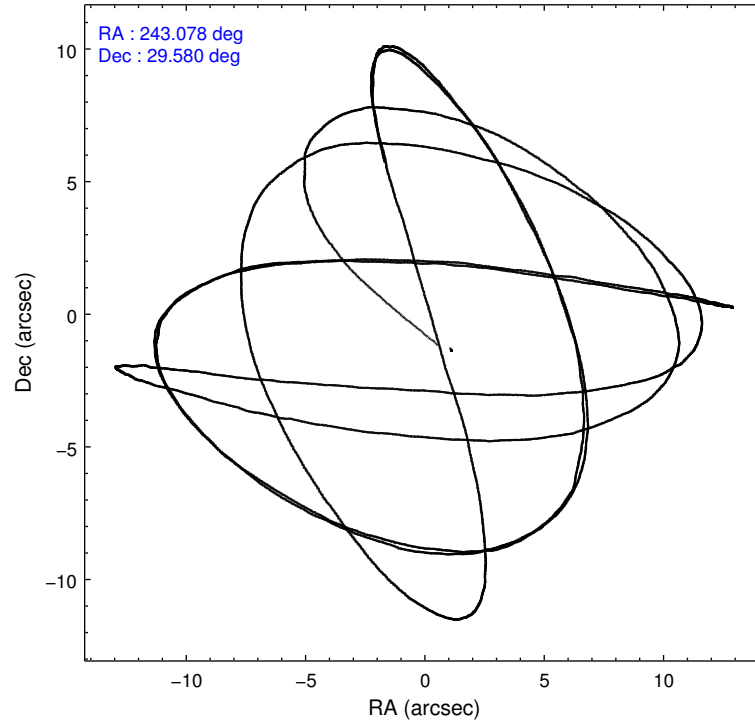
	ccd 7
level 1 events	37054
rejected events	21969
rejected %	59%

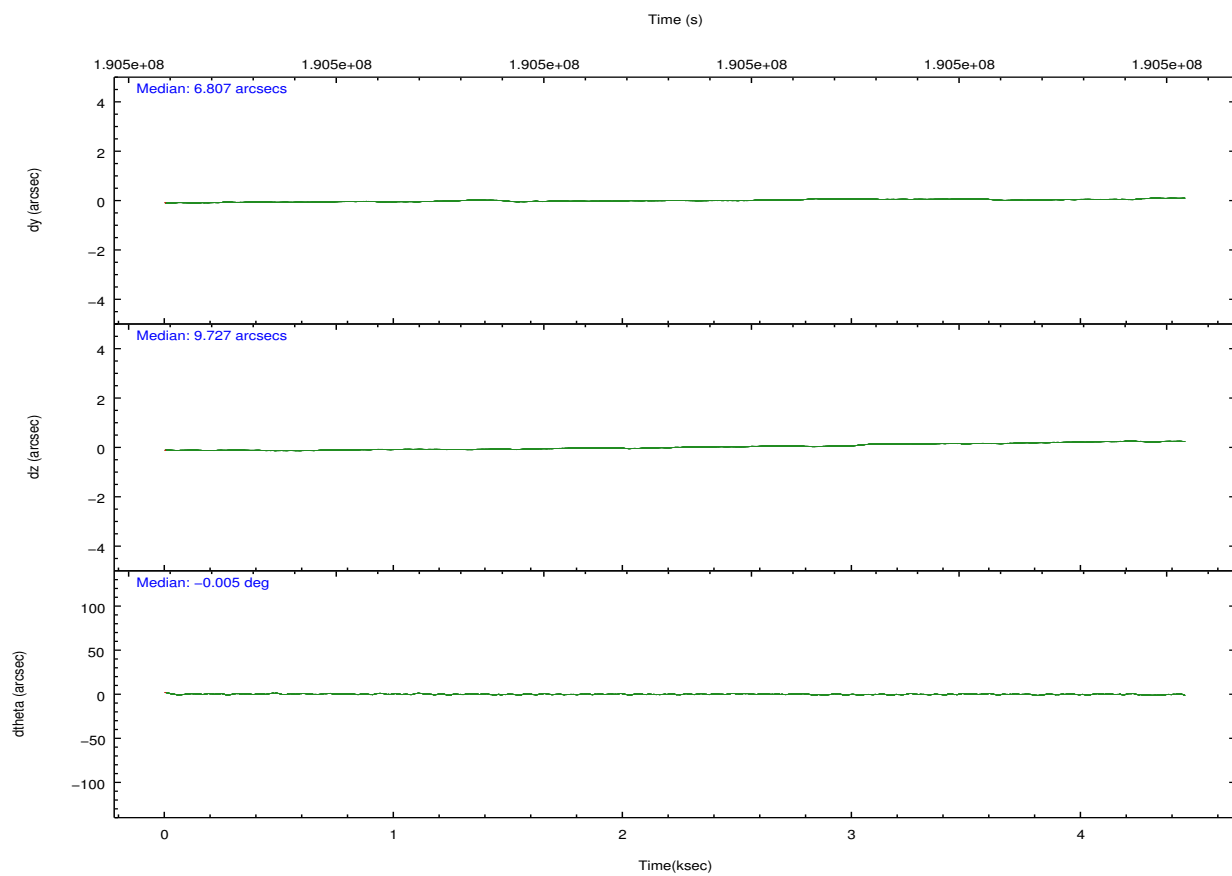
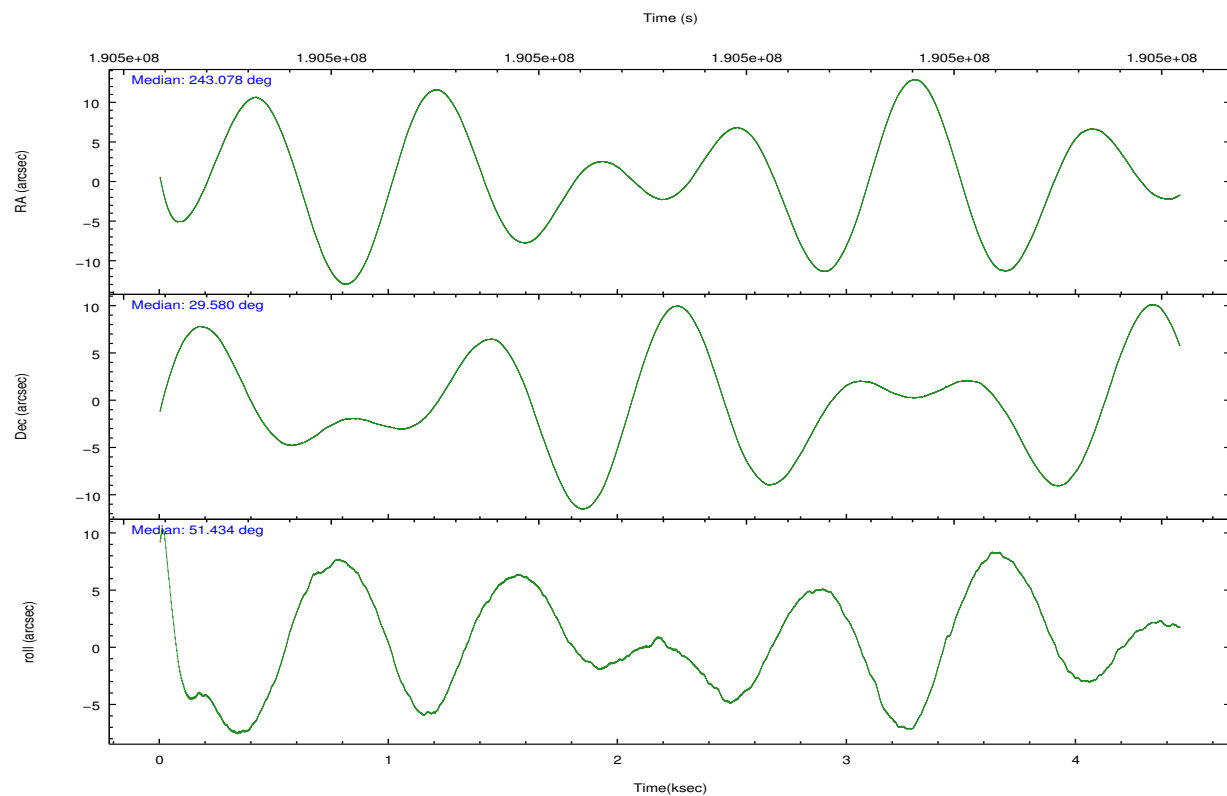
	ccd 7
grade 0 events	1588
	4%
grade 1 events	31
	0%
grade 2 events	3072
	8%
grade 3 events	1415
	3%
grade 4 events	1365
	3%
grade 5 events	3479
	9%
grade 6 events	8035
	21%
grade 7 events	18069
	48%

