

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12333 - L2 Version 3
Chandra X-Ray Center

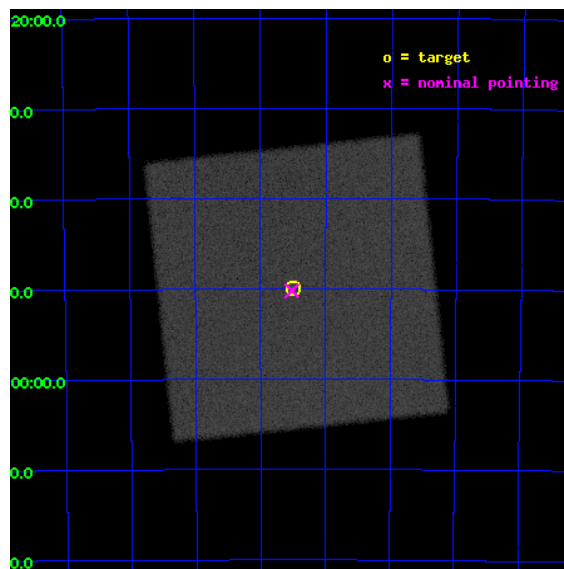
L2 Processing Date : Jul 27 2012

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1 Front

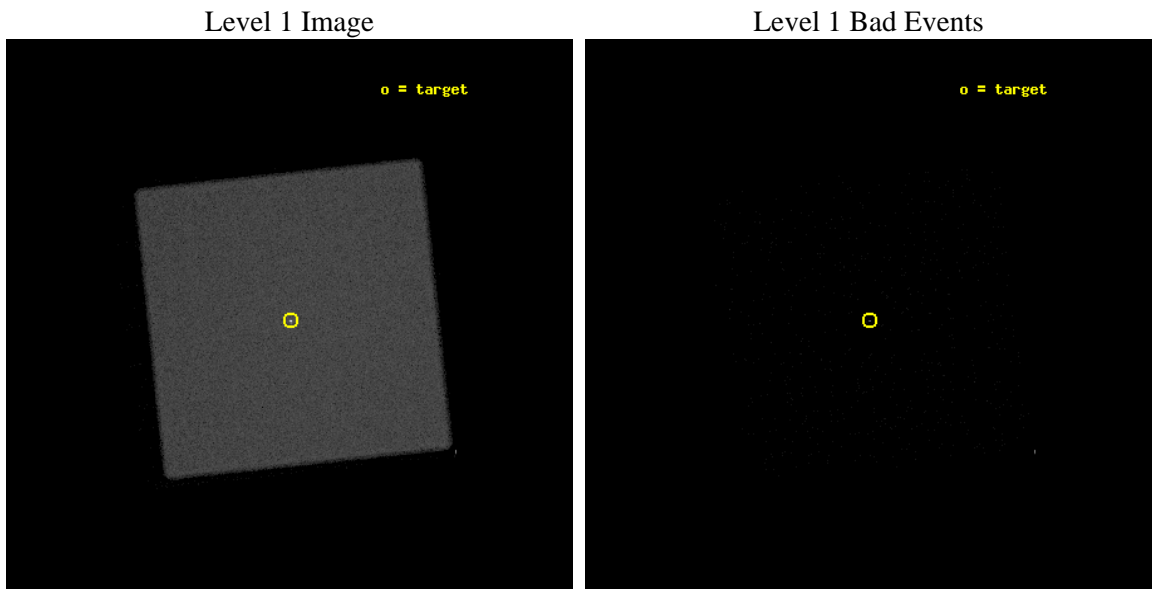
seq_num	200669	Sequence number
obs_id	12333	Observation id
title	Alpha Cen to the Max	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	Alpha Centauri	Source name
ra_targ	219.876667	Observer's specified target RA [deg]
dec_targ	-60.833222	Observer's specified target Dec [deg]
ra_nom	219.87952453624	Nominal RA [deg]
dec_nom	-60.837112687605	Nominal Dec [deg]
roll_nom	308.90701730424	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4942.5502570868	[s]
livetime	4882.4049923383	Ontime multiplied by DTCOR
l2events	459245	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4942.5502570868	[s]
caldbver	4.5.1	 	l1events	642207	Number of level 1 events
date	2012-07-28T00:46:08	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

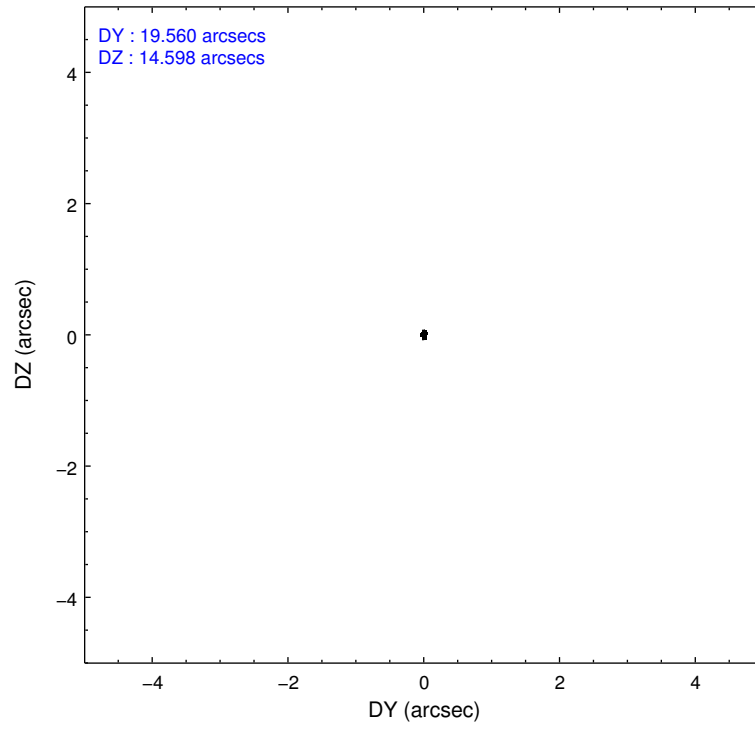
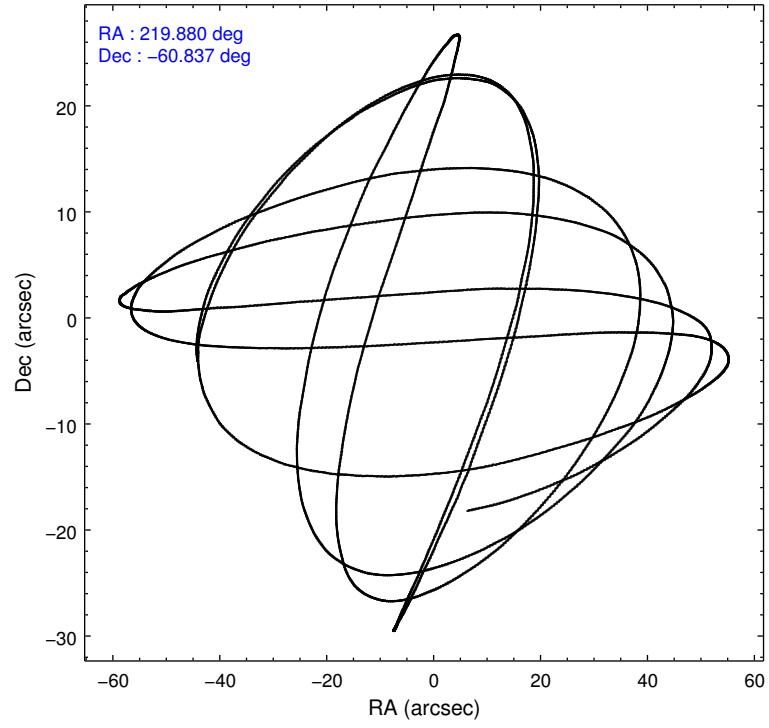
Level 1 Events

