

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1974 - L2 Version 6
Chandra X-Ray Center

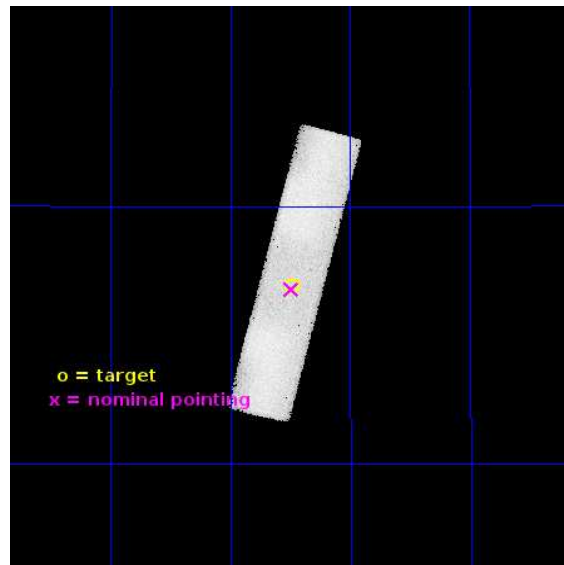
L2 Processing Date : Jun 28 2013

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1 Front

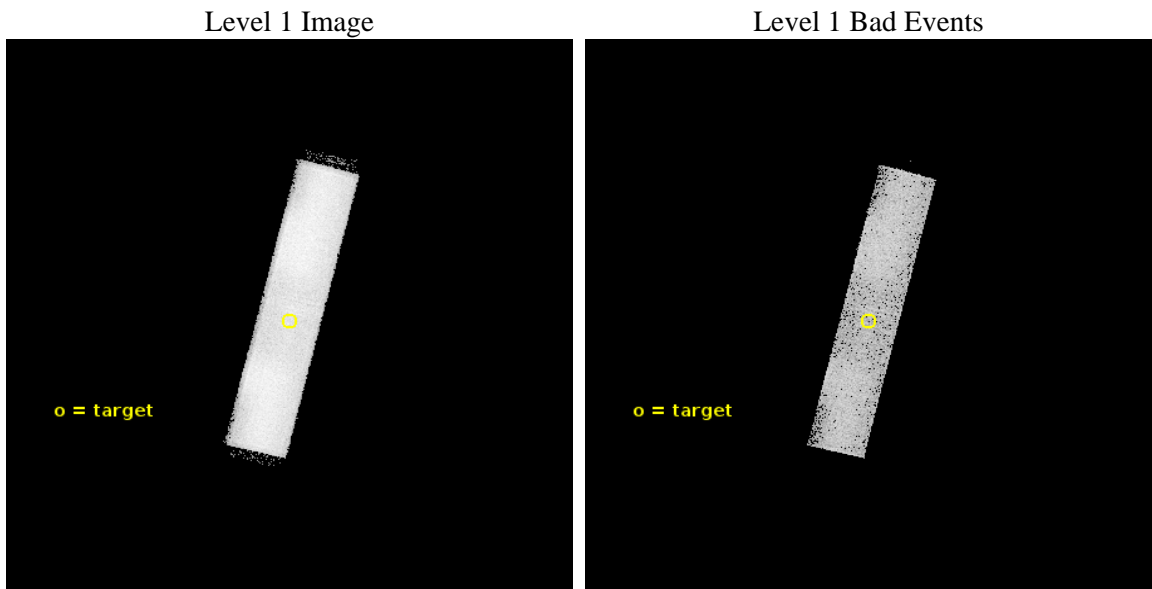
seq_num	500151	Sequence number
obs_id	1974	Observation id
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	1RXSJ0245+2620	Source name