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	243.073697	243.0779656216649	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.552519	29.57967957630601	Alternating exposures requested	N	N
[deg] Pointing Roll	51.288546	51.443098459476	[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)	190500932.184000	190499800.62508			
Observation start date	2004-01-14T20:54:28	2004-01-14T20:36:40			
[s] Observation end time (MET)	190504856.184000	190505260.80032			
Observation end date	2004-01-14T21:59:52	2004-01-14T22:07:40			
Read mode	TIMED	TIMED			

2.3 Aspect



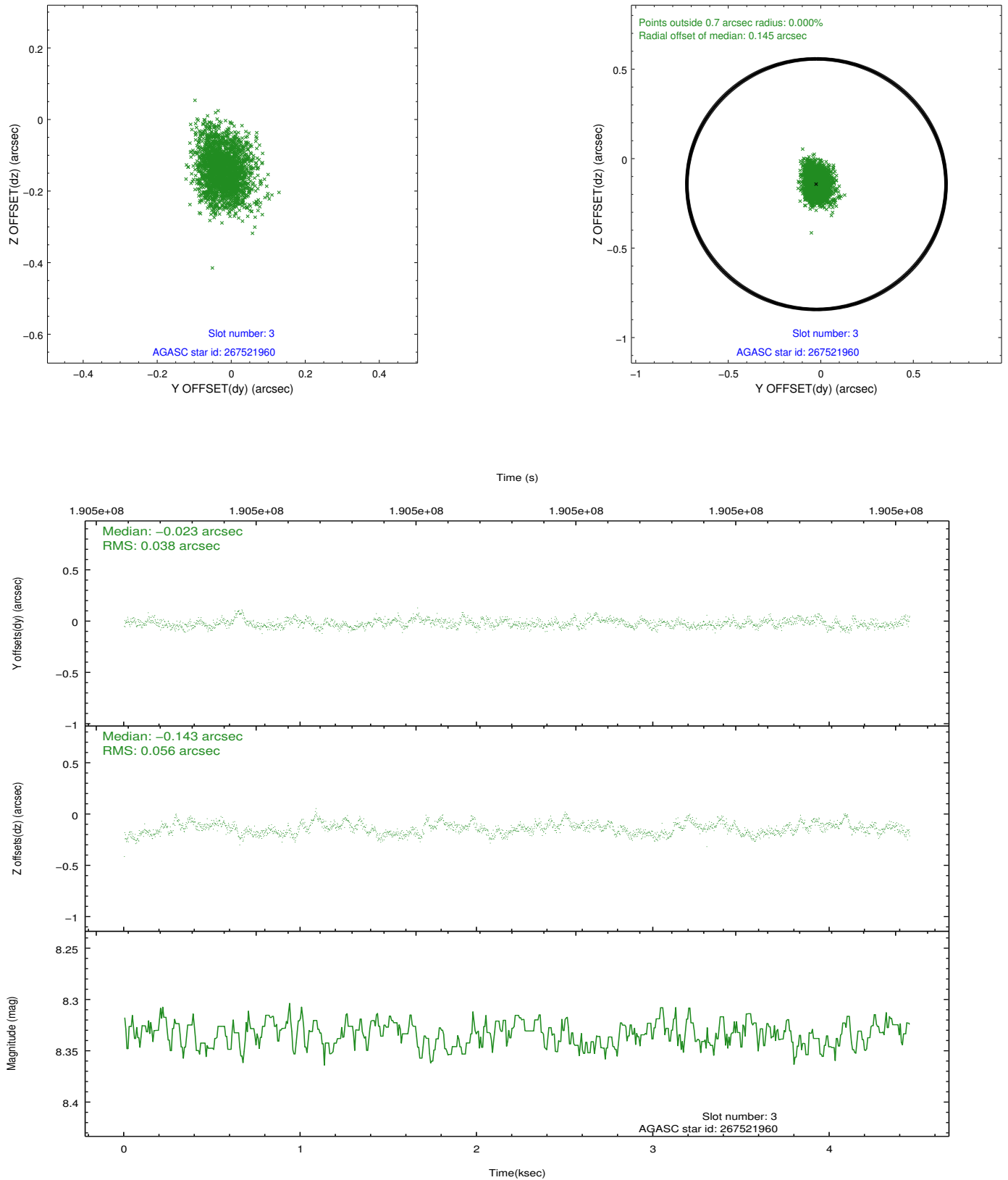


Slot Statistics

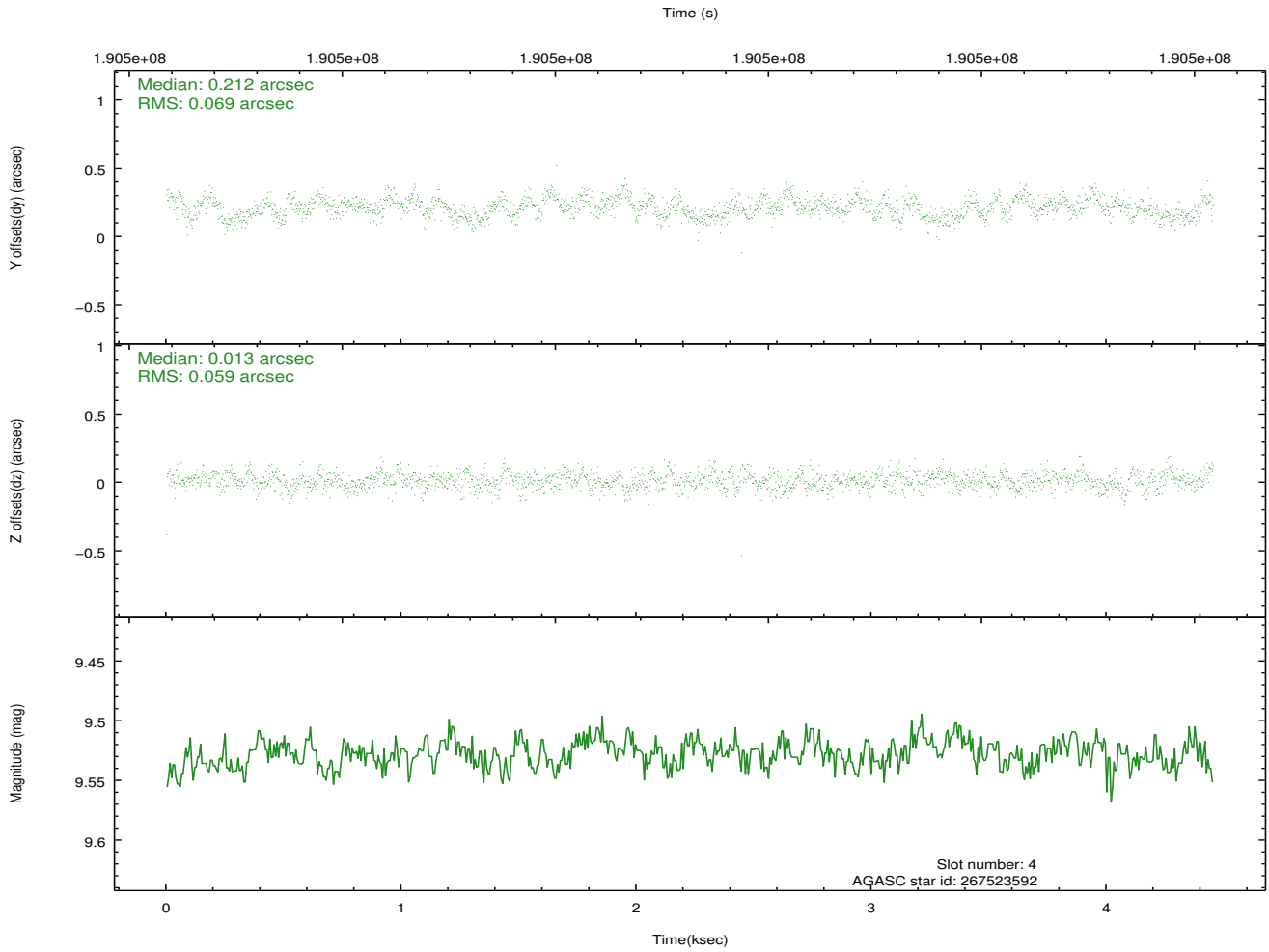
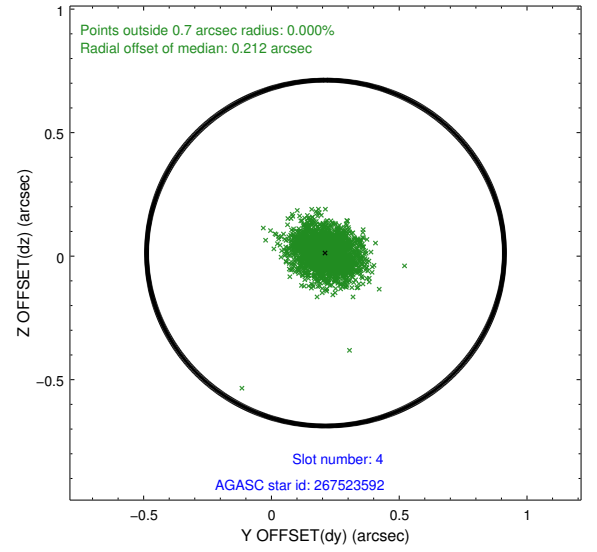
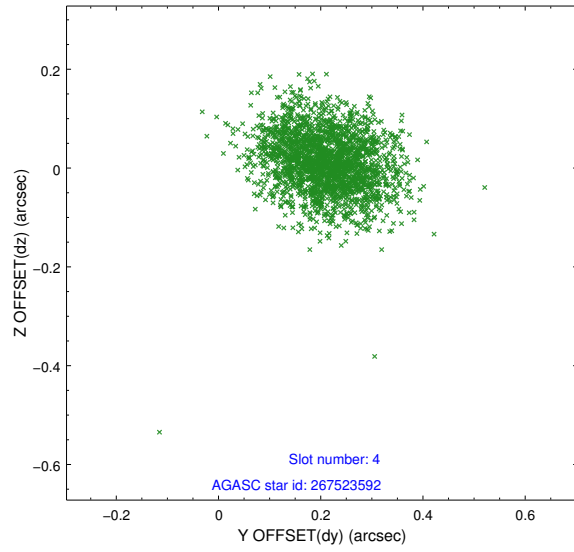
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1087	0.053	-0.012	0.006	0.011	0.000000	0.000000	936.53	-1726.63
1	FID	ACIS-S-2	7.10	1087	-0.039	-0.012	0.007	0.012	0.000000	0.000000	-758.69	-1732.61
2	FID	ACIS-S-5	7.23	1086	-0.037	0.030	0.007	0.011	0.000000	0.000000	-1813.33	169.54
3	GUIDE	267521960	8.33	2173	-0.023	-0.143	0.071	0.120	242.420345	29.850672	-434.47	2266.26
4	GUIDE	267523592	9.53	2173	0.212	0.013	0.097	0.153	242.254690	29.461954	-1853.33	1805.62
5	GUIDE	269229312	9.03	2173	-0.138	0.241	0.087	0.138	243.759306	29.395270	907.12	-2027.09
6	GUIDE	338184656	9.23	2173	-0.014	0.078	0.075	0.122	243.459631	30.060095	2179.49	204.80
7	GUIDE	267525704	7.83	2171	-0.036	-0.189	0.063	0.099	242.367846	29.849700	-538.11	2392.81