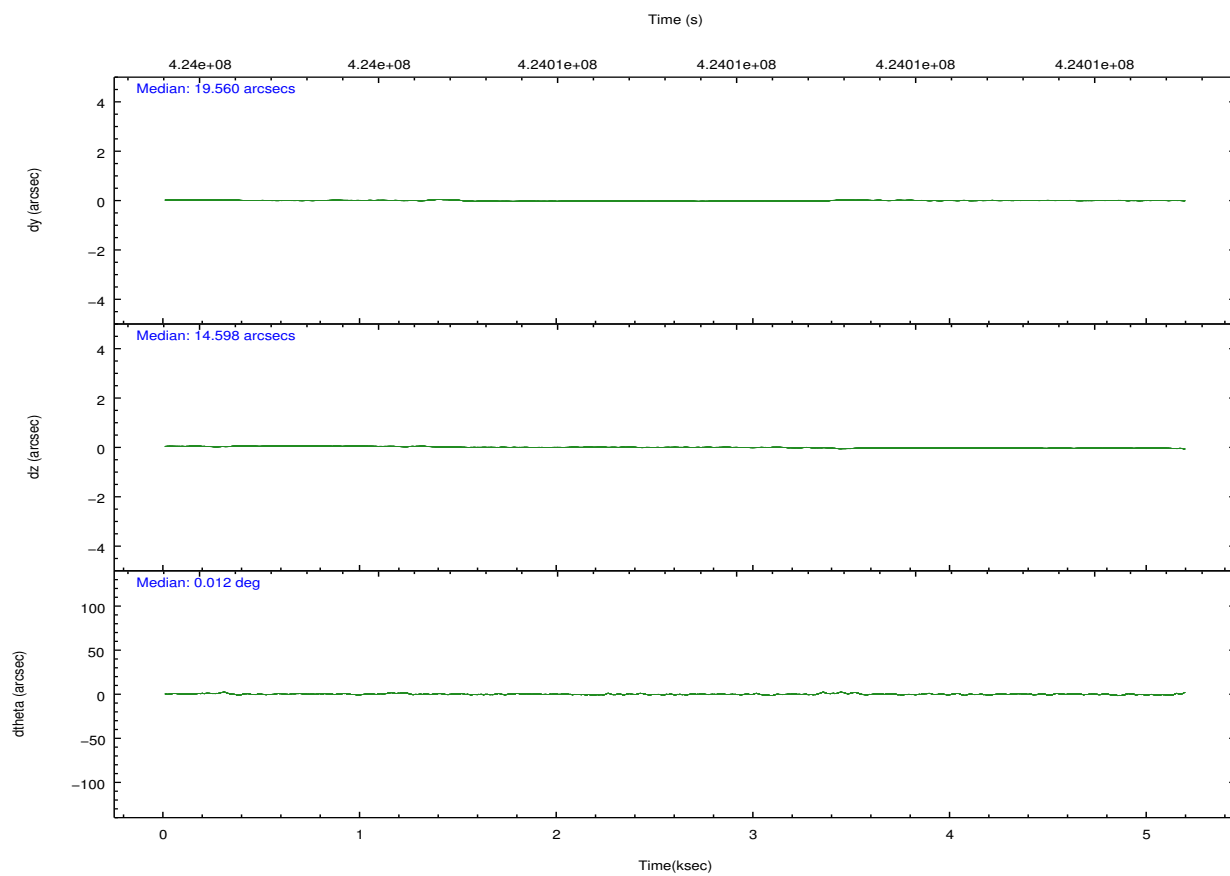
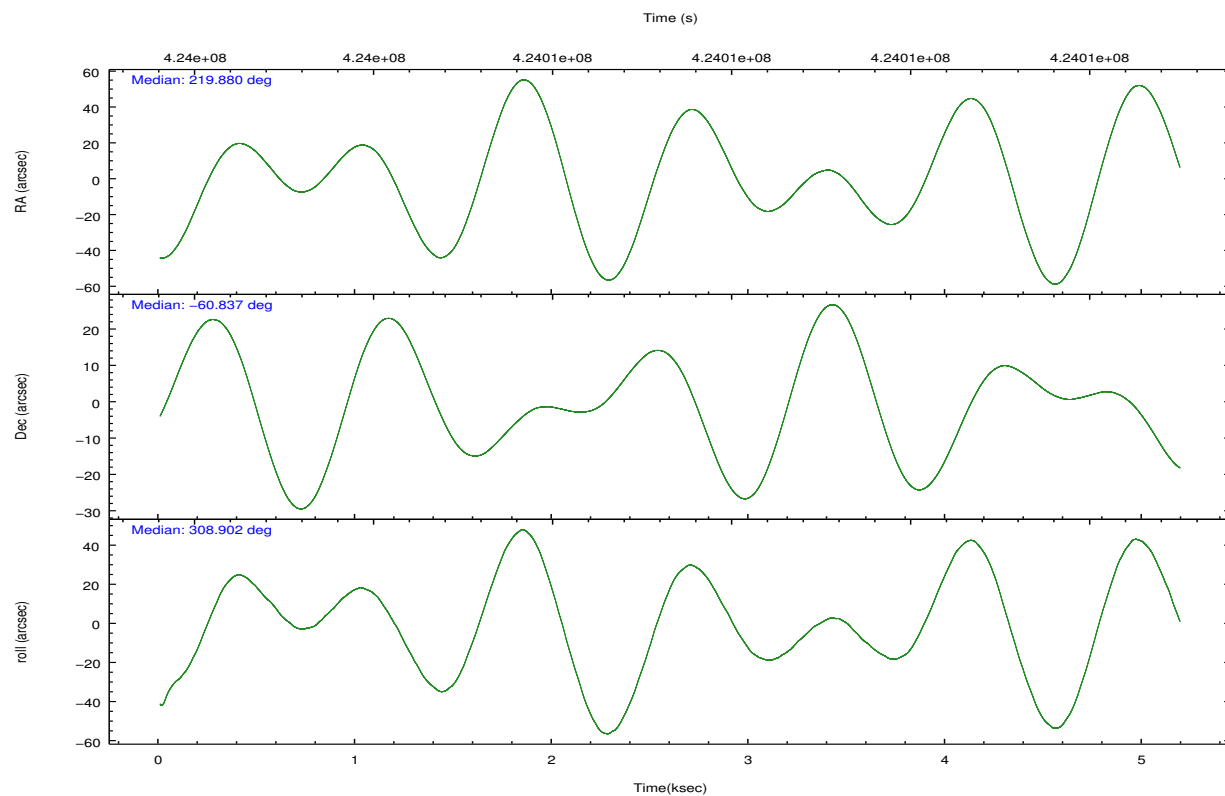
	segment 0
level 1 events	642207
rejected events	8866
rejected %	1%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	219.826739	219.8795245362442			
[deg] Pointing Dec	-60.828052	-60.83711268760521			
[deg] Pointing Roll	308.956404	308.9070173042382			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	424004260.184000	424003842.89908			
Observation start date	2011-06-09T10:56:34	2011-06-09T10:50:42			
[s] Observation end time (MET)	424009260.184000	424009742.28688			
Observation end date	2011-06-09T12:19:54	2011-06-09T12:29:02			