ra_targ	41.370417	Observer's specified target RA [deg]
dec_targ	26.344167	Observer's specified target Dec [deg]
ra_nom	41.37266173915	Nominal RA [deg]
dec_nom	26.33941190923	Nominal Dec [deg]
roll_nom	283.9738955643	Nominal Roll [deg]
revision	6	Processing version of data
ontime	822.30628159642	[s]
livetime	628.792070231	Ontime multiplied by DTCOR
l2events	139110	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	822.30628159642	[s]
caldsver	4.5.7	 	l1events	214063	Number of level 1 events
date	2013-06-28T23:17:49	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

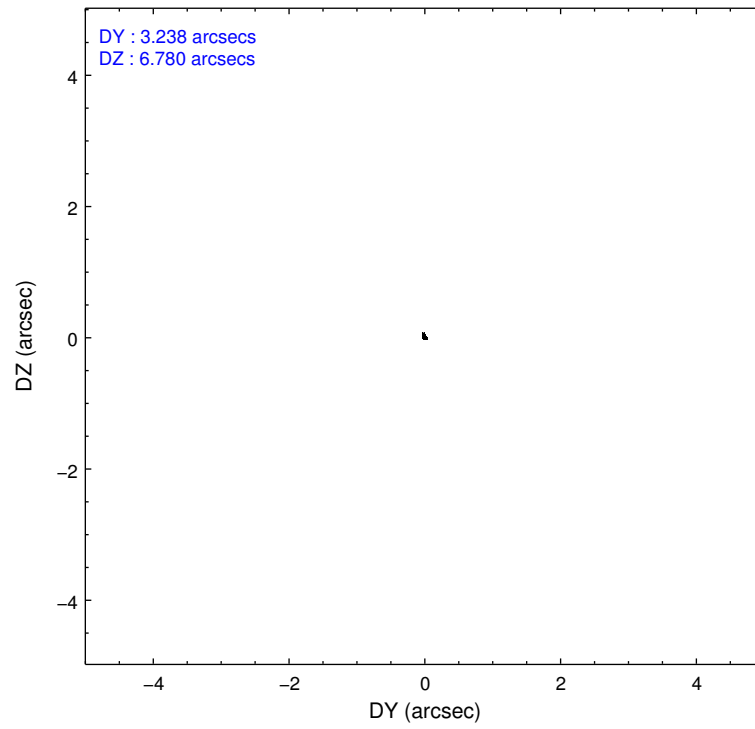
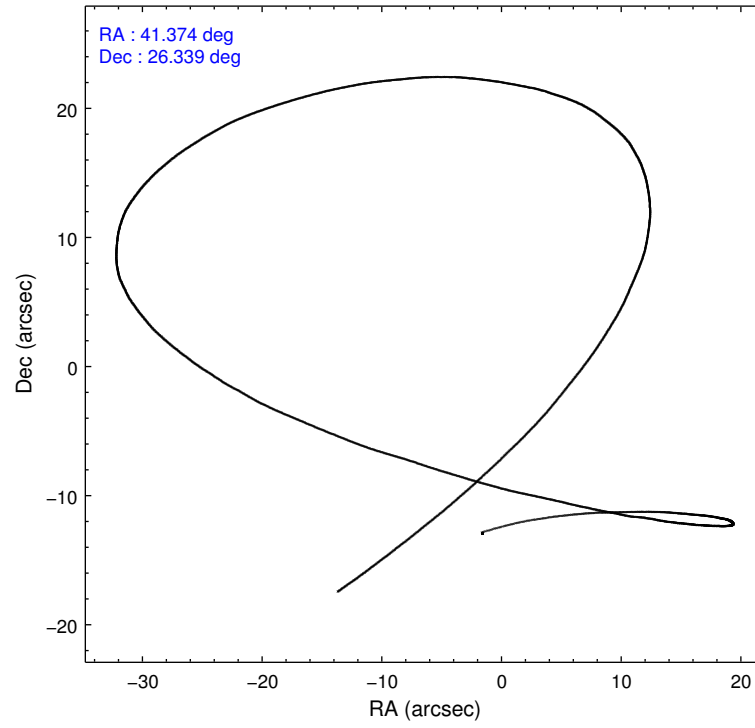
	segment 1	segment 2	segment 3
level 1 events	69	213994	0
rejected events	27	62305	0