2.4 Star Slots

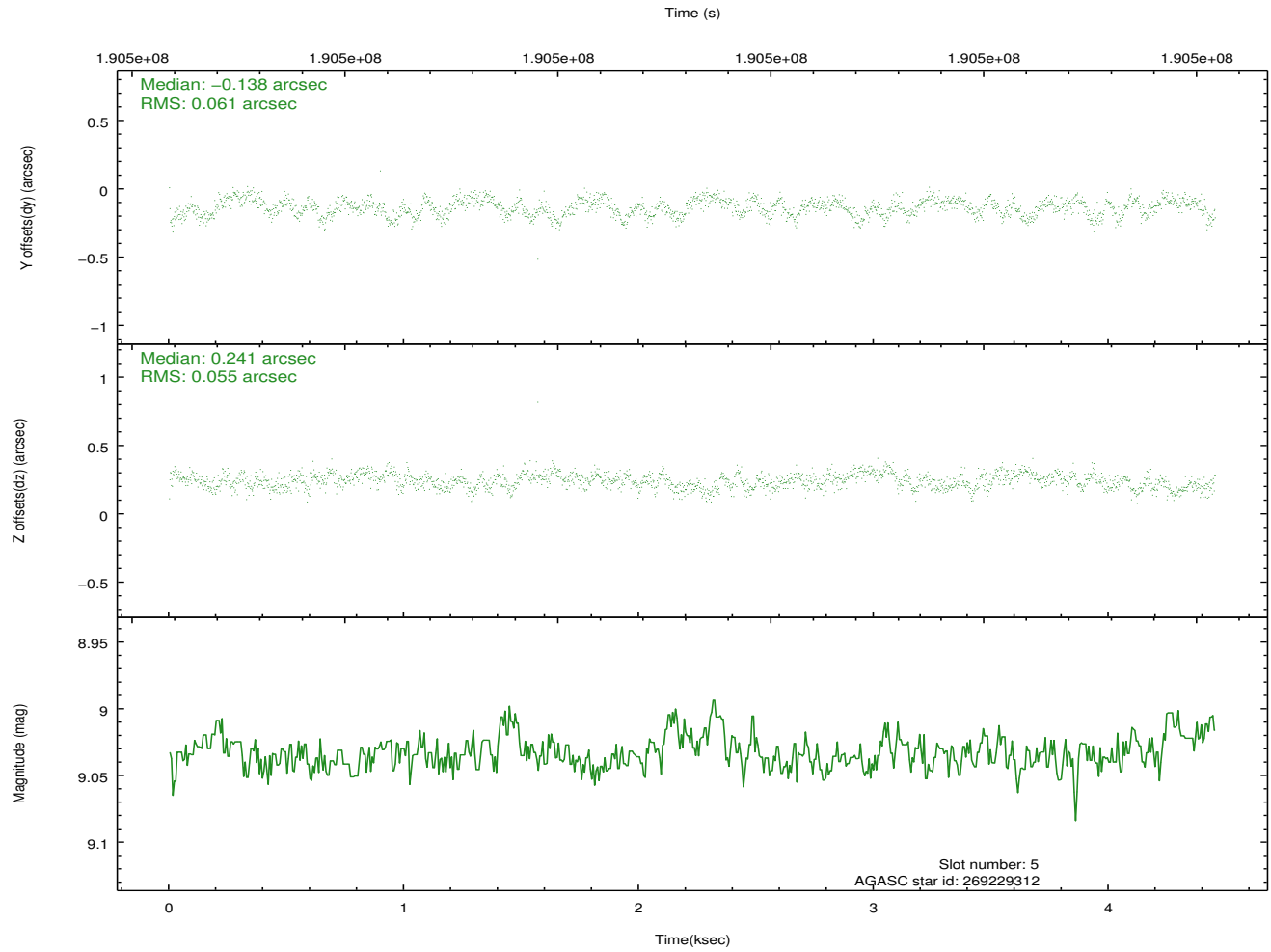
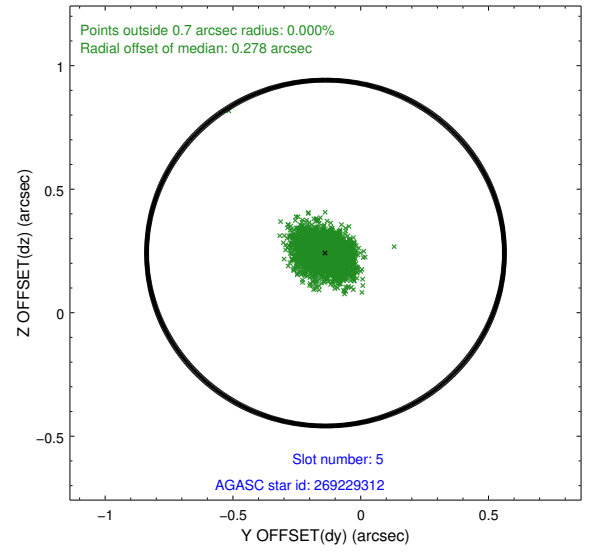
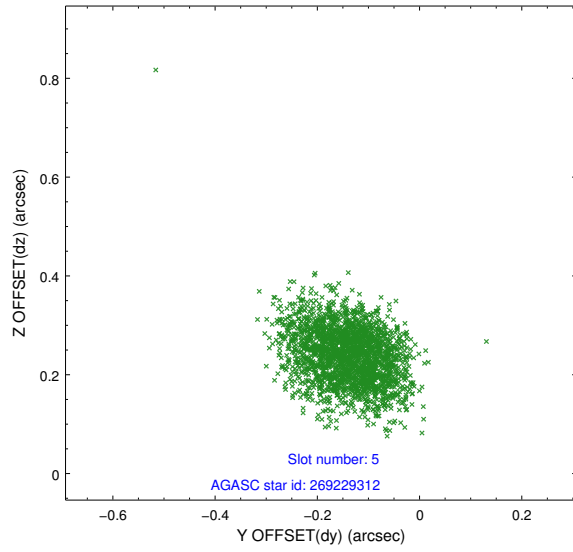
2.4.1 Slot 3