2.3 Aspect



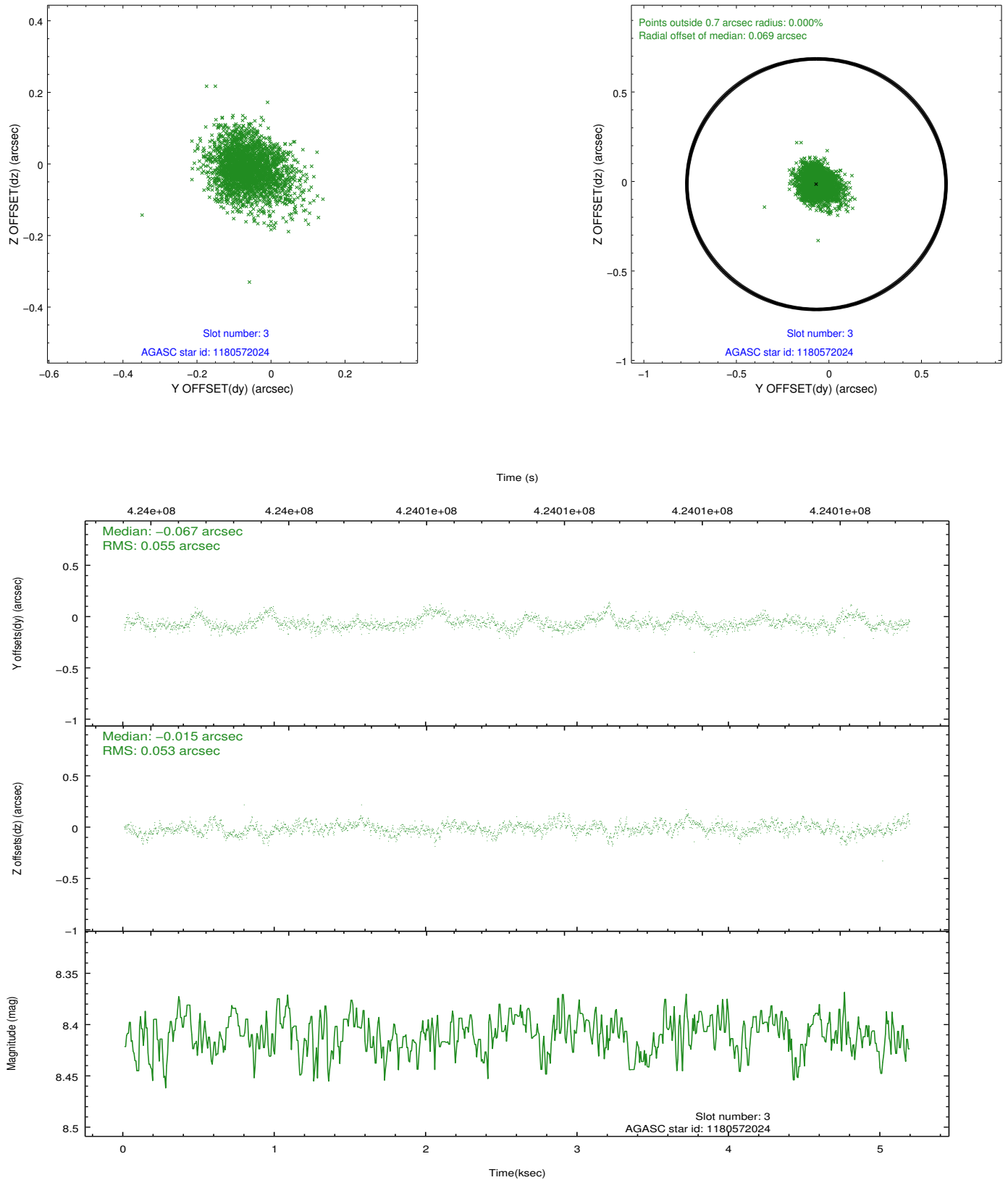


Slot Statistics

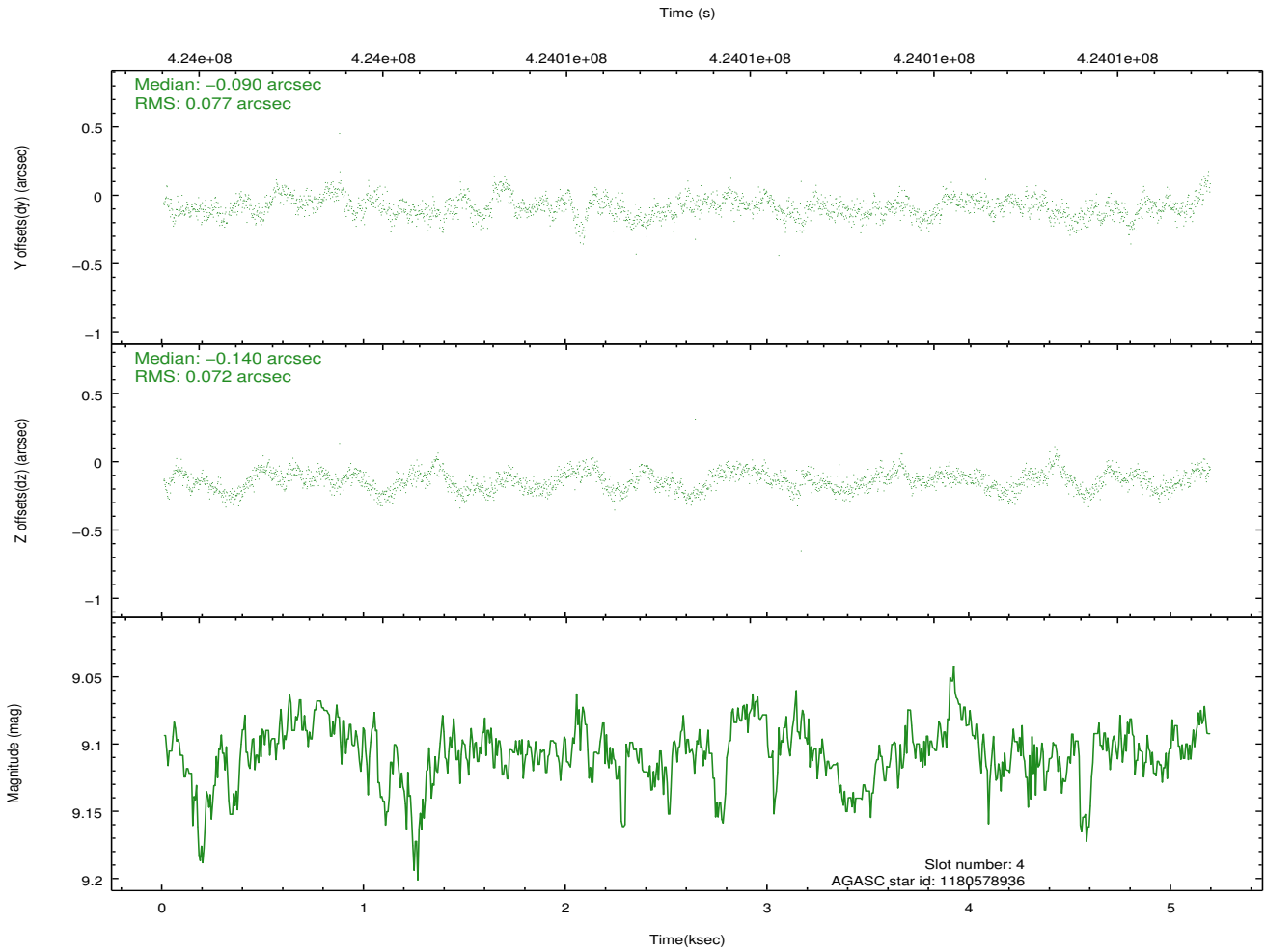
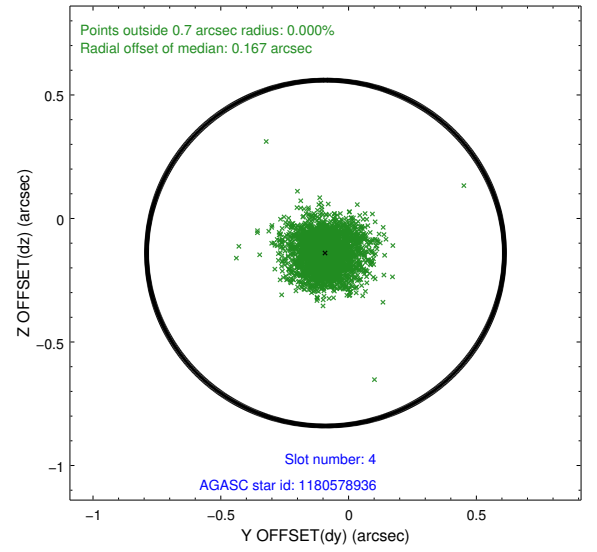
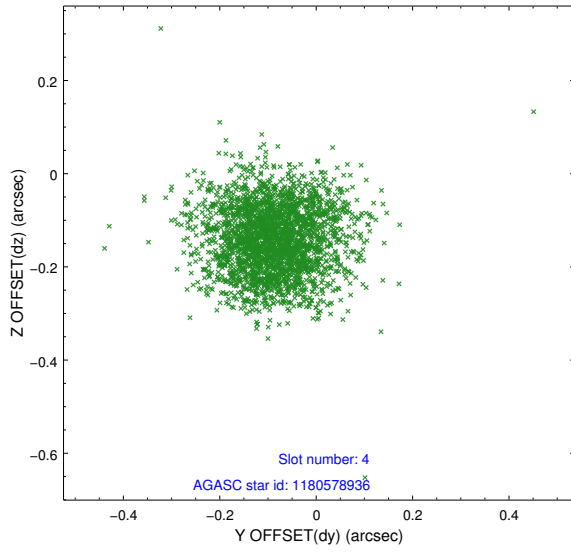
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1265	-0.128	-0.064	0.006	0.011	0.000000	0.000000	-775.69	-1302.75
1	FID	HRC-I-2	6.99	1265	0.176	-0.045	0.007	0.015	0.000000	0.000000	836.64	-1305.41
2	FID	HRC-I-4	6.95	1265	0.068	0.017	0.005	0.009	0.000000	0.000000	1268.09	998.36
3	GUIDE	1180572024	8.41	2529	-0.067	-0.015	0.079	0.135	220.930377	-60.981487	1654.17	1140.72
4	GUIDE	1180578936	9.11	2521	-0.090	-0.140	0.110	0.180	220.919358	-61.155393	2122.67	724.64
5	GUIDE	1180579504	9.60	2484	0.147	-0.060	0.149	0.236	219.500103	-61.658654	1977.00	-2315.42
6	GUIDE	1180589152	9.26	2521	-0.093	0.200	0.121	0.195	219.760705	-61.382926	1483.09	-1345.66
7	GUIDE	1180607728	9.31	2526	0.109	0.005	0.109	0.180	219.907127	-60.060122	-2057.94	1849.18

