

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4424 - L2 Version 3
Chandra X-Ray Center

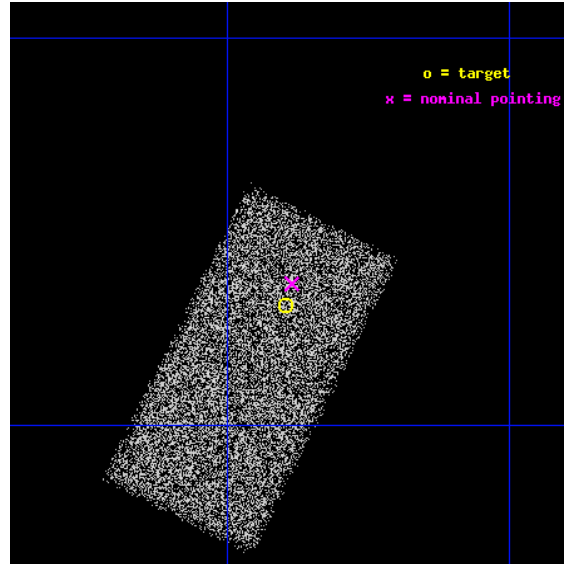
L2 Processing Date : Oct 27 2012

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1 Front

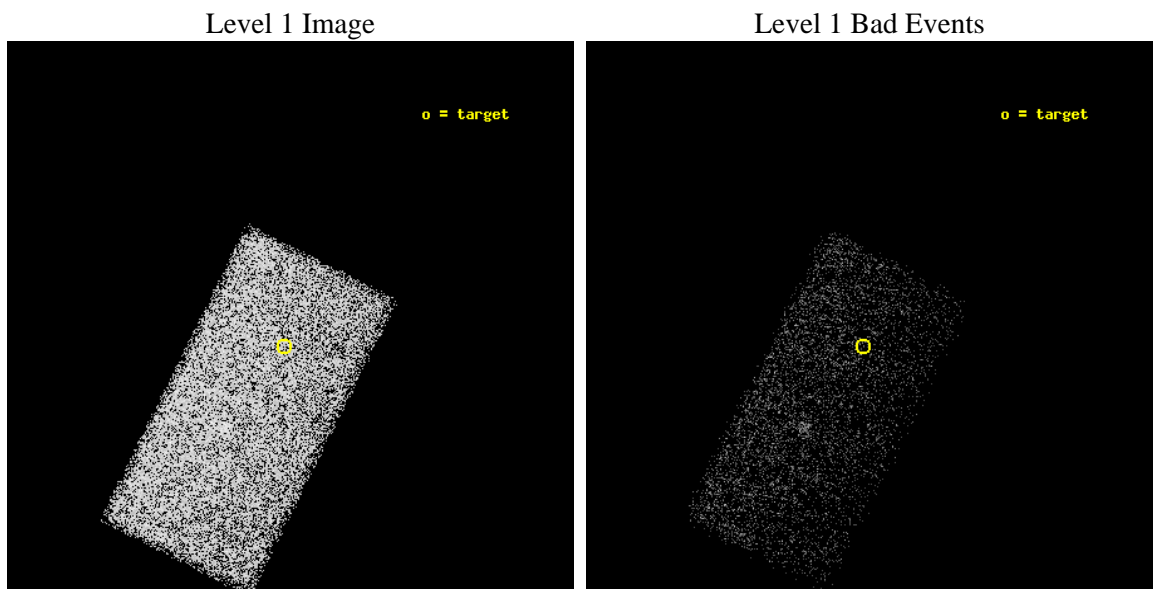
seq_num	400321	Sequence number
obs_id	4424	Observation id
title	THE BHC SOFT X-RAY TRANSIENT XTE J1908+094 RETURNING TO QUIESCENCE	
observer	dr Peter Jonker	Principal investigator
object	XTE J1908+094	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.224167	Observer's specified target RA [deg]
dec_targ	9.384694	Observer's specified target Dec [deg]
ra_nom	287.22135461111	Nominal RA [deg]
dec_nom	9.3939814110251	Nominal Dec [deg]
roll_nom	116.6915877339	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10687.5	Sum of GTIs [s]
livetime	10402.877277683	Livetime [s]
ontime7	10687.5	Sum of GTIs [s]
l2events	20157	Number of level 2 events



2 OBI

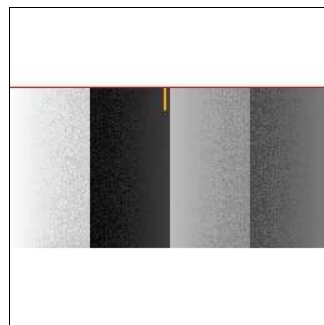
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	9955.311000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10687.5	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	10687.5	Sum of GTIs [s]
date	2012-10-27T17:27:21	Date and time of file creation	l1events	46630	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

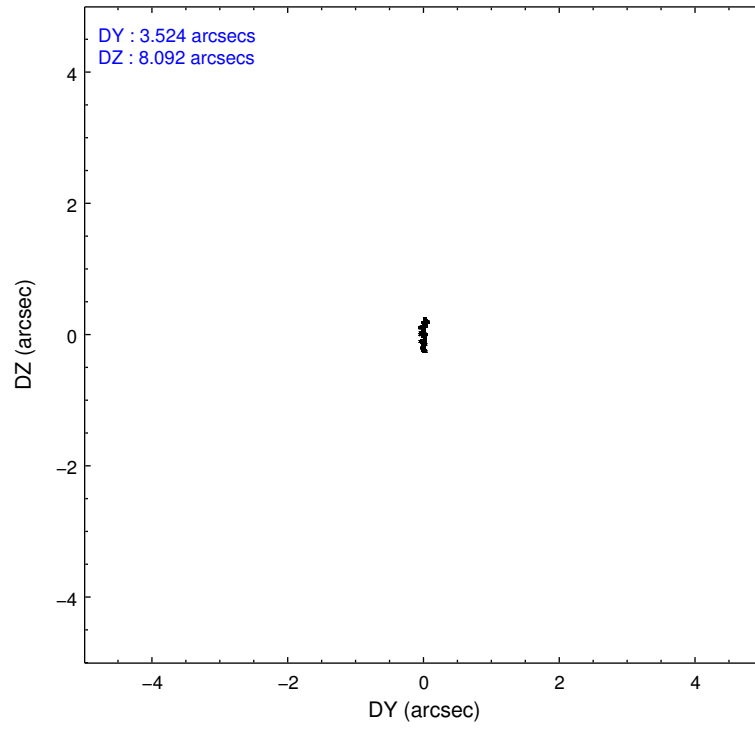
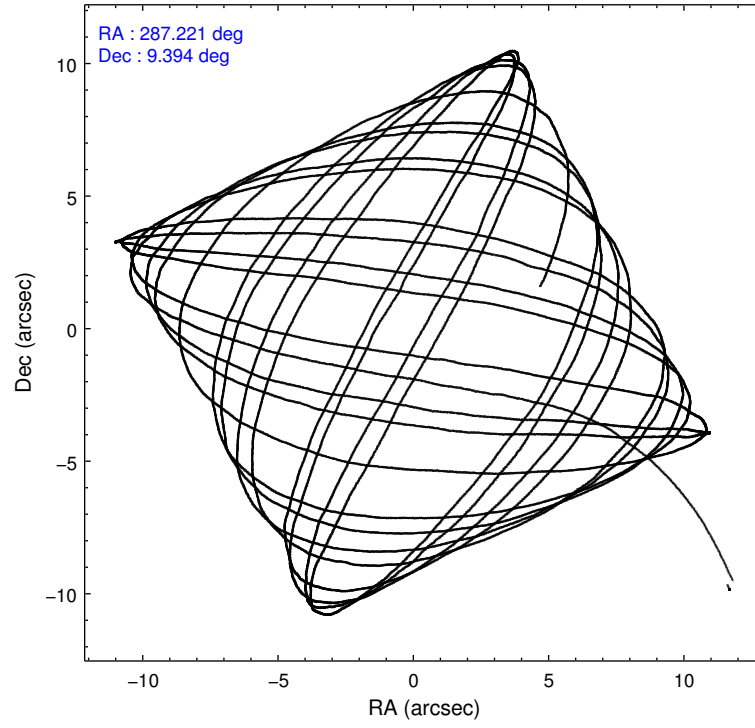
	ccd 7
level 1 events	46630
rejected events	25935
rejected %	55%