rejected %	39%	29%	0%

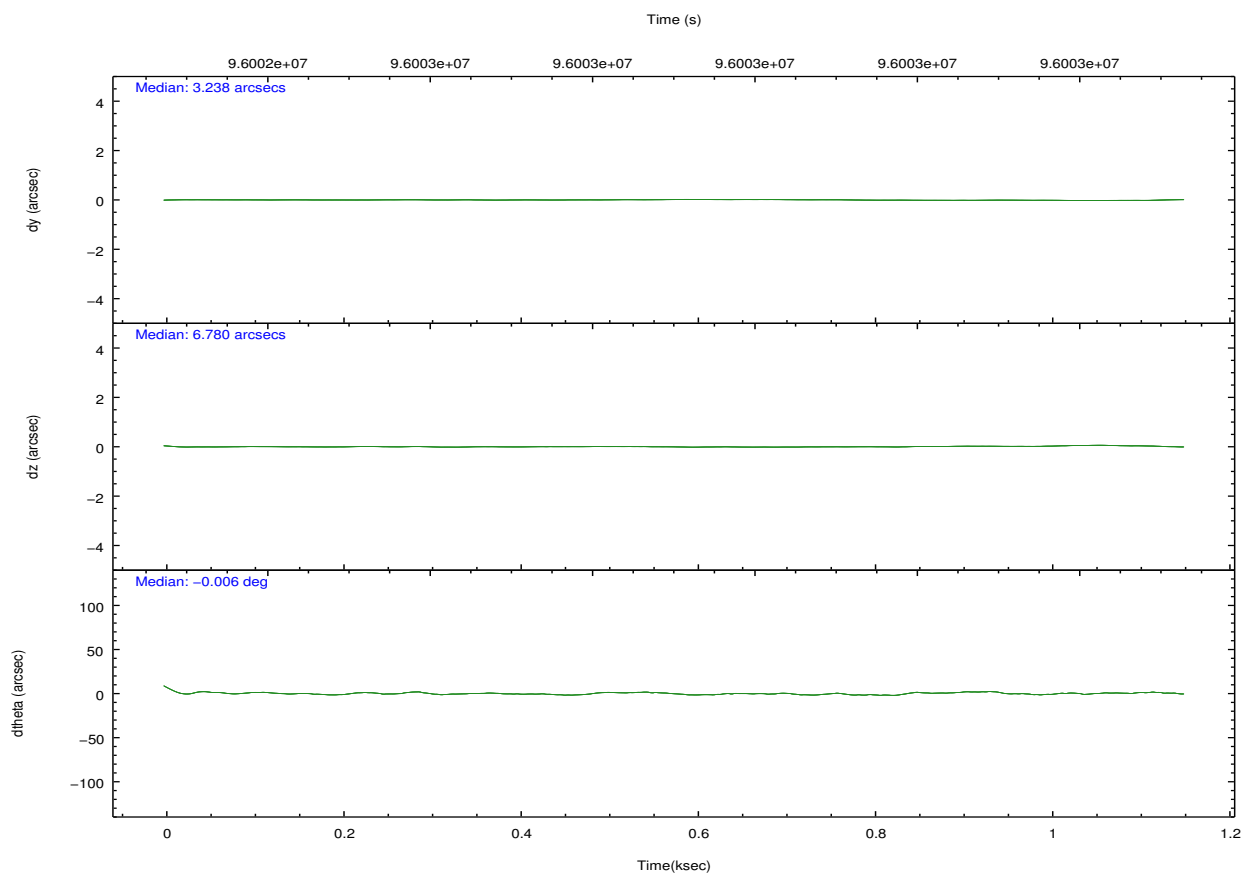
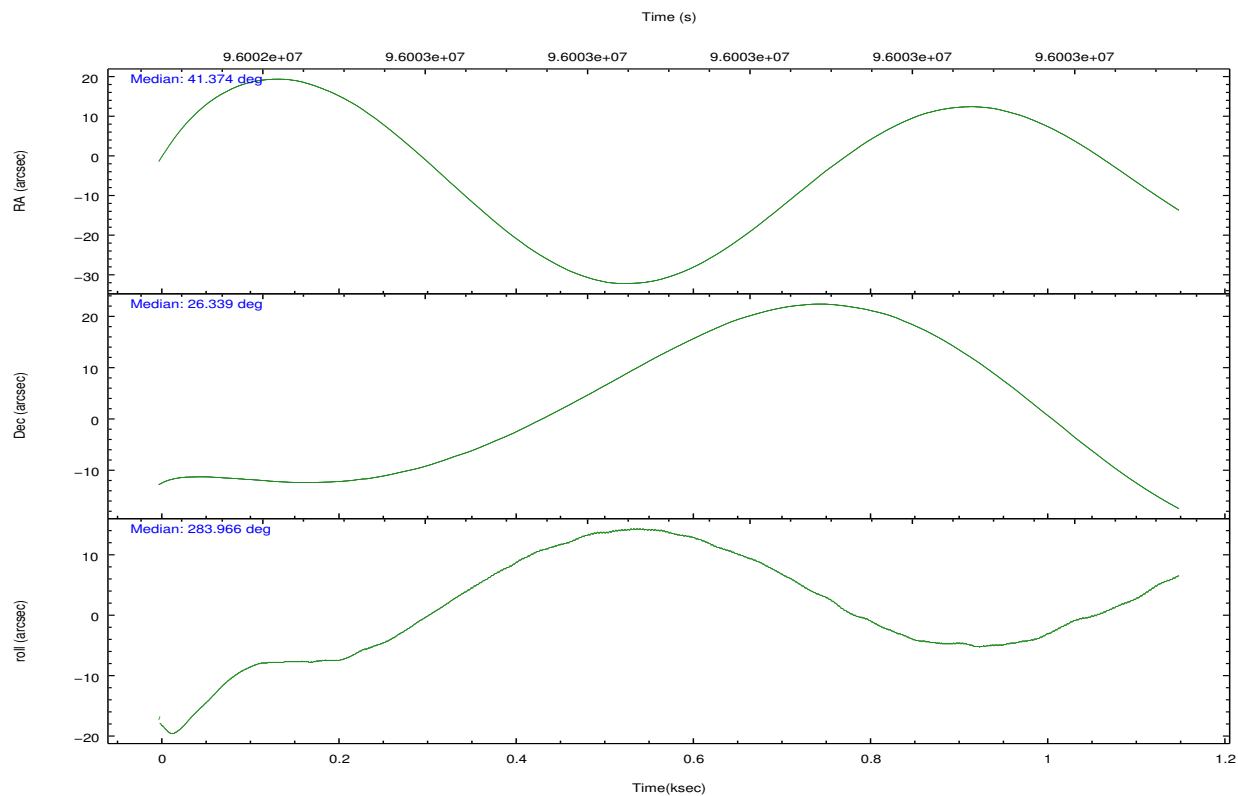
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	41.348257	41.37266173914999
[deg] Pointing Dec	26.359168	26.33941190923004
[deg] Pointing Roll	283.917563	283.9738955642991
[mm] SIM focus pos	-1.529586	-1.523540733526241
[mm] SIM defocus	0.003750771043328743	0.009795905878055677