2.4 Star Slots

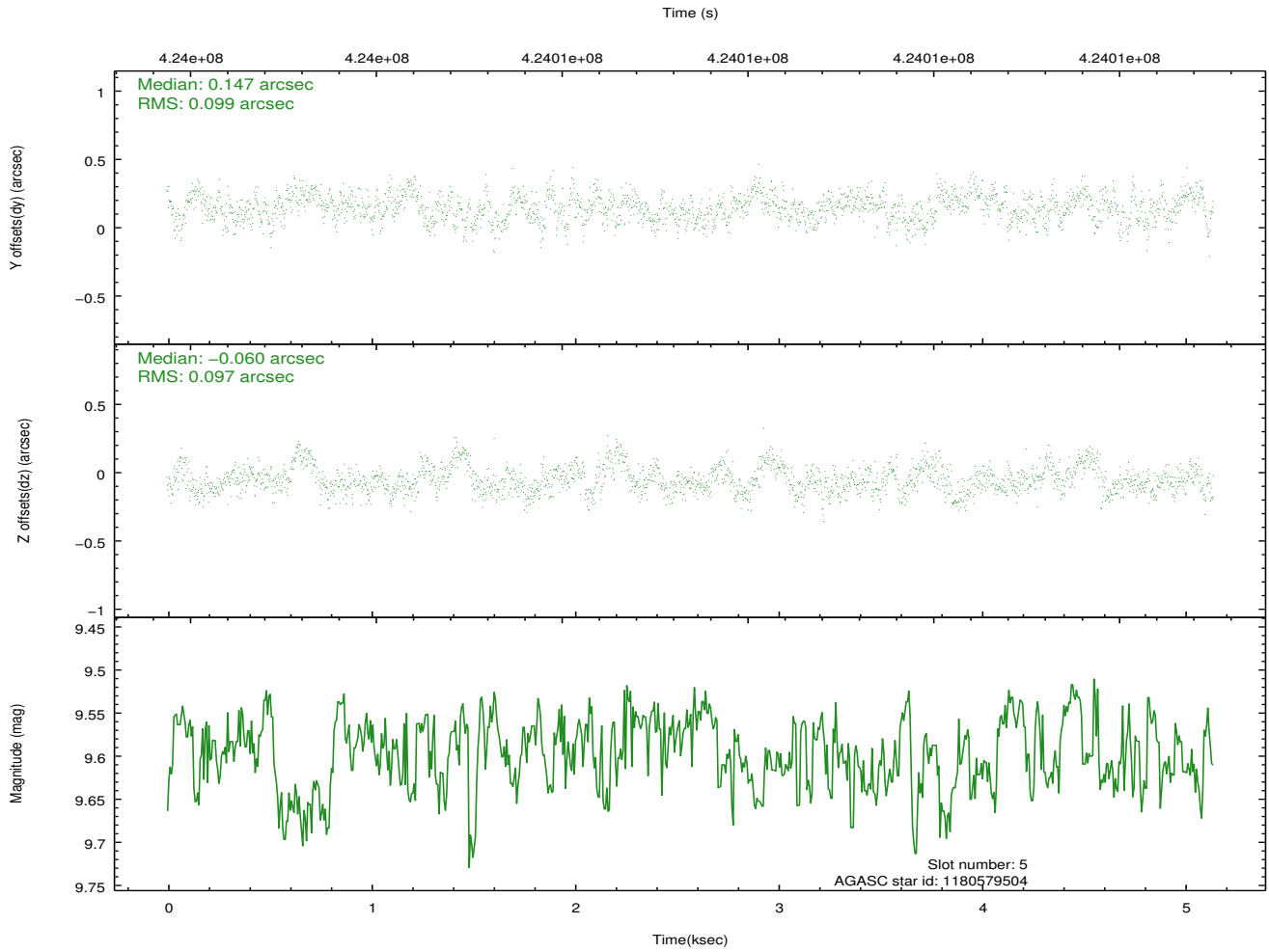
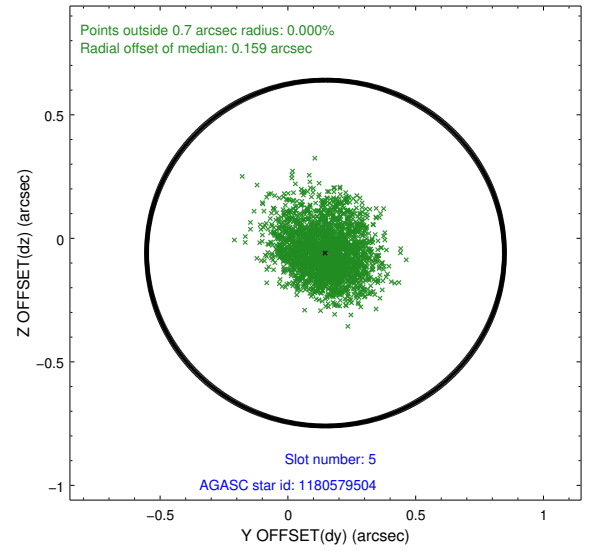
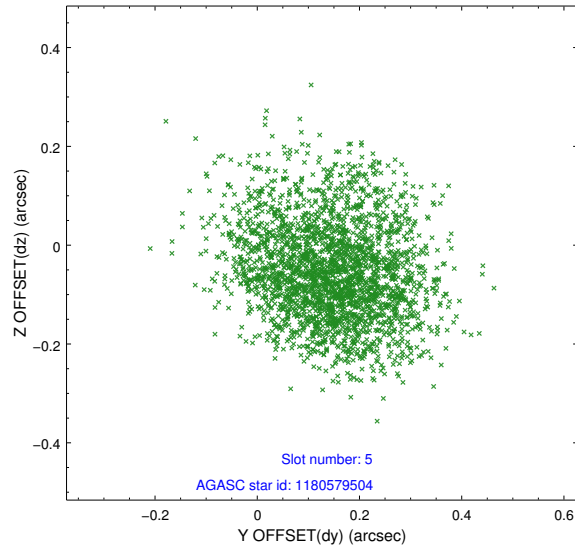