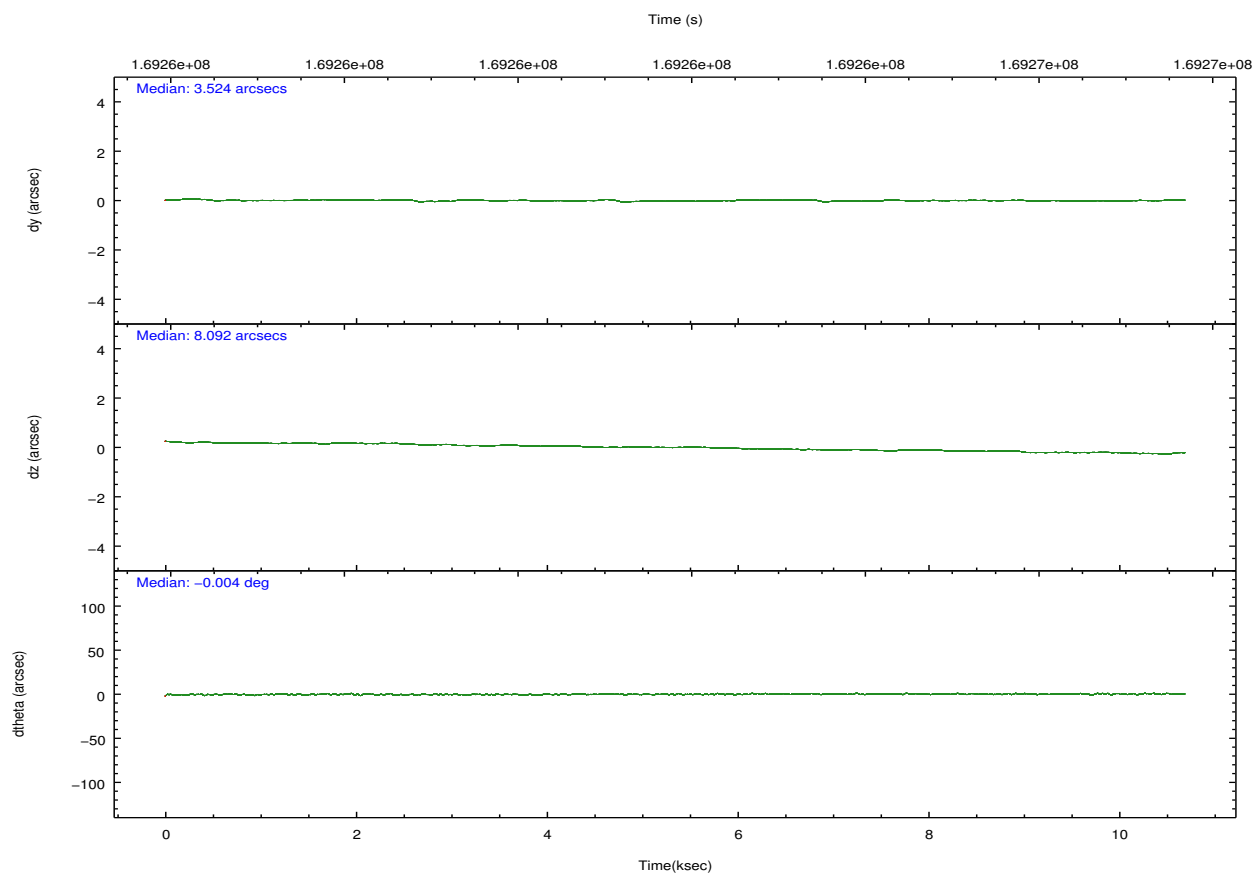
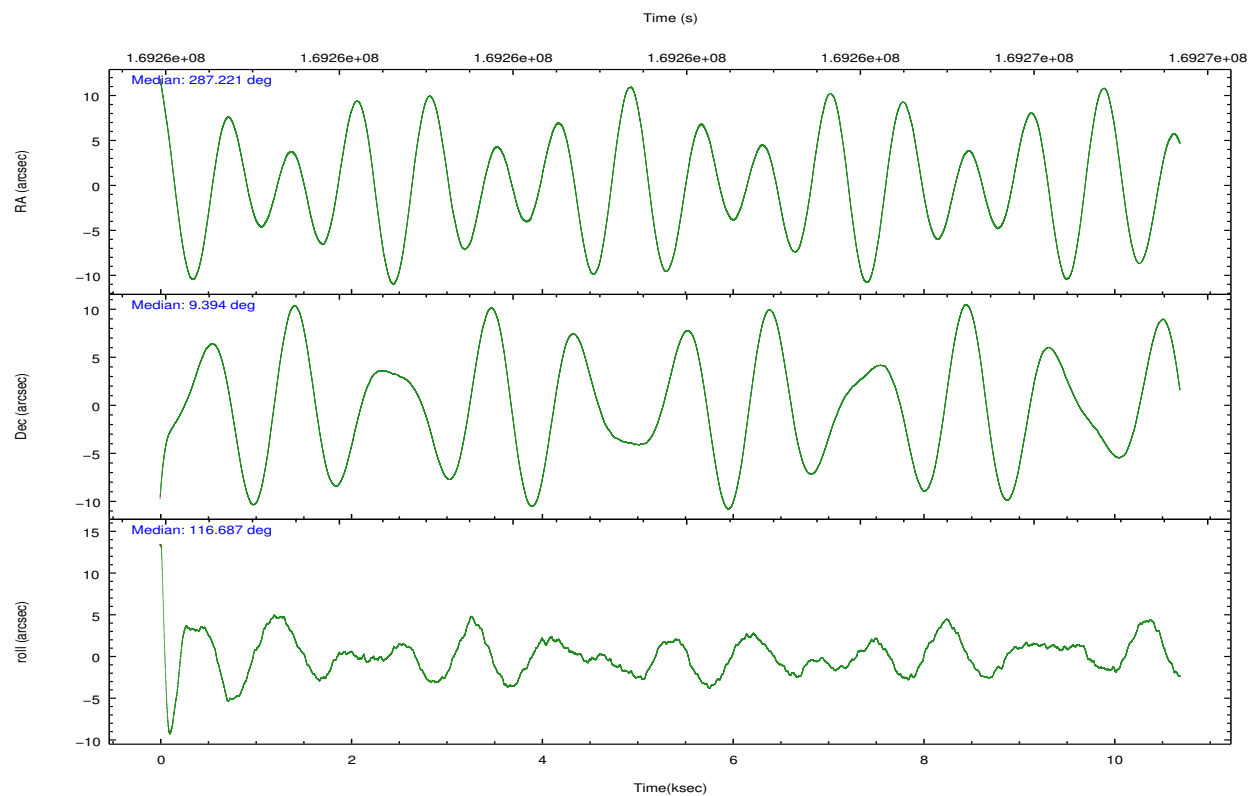
	ccd 7
grade 0 events	2045
	4%
grade 1 events	58
	0%
grade 2 events	4047
	8%
grade 3 events	1996
	4%
grade 4 events	2062
	4%
grade 5 events	4345
	9%
grade 6 events	10665
	22%
grade 7 events	21412
	45%