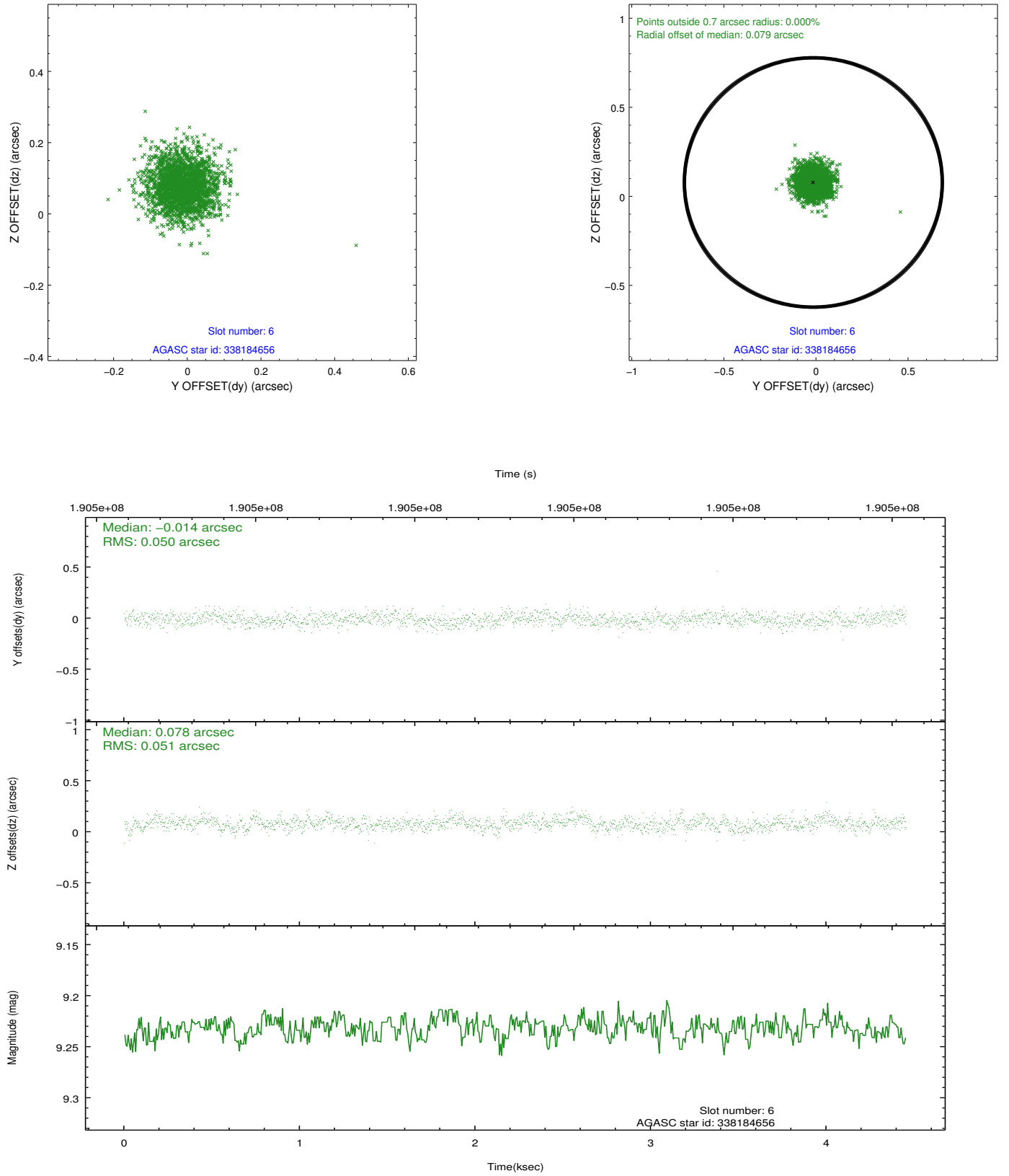
2.4.2 Slot 4



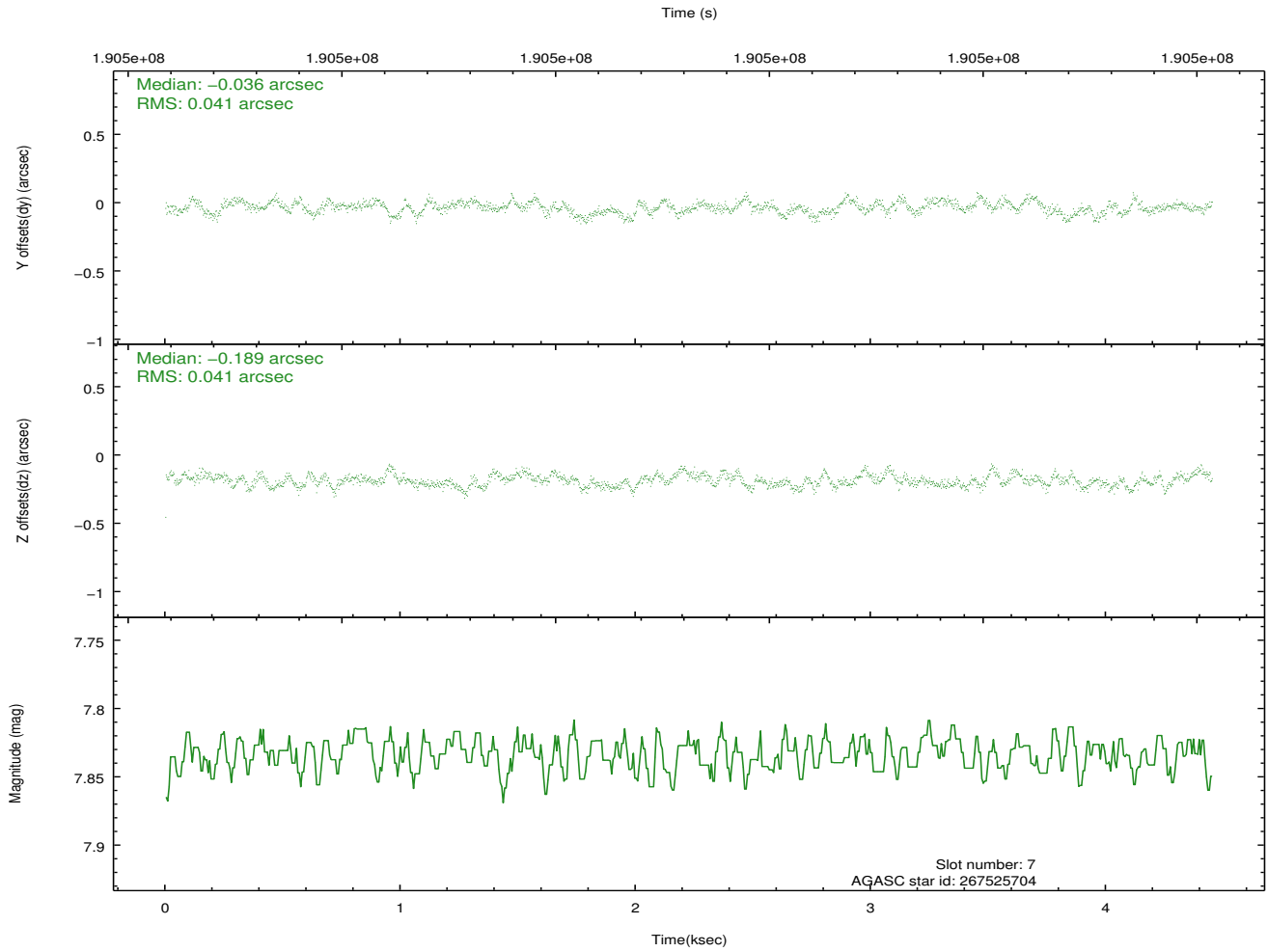