2.4.1 Slot 3



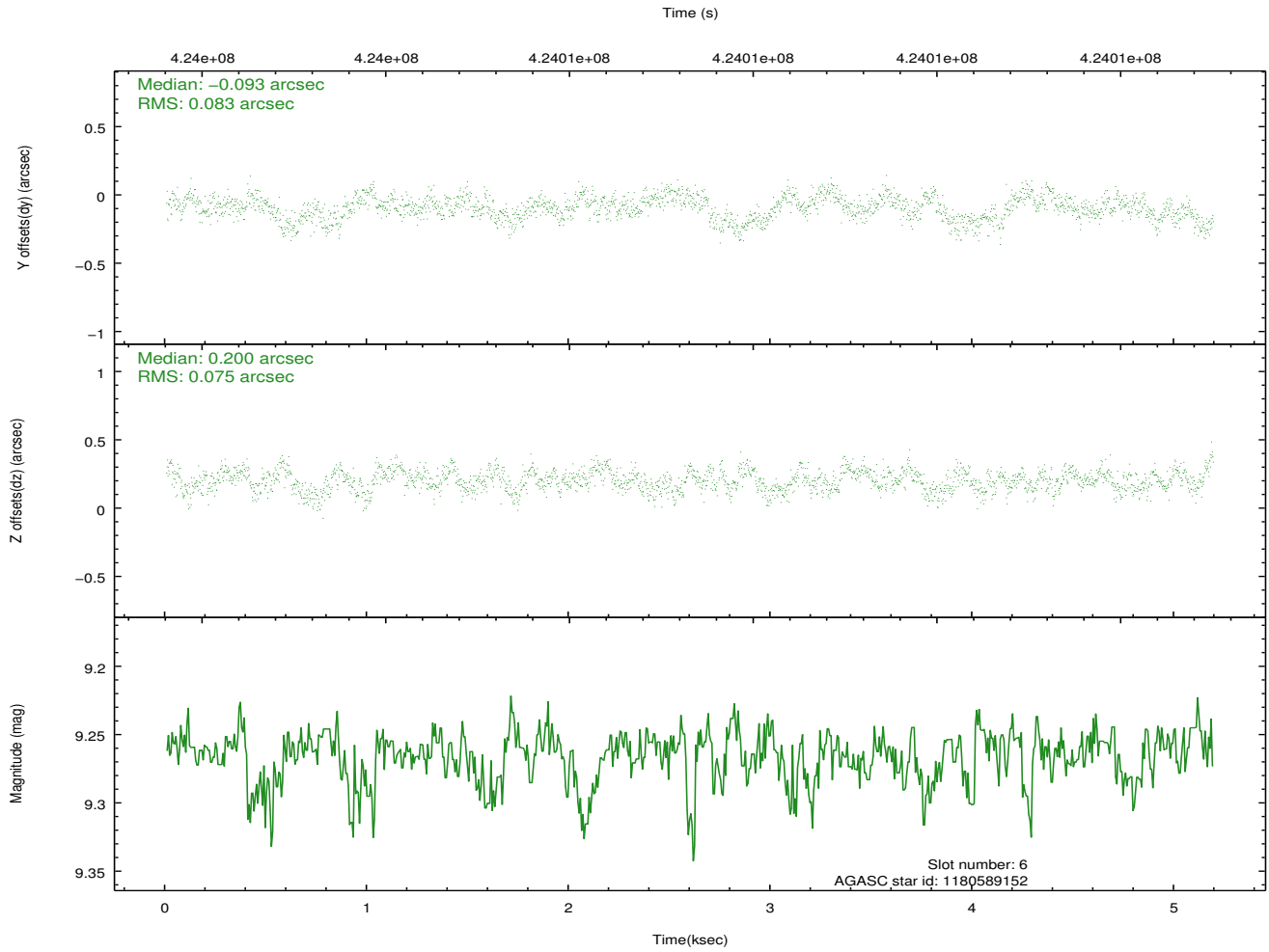
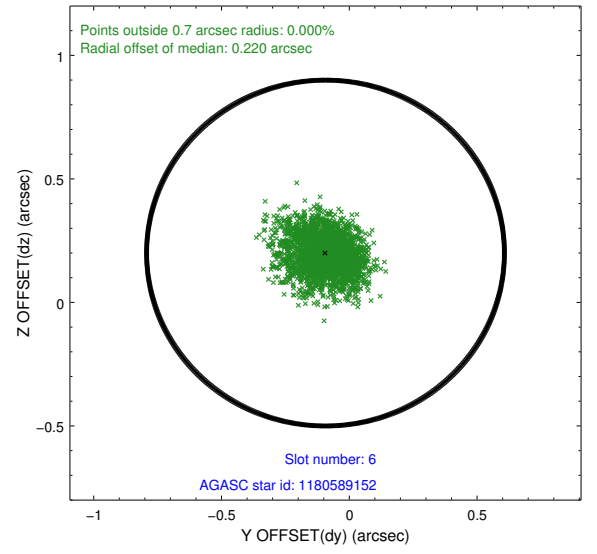
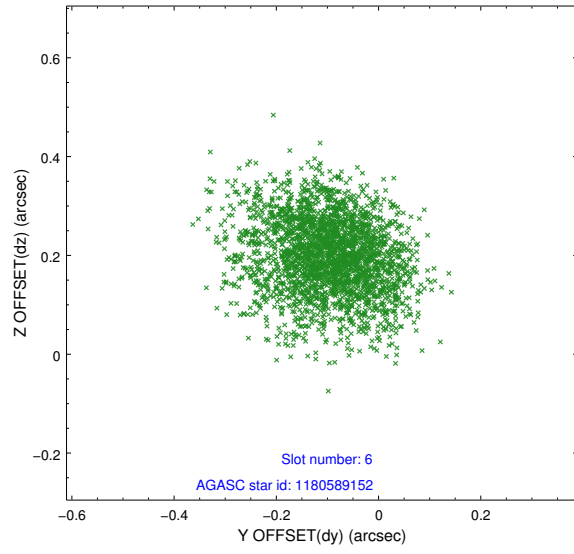
2.4.2 Slot 4