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	287.244640	287.2213546111129	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	9.379316	9.393981411025109	Subarray start row	257	257
[deg] Pointing Roll	116.531135	116.6915877339008	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	169257192.184000	169255956.70078			
Observation start date	2003-05-13T23:52:08	2003-05-13T23:32:36			
[s] Observation end time (MET)	169267147.184000	169267461.81376			
Observation end date	2003-05-14T02:38:03	2003-05-14T02:44:21			
Read mode	TIMED	TIMED			

2.3 Aspect



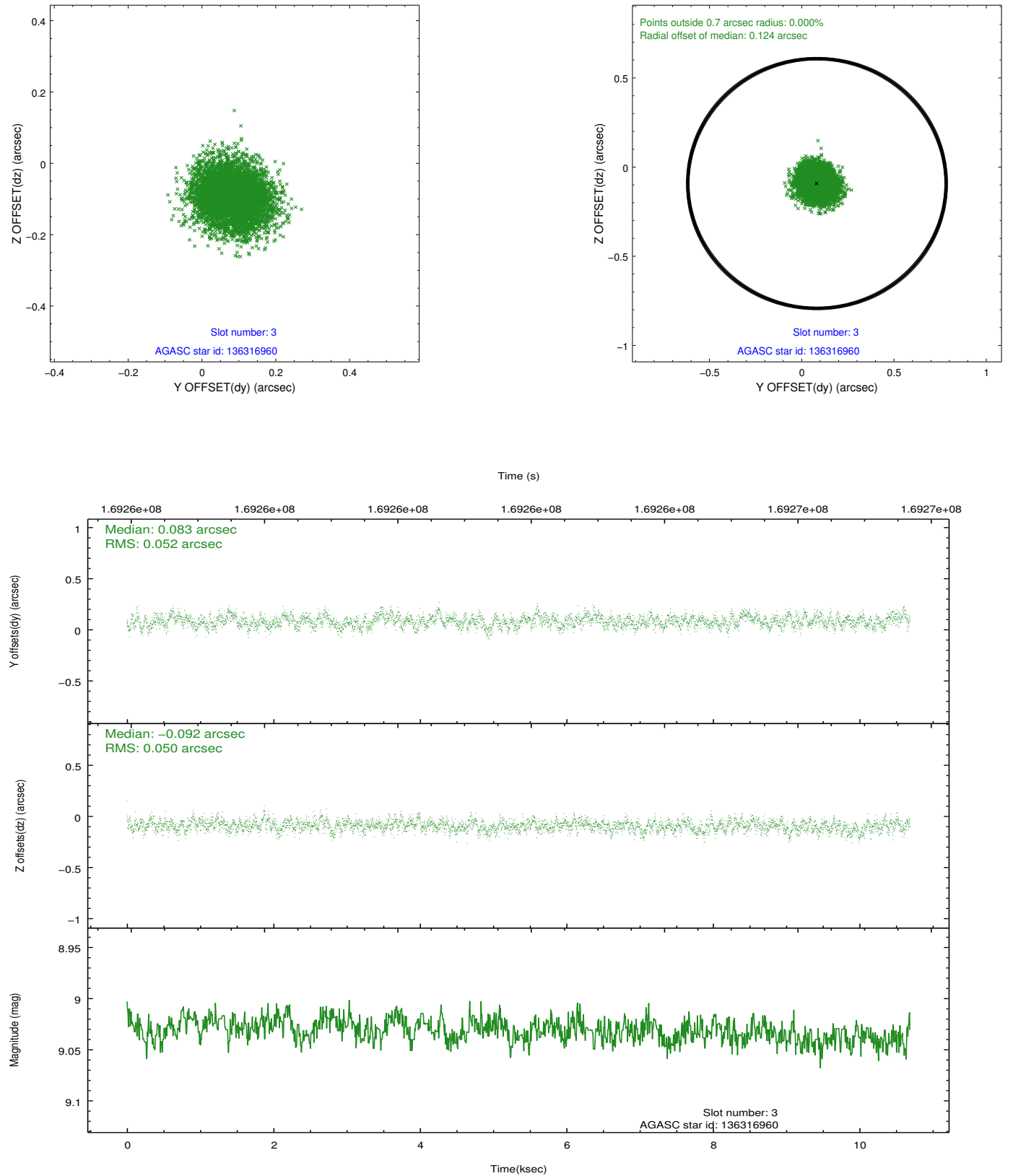


Slot Statistics

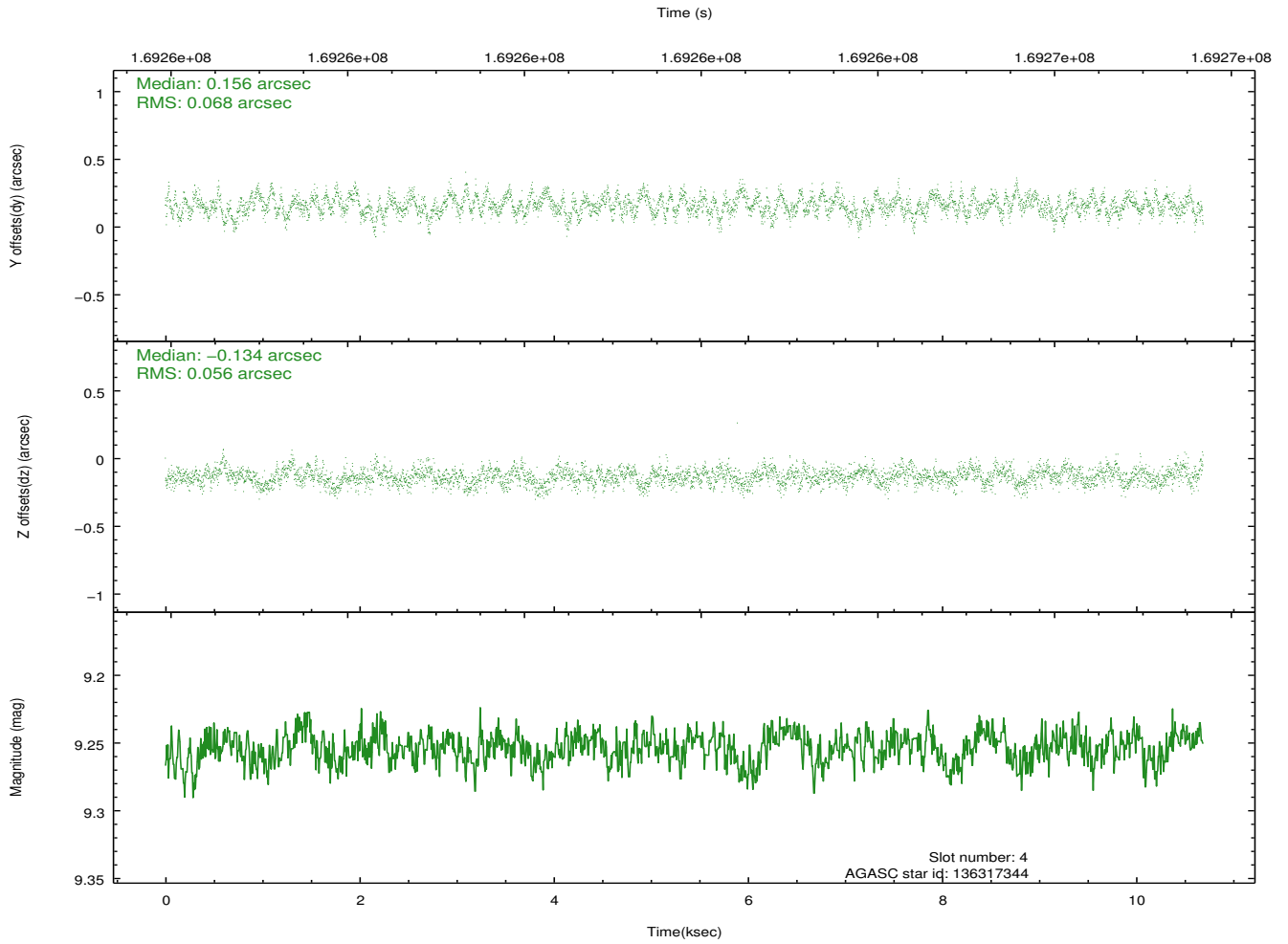
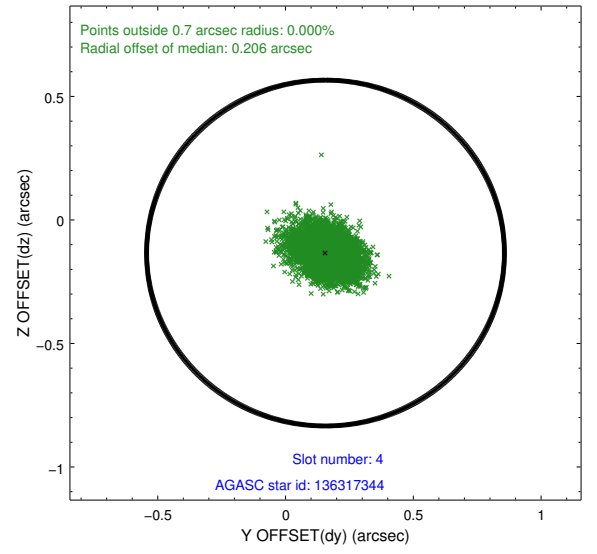
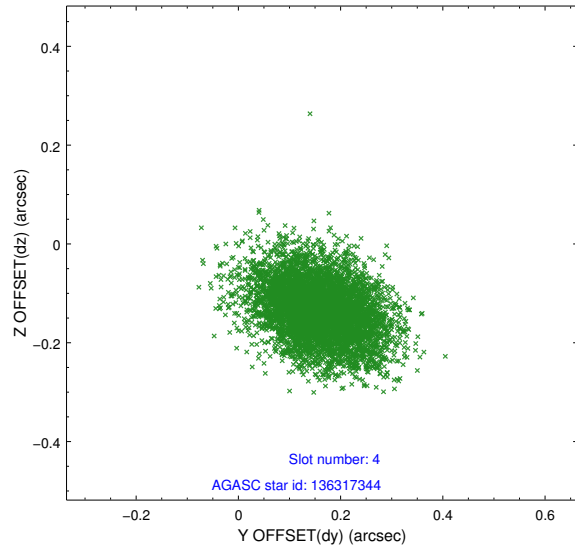
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2608	0.041	-0.013	0.009	0.016	0.000000	0.000000	939.86	-1724.94
1	FID	ACIS-S-5	7.24	2606	-0.051	0.042	0.006	0.010	0.000000	0.000000	-1808.91	172.23
2	FID	ACIS-S-6	7.36	2608	-0.012	-0.017	0.008	0.014	0.000000	0.000000	404.89	816.64
3	GUIDE	136316960	9.03	5212	0.083	-0.092	0.077	0.124	287.104881	9.133555	-569.45	839.58
4	GUIDE	136317344	9.25	5213	0.156	-0.134	0.093	0.152	287.032148	8.921467	-1136.86	1412.36
5	GUIDE	136450552	9.25	5215	0.110	0.058	0.088	0.144	287.756963	9.197020	-1399.12	-1336.05
6	GUIDE	136979696	9.38	5211	-0.126	0.046	0.091	0.148	287.607746	9.703592	469.39	-1674.71
7	GUIDE	136849008	9.63	5209	-0.226	0.125	0.113	0.184	287.041390	10.029261	2415.50	-400.55