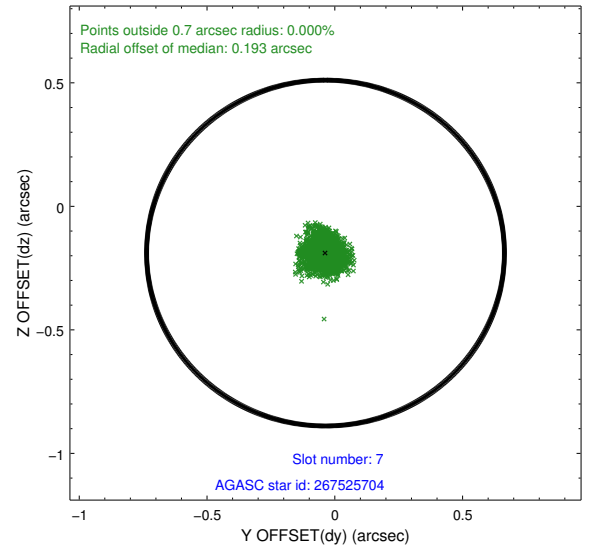
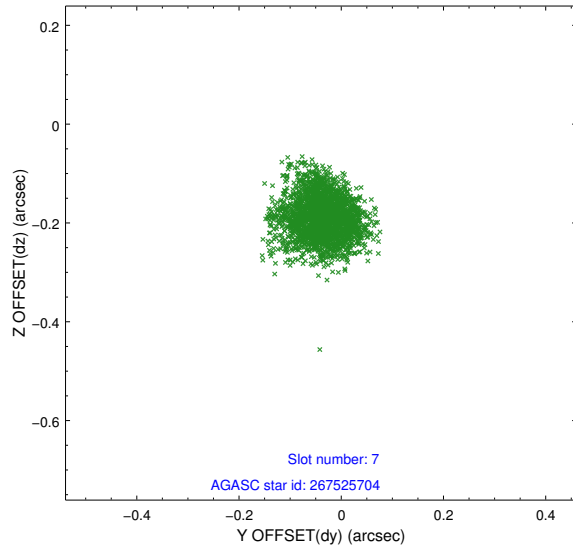
2.4.3 Slot 5