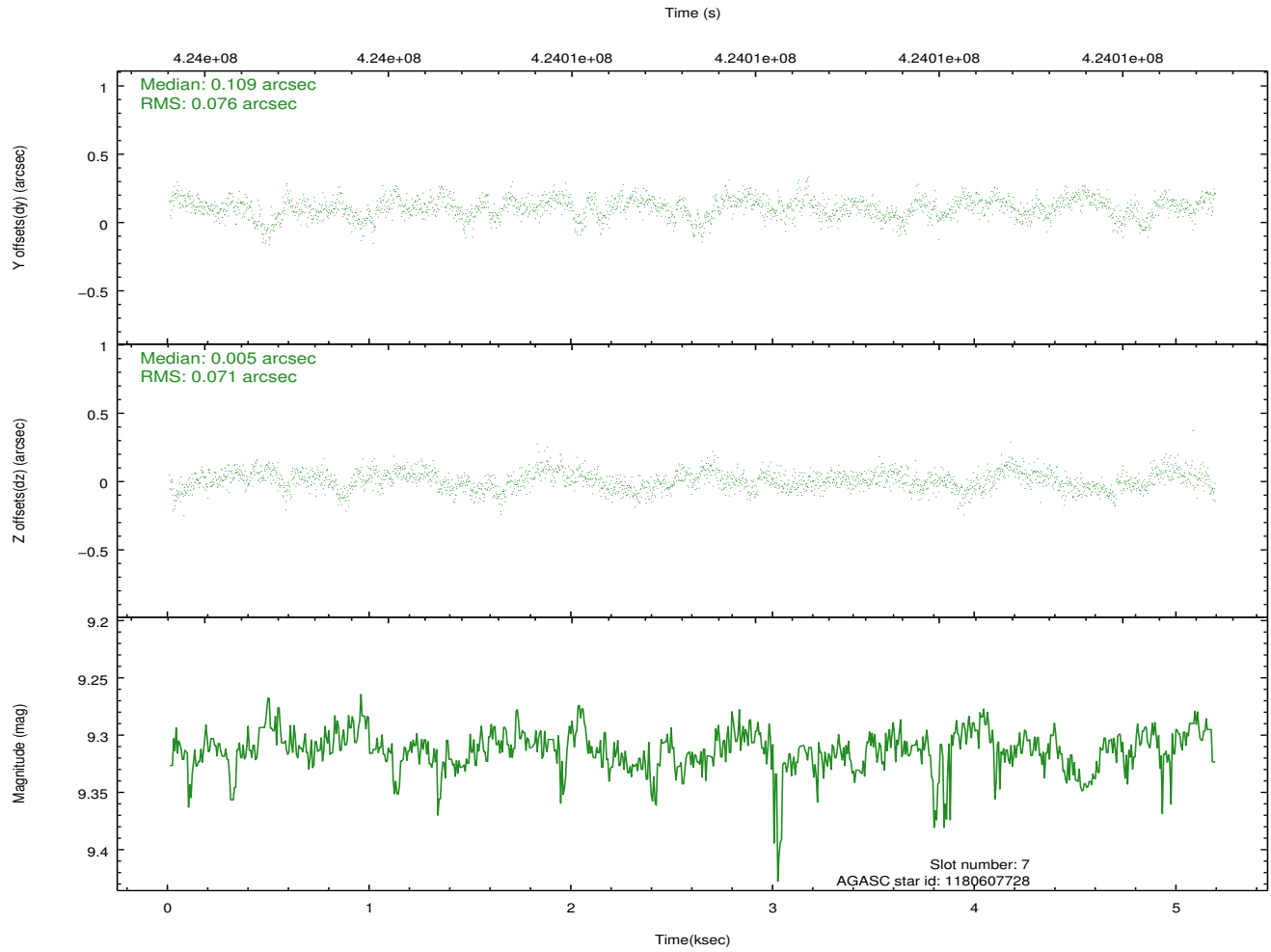
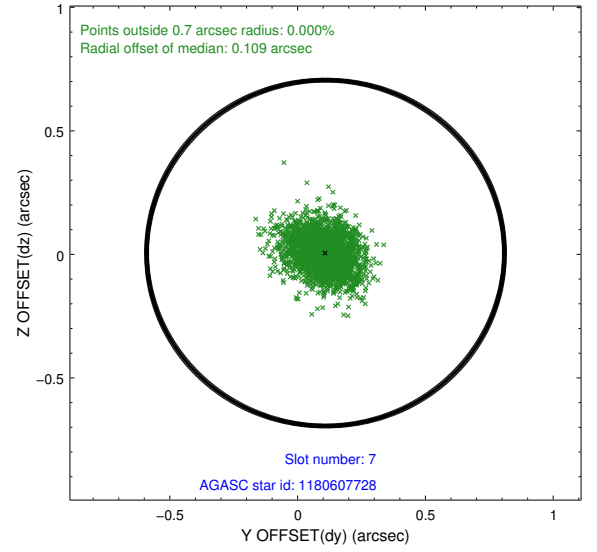
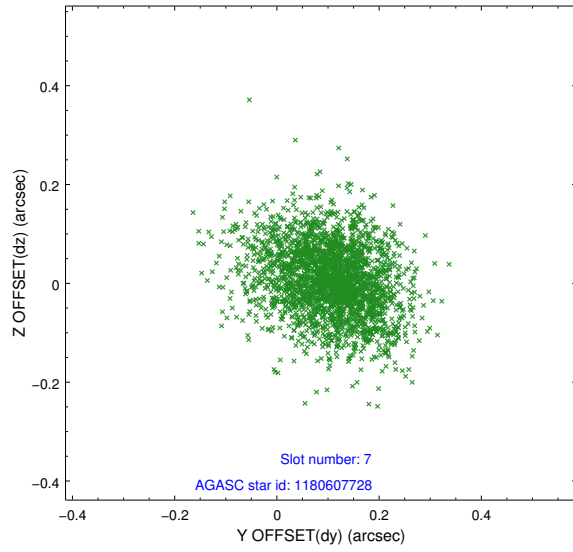
2.4.3 Slot 5