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	96002476.184000	96001614.02641401
Observation start date	2001-01-16T03:20:12	2001-01-16T03:06:54
[s] Observation end time (MET)	96003476.184000	96003793.176498
Observation end date	2001-01-16T03:36:52	2001-01-16T03:43:13

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



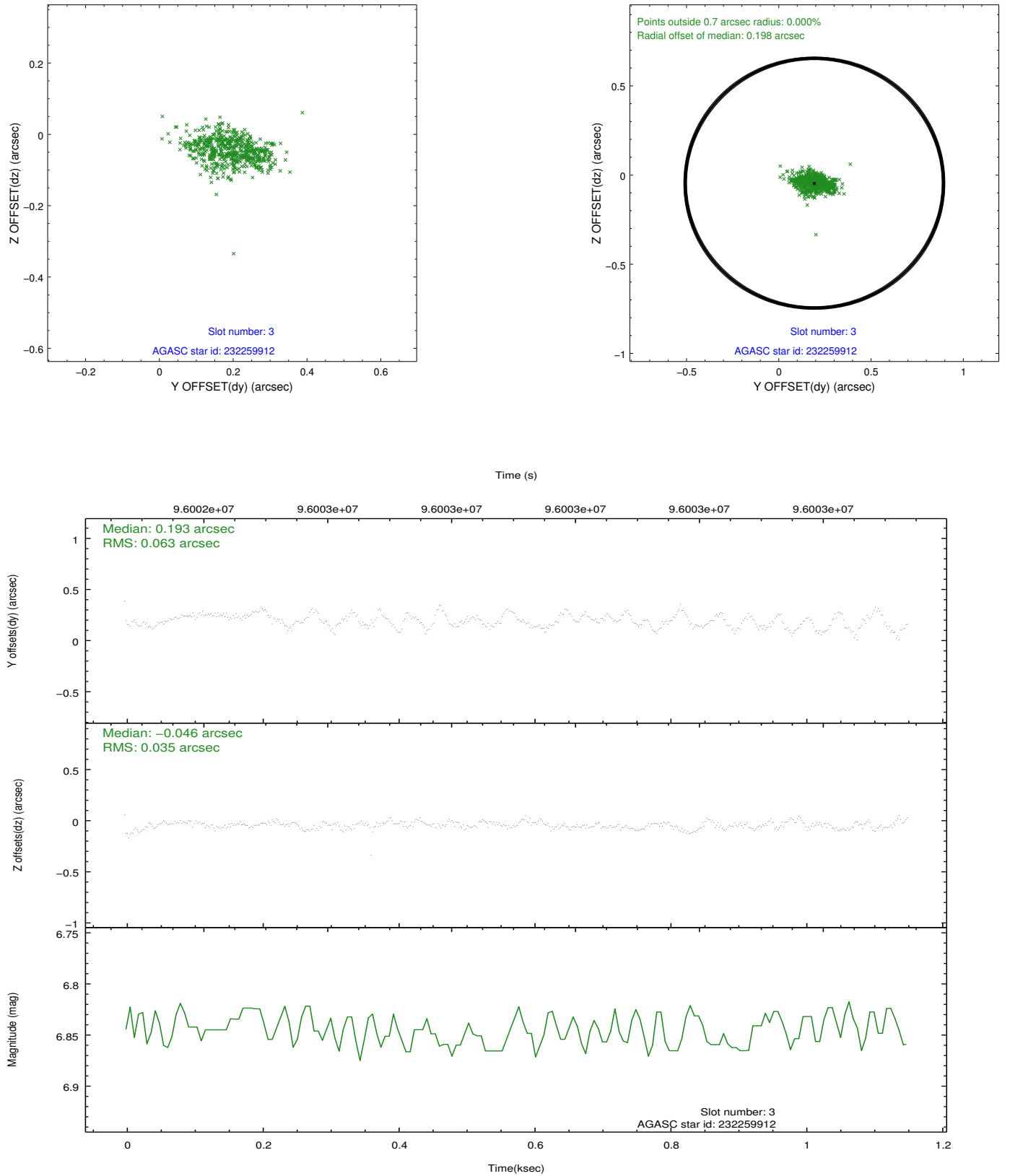