2.4 Star Slots

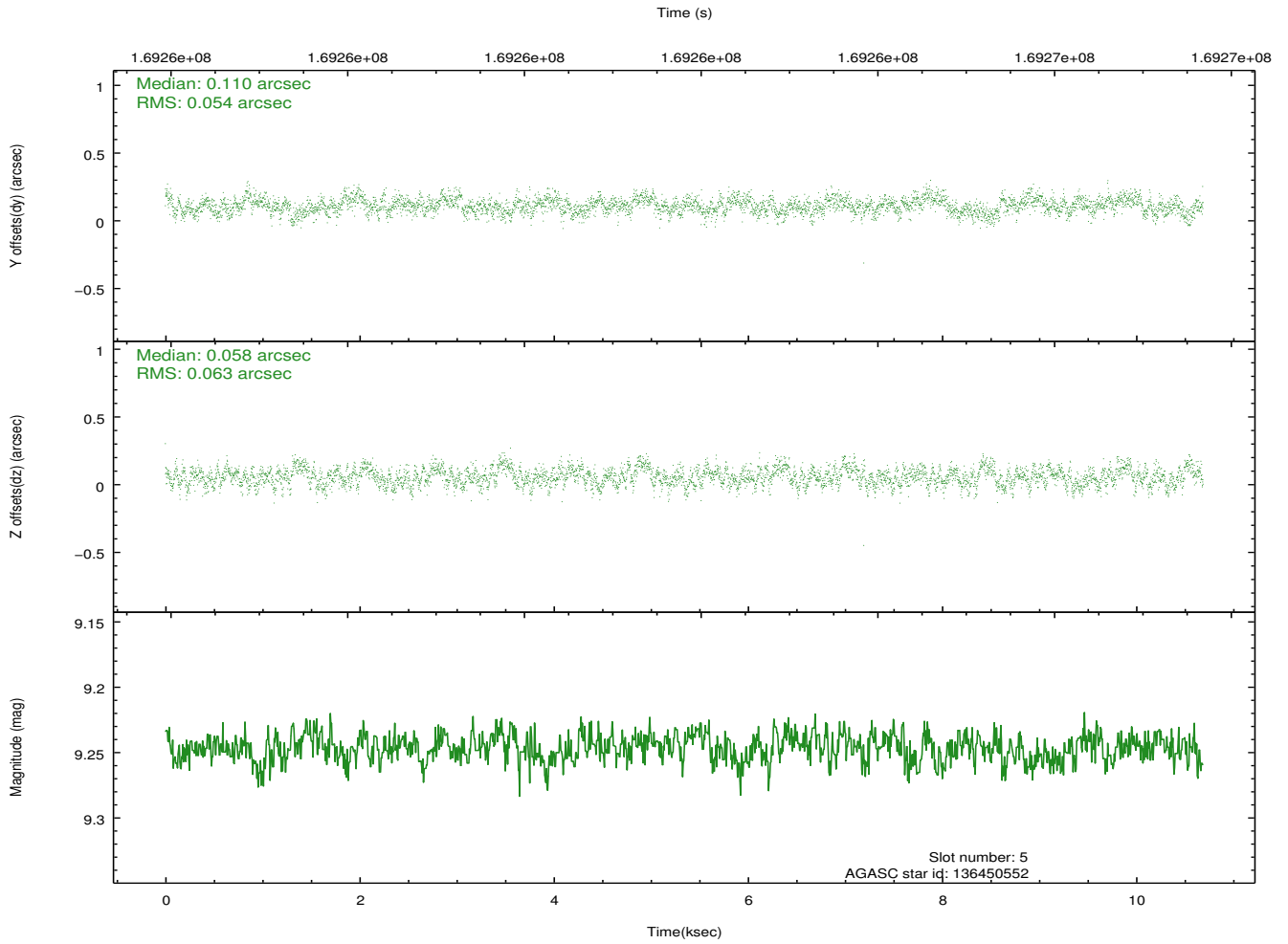
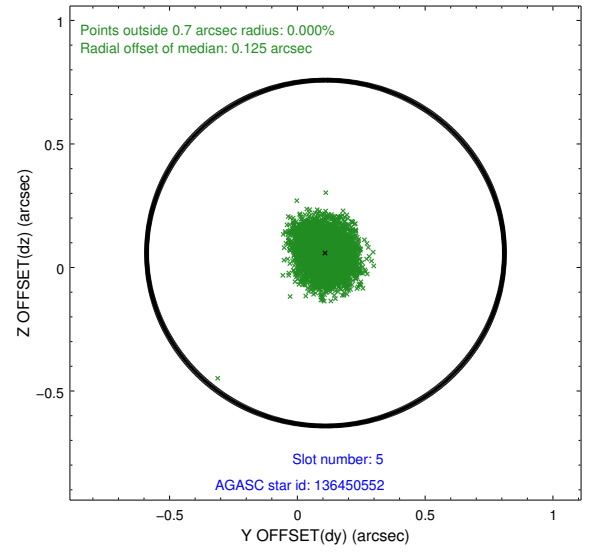
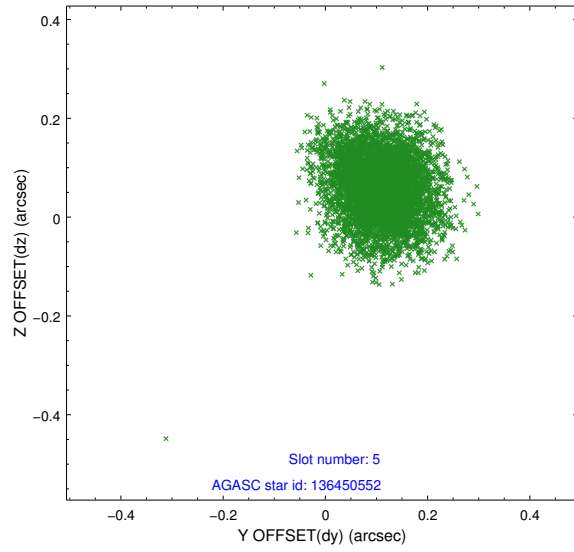
2.4.1 Slot 3