2.4.4 Slot 6

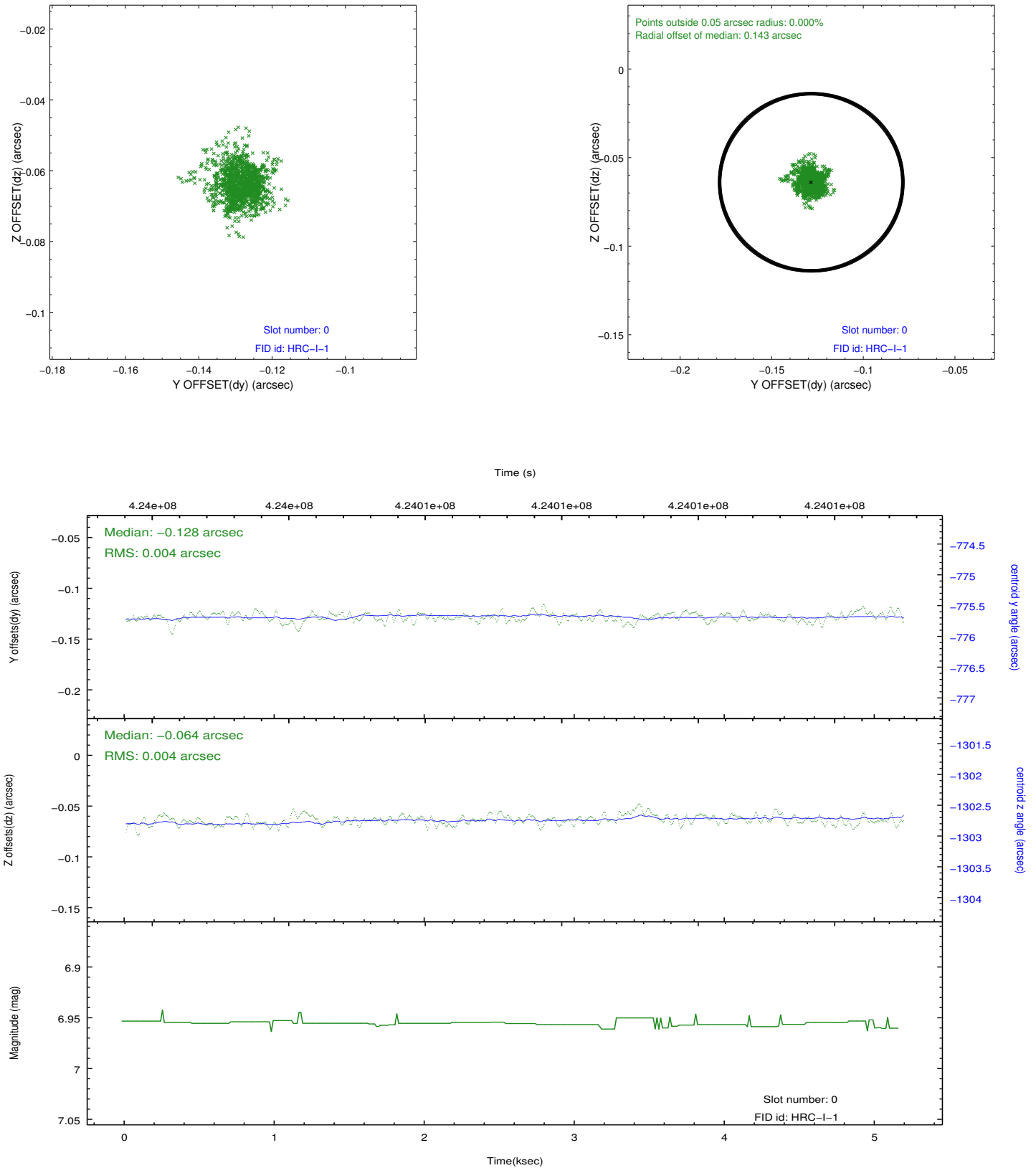


2.4.5 Slot 7

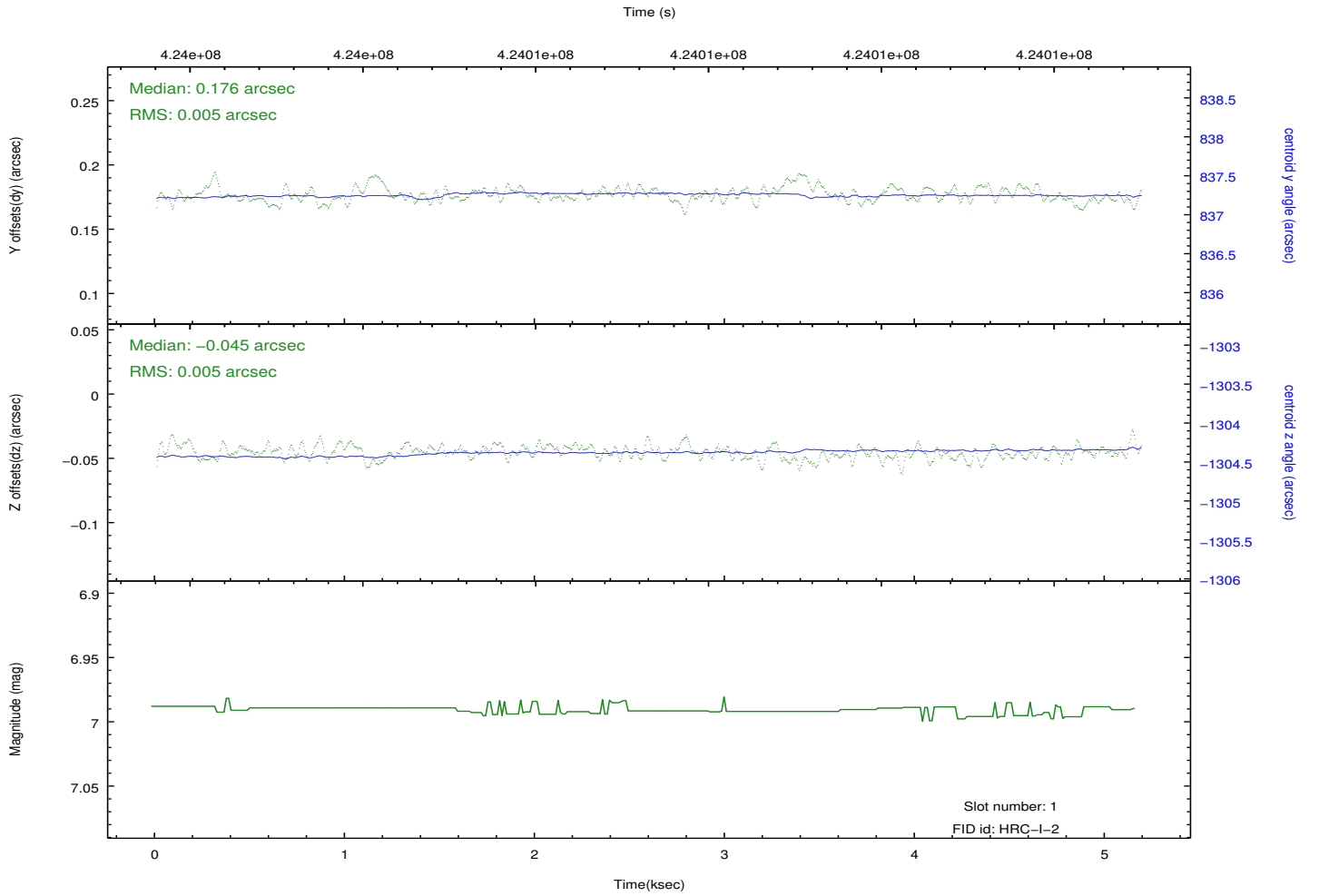
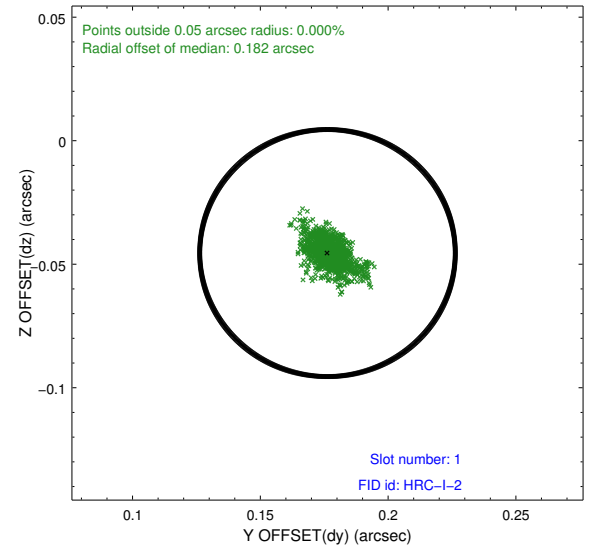
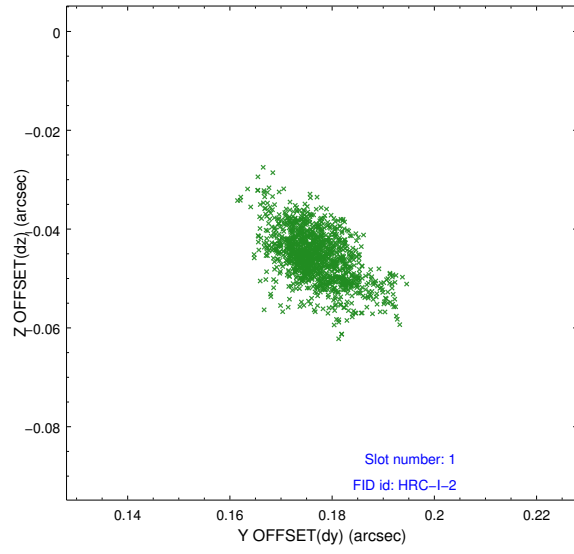