2.4.4 Slot 6

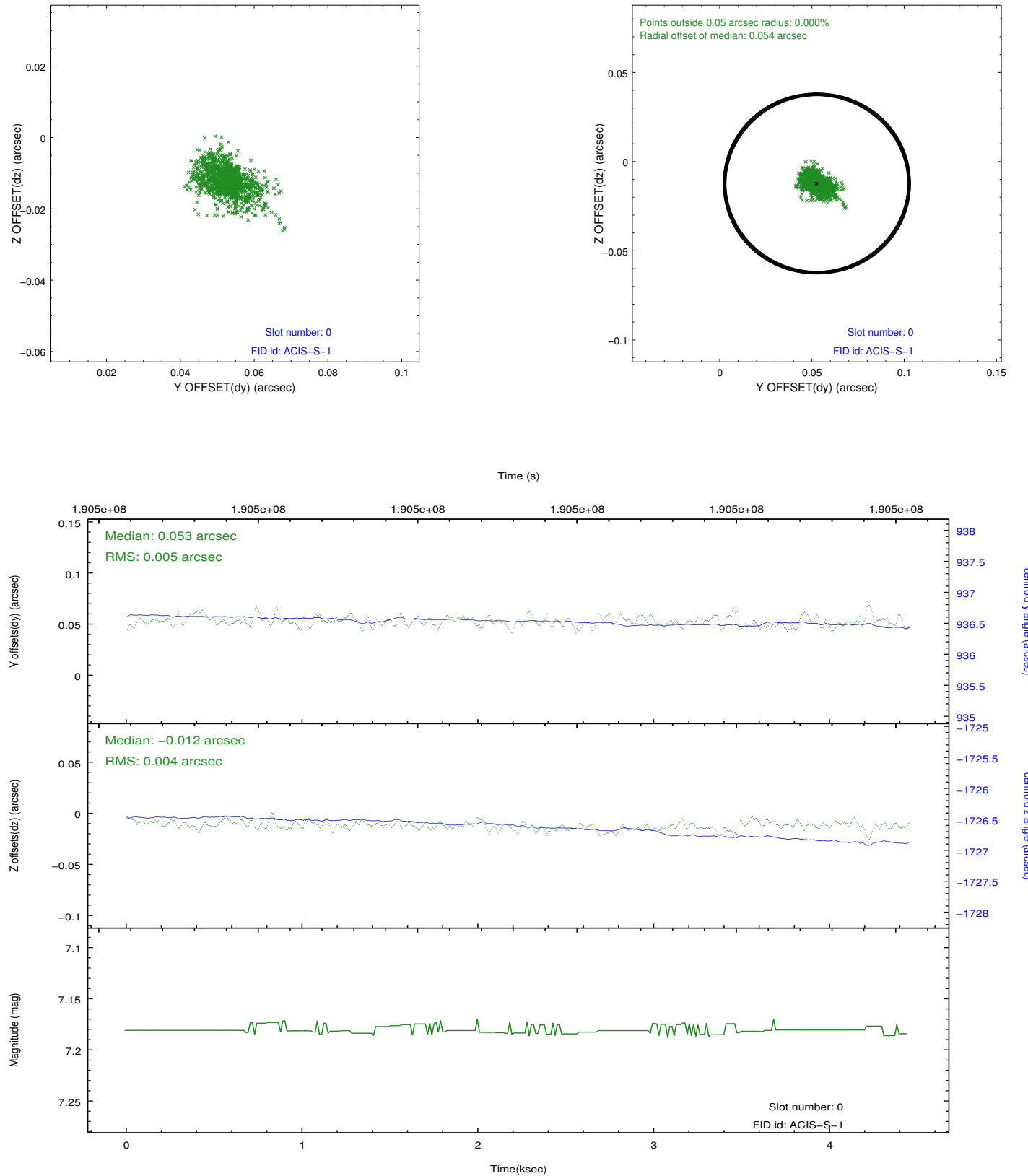


2.4.5 Slot 7

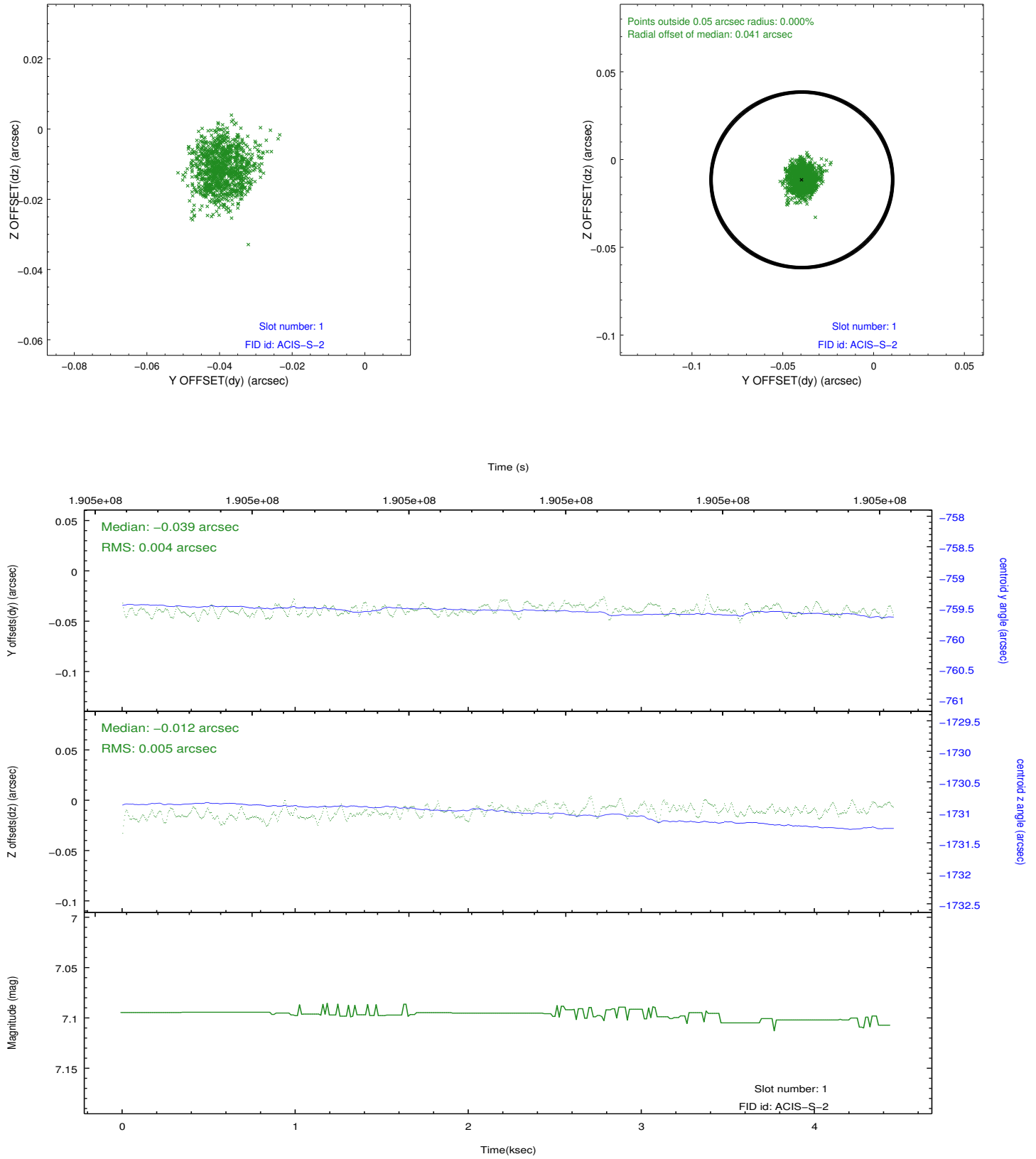


2.5 FID Slots

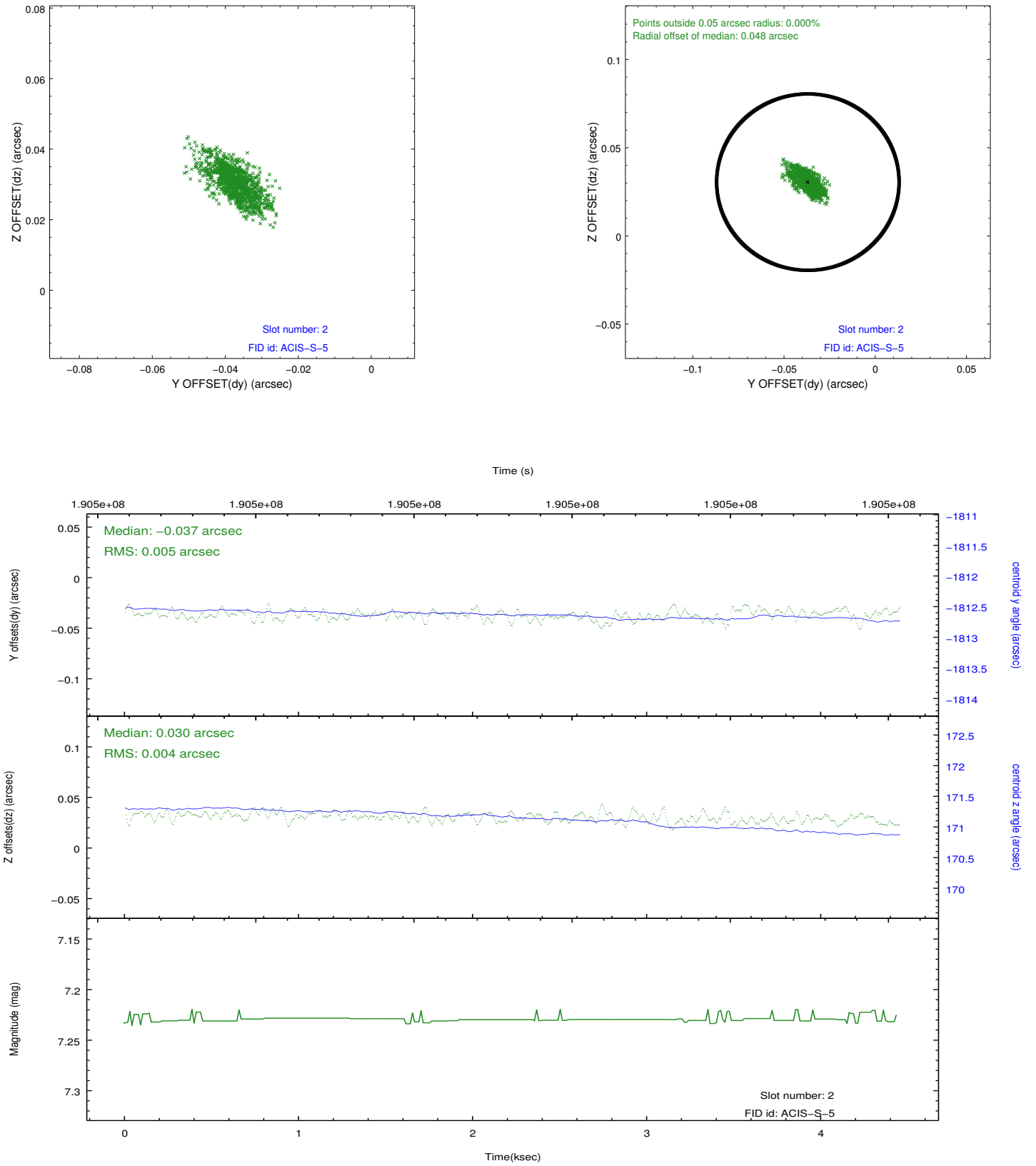
2.5.1 Slot 0



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)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.446

A.2 Comments