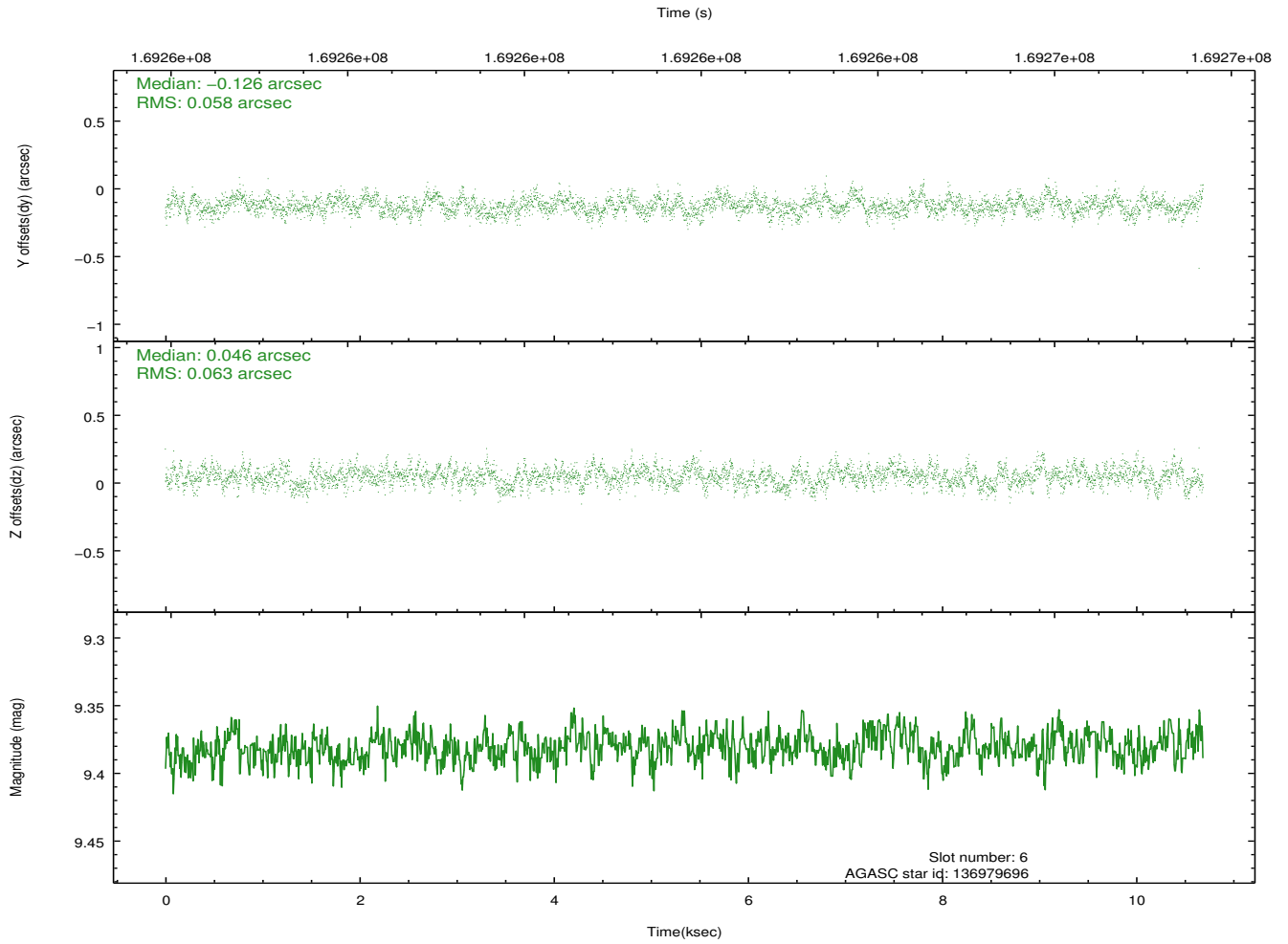
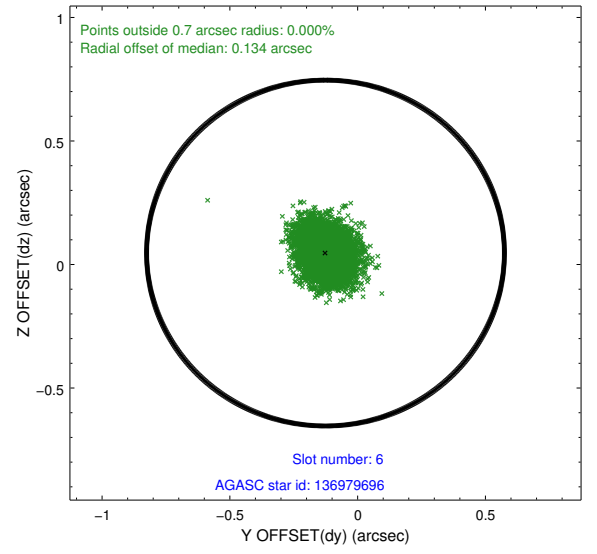
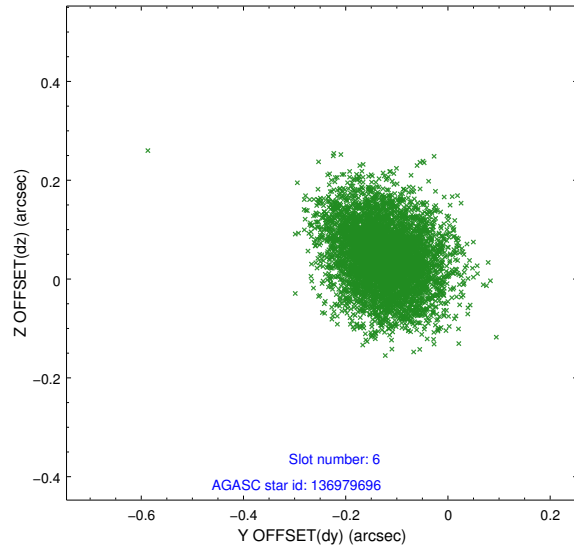
2.4.2 Slot 4