Slot Statistics

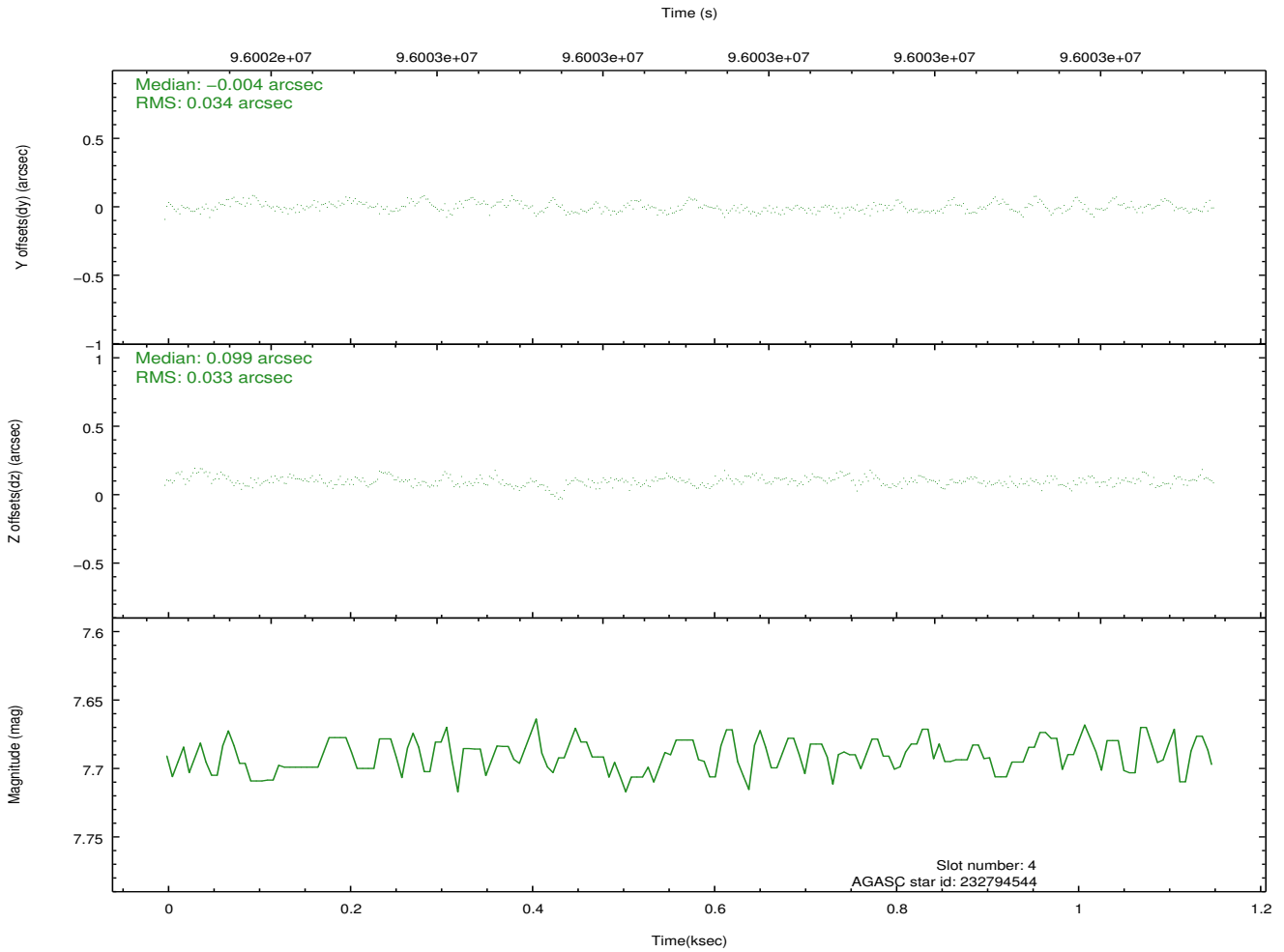
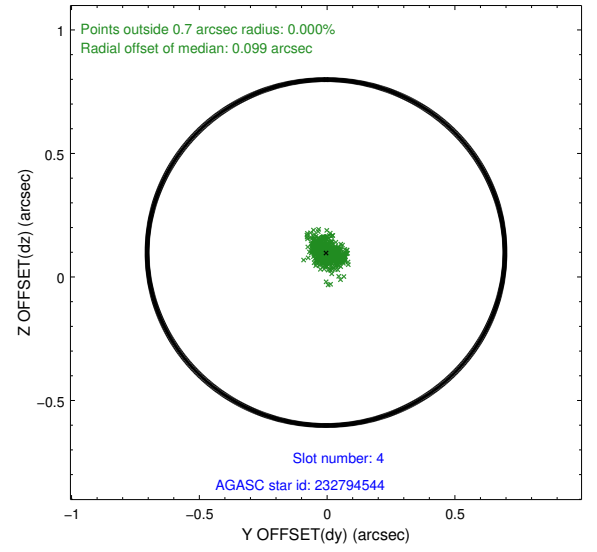
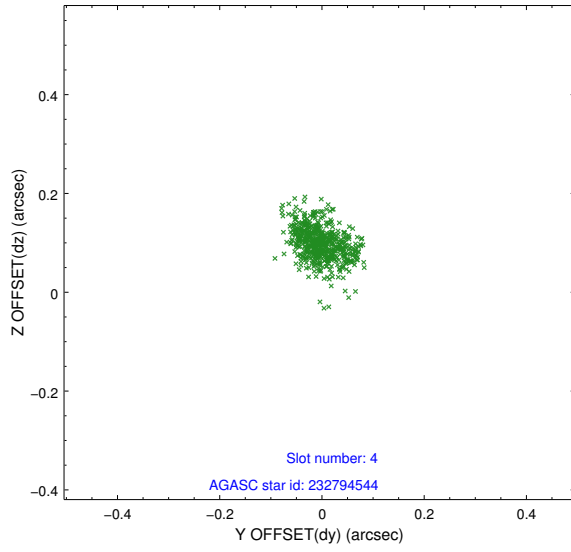
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	281	0.103	-0.095	0.006	0.009	0.000000	0.000000	-1157.28	-455.29
1	FID	HRC-S-3	7.00	281	0.162	-0.113	0.007	0.012	0.000000	0.000000	-1164.10	572.59
2	FID	HRC-S-4	6.92	281	0.123	-0.089	0.005	0.009	0.000000	0.000000	1236.79	578.93