2.5 FID Slots

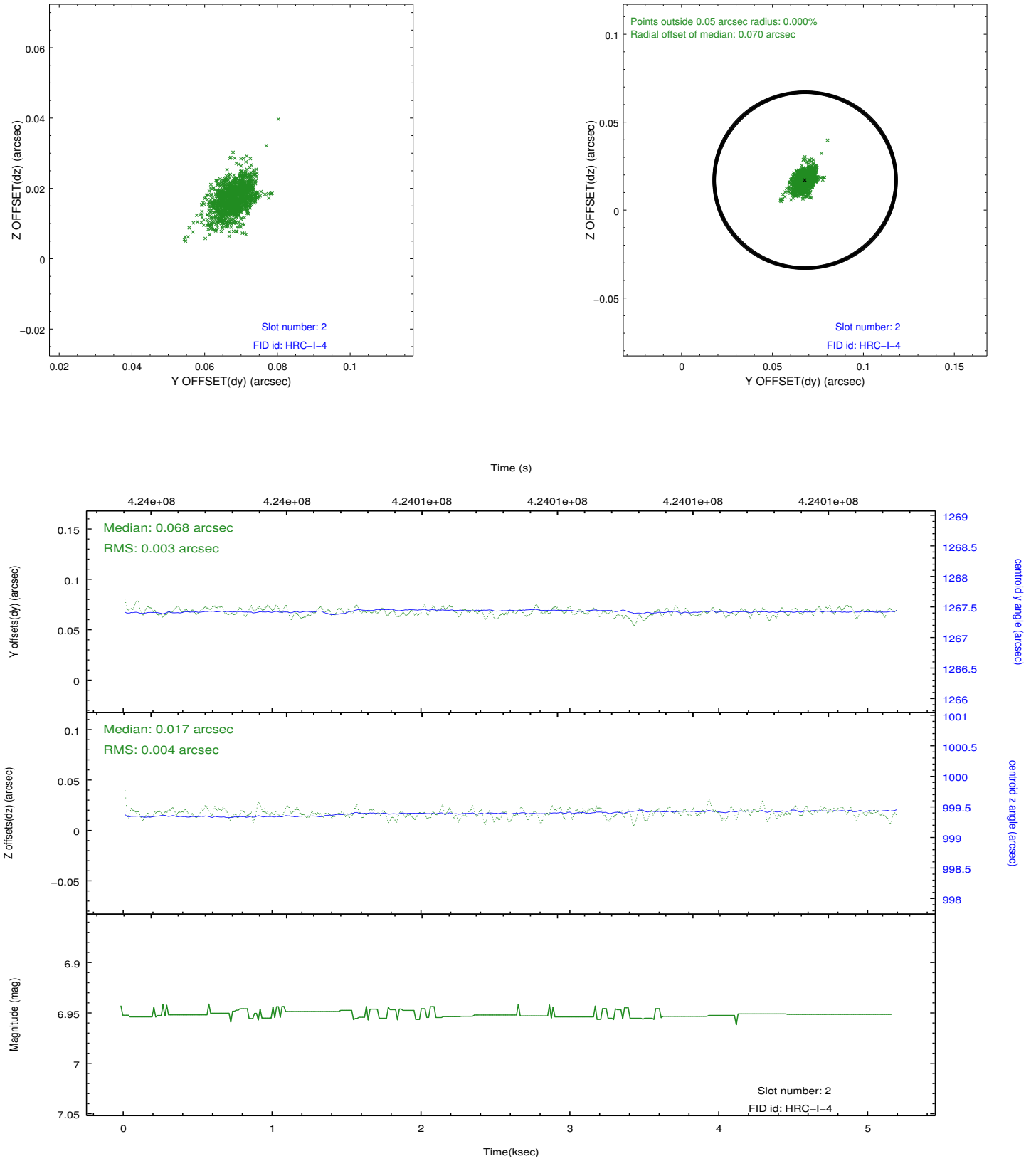
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9425502570271

A.2 Comments

Joint proposal with HST.