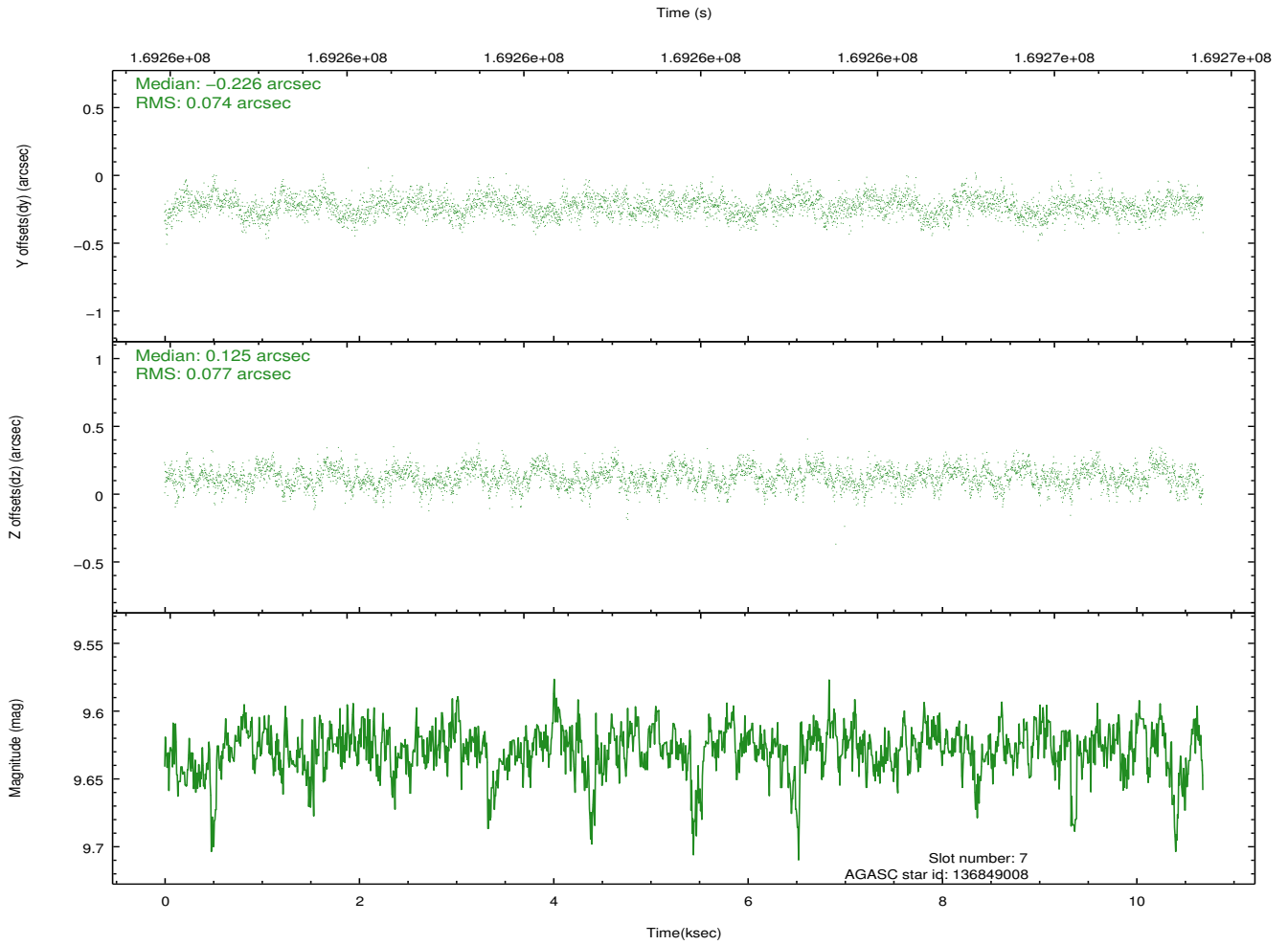
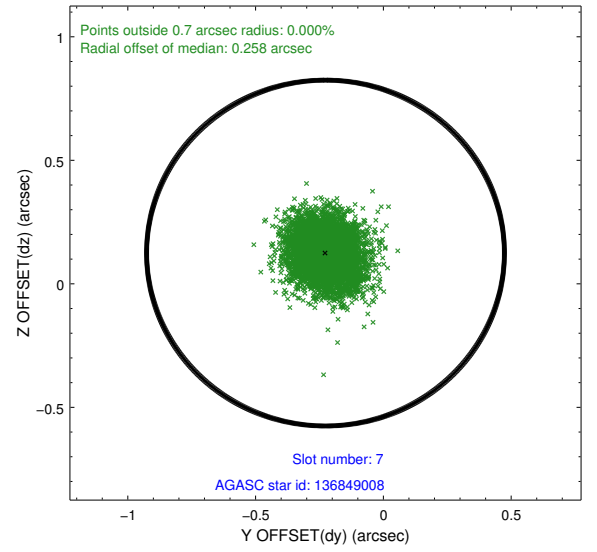
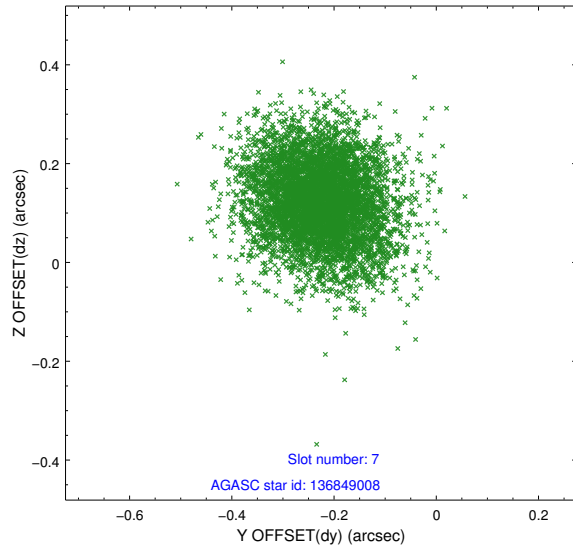
2.4.3 Slot 5



2.4.4 Slot 6

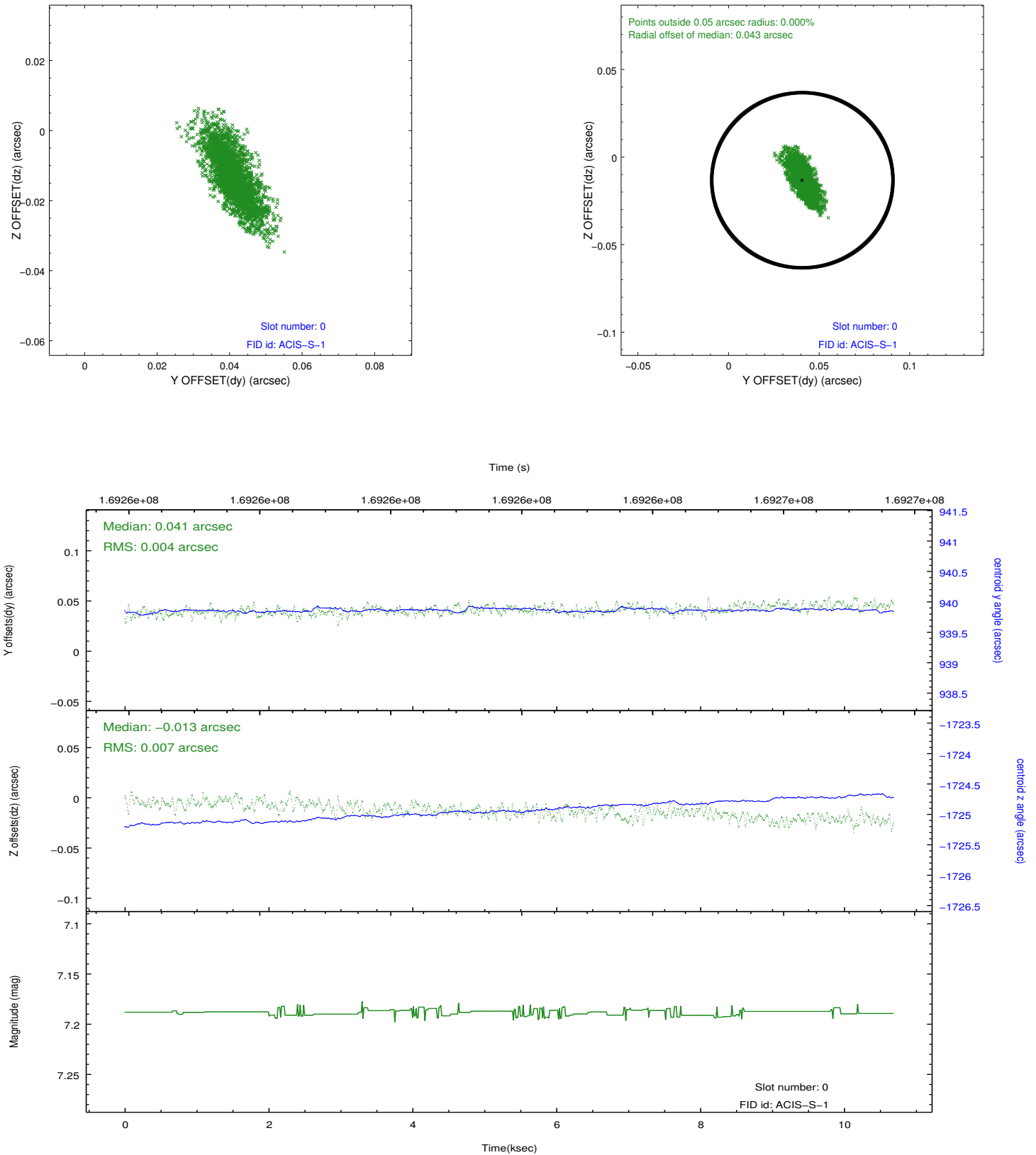


2.4.5 Slot 7

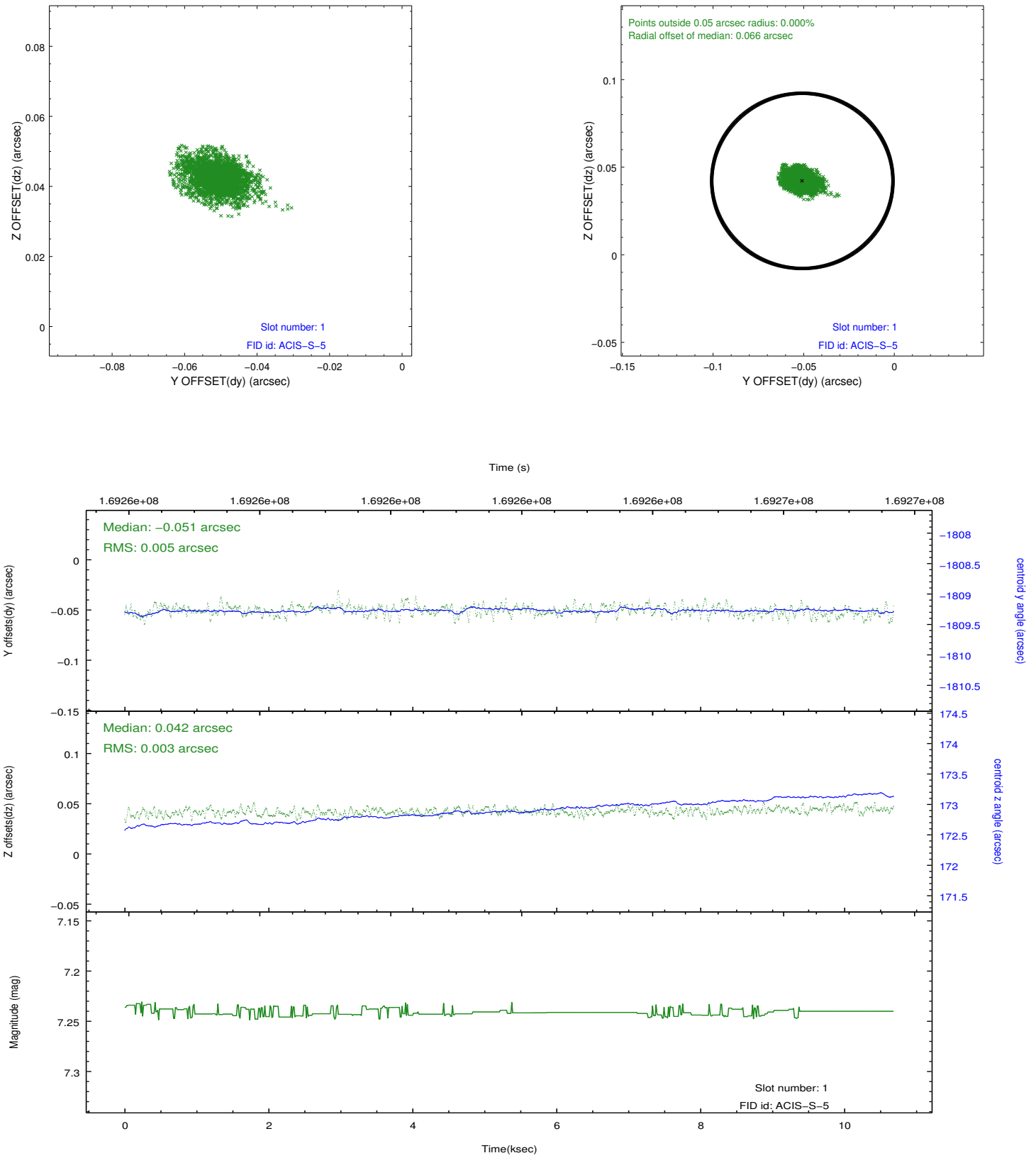


2.5 FID Slots

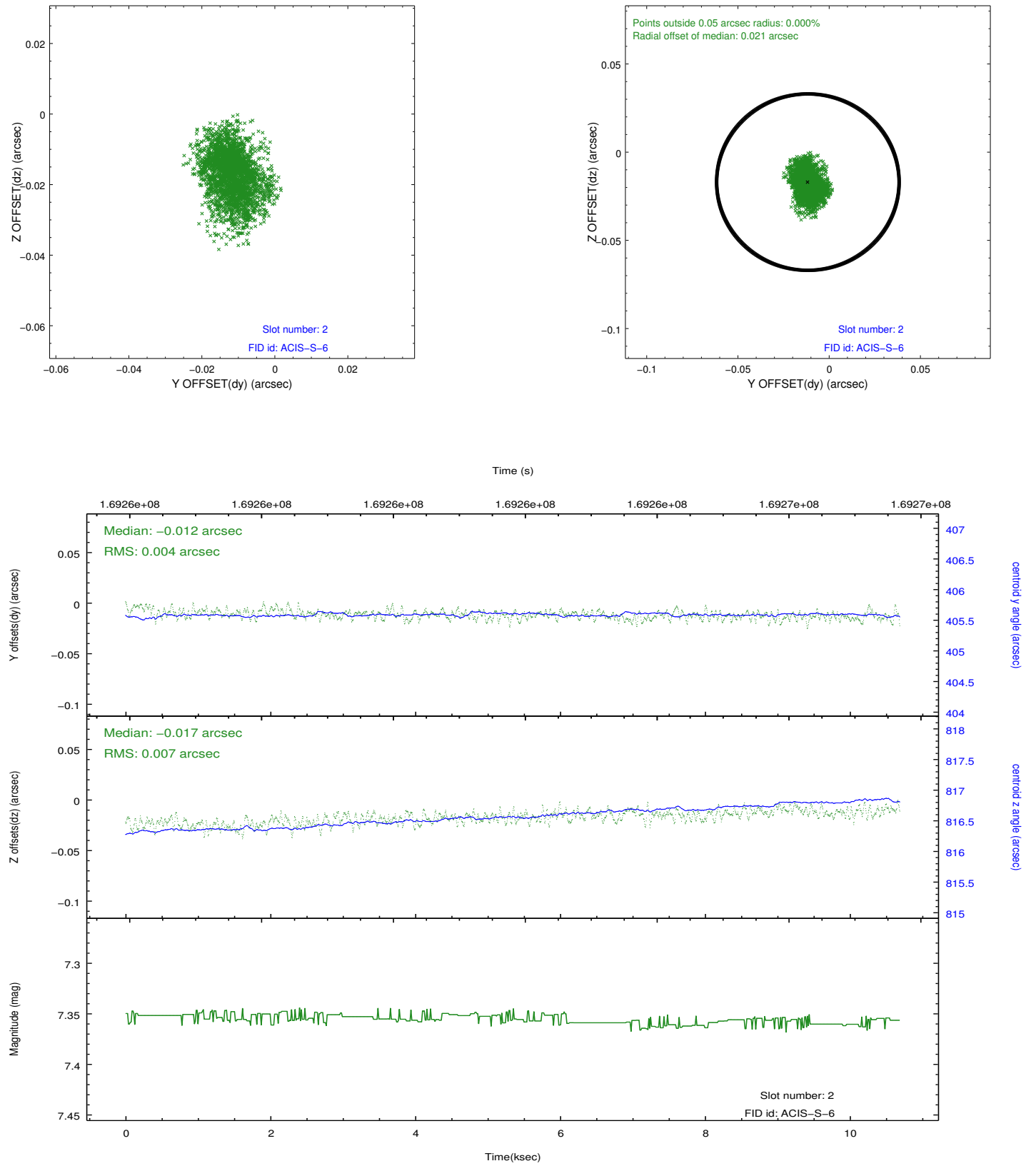
2.5.1 Slot 0



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)	2012.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.687

A.2 Comments