3	GUIDE	232259912	6.84	563	0.193	-0.046	0.075	0.120	40.963514	25.638344	2215.04	-1839.77
4	GUIDE	232794544	7.69	563	-0.004	0.099	0.050	0.081	41.802562	26.738414	-974.83	1739.28
5	GUIDE	232791680	8.95	561	-0.069	0.113	0.069	0.113	41.471589	27.027997	-2246.21	961.86
6	GUIDE	232792360	8.73	563	-0.096	-0.004	0.062	0.101	40.871916	26.926833	-2360.17	-994.67
7	GUIDE	232794976	8.82	562	-0.026	-0.167	0.097	0.147	40.618059	26.503168	-1081.49	-2163.36

2.4 Star Slots

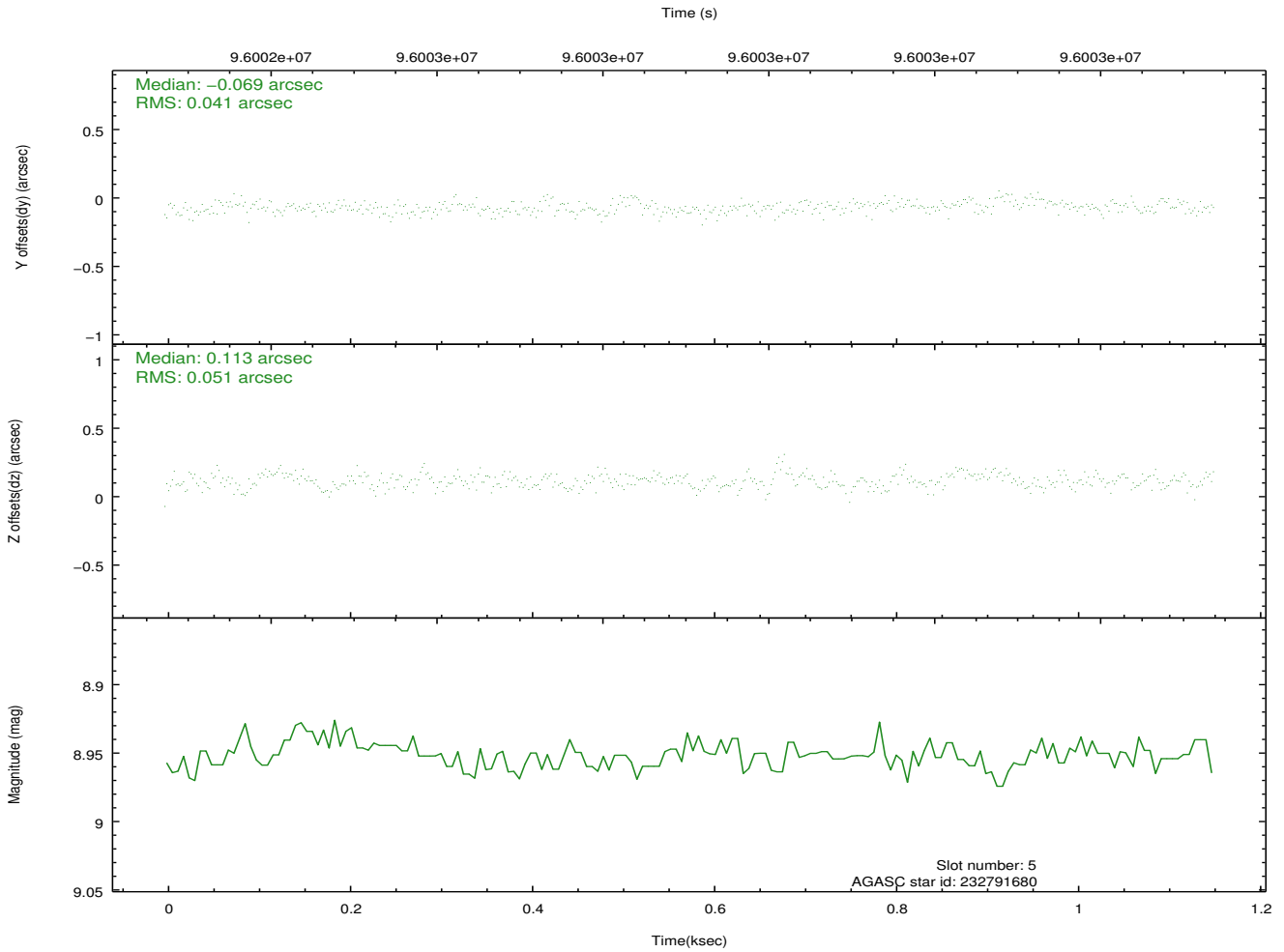
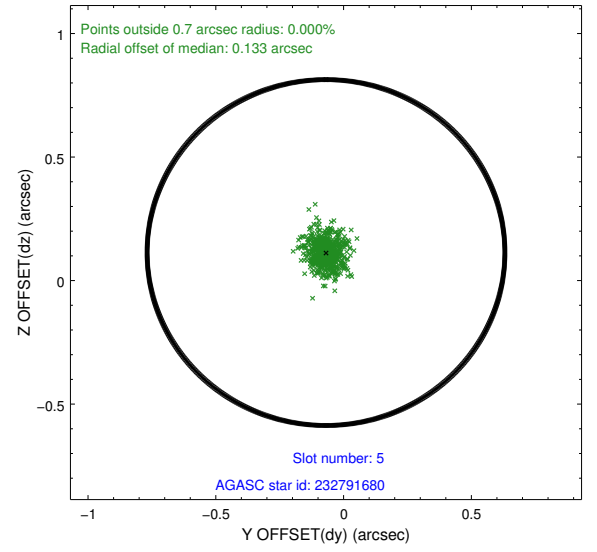
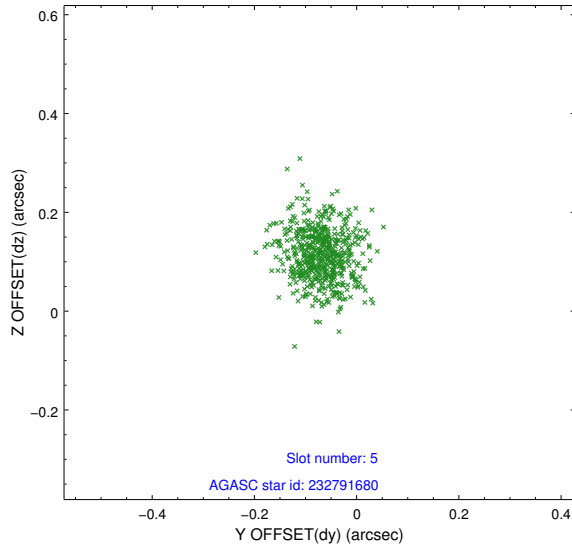
2.4.1 Slot 3



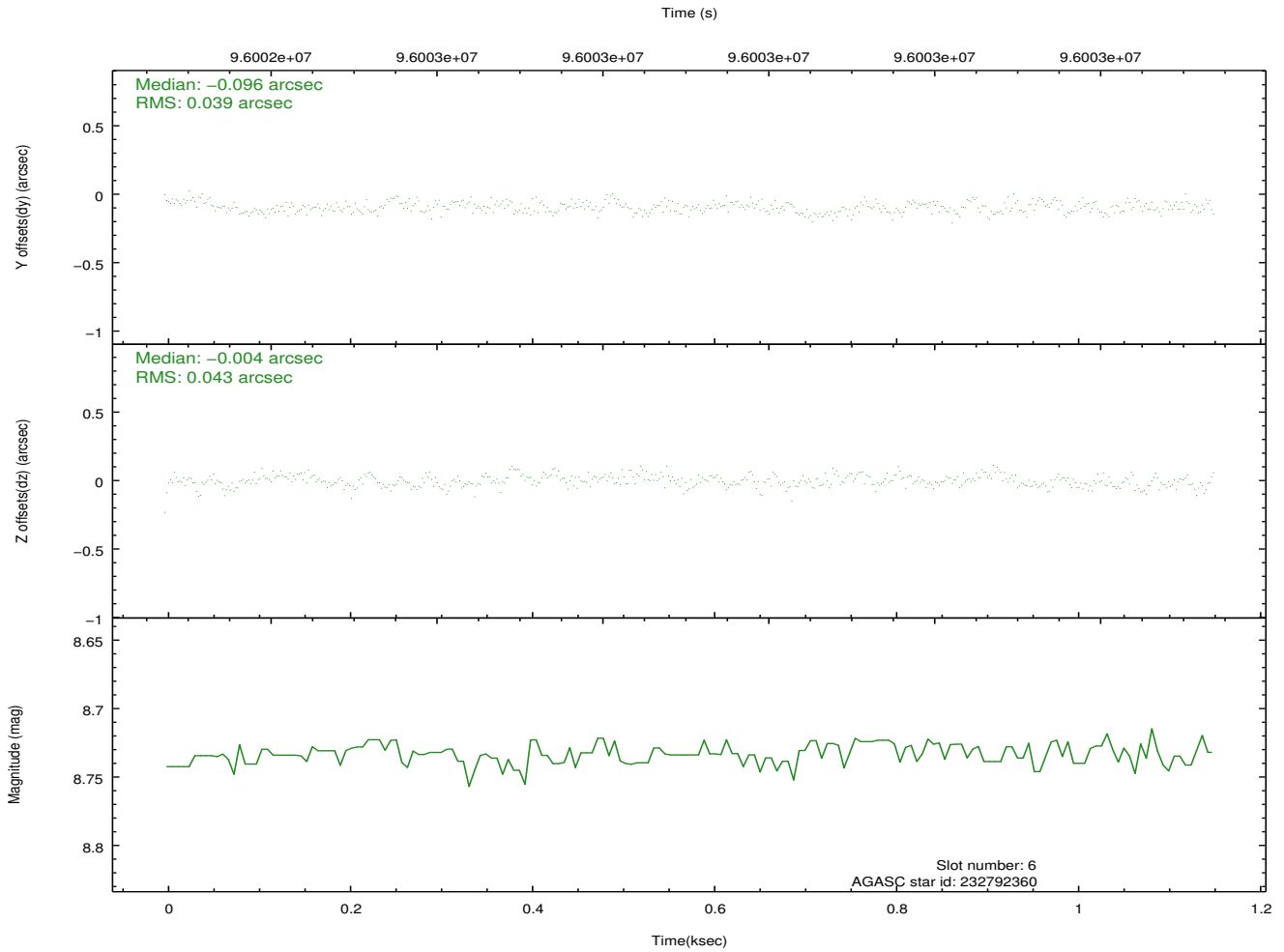
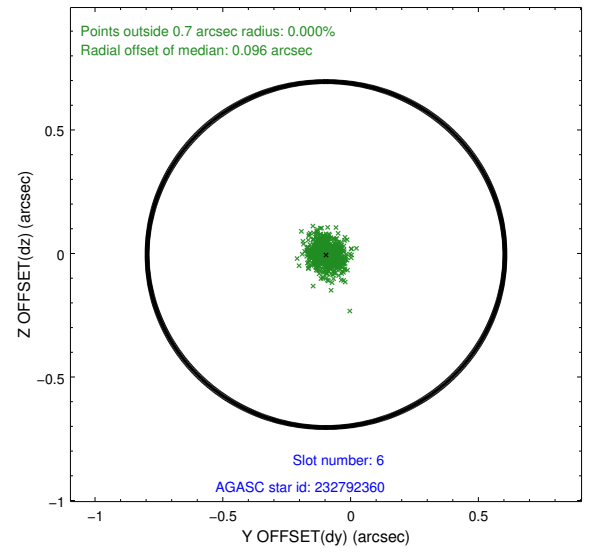
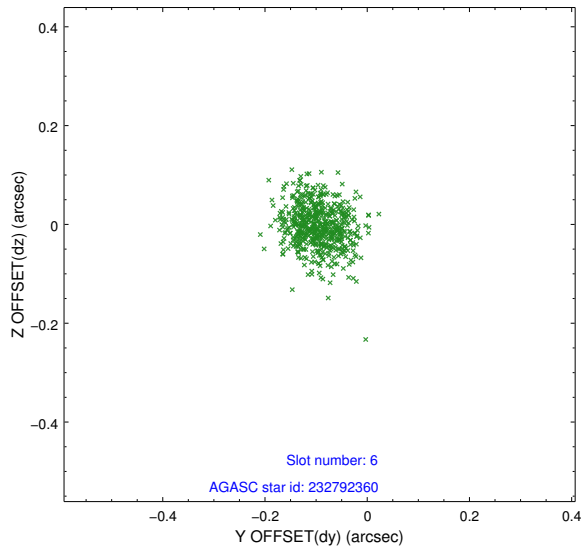
2.4.2 Slot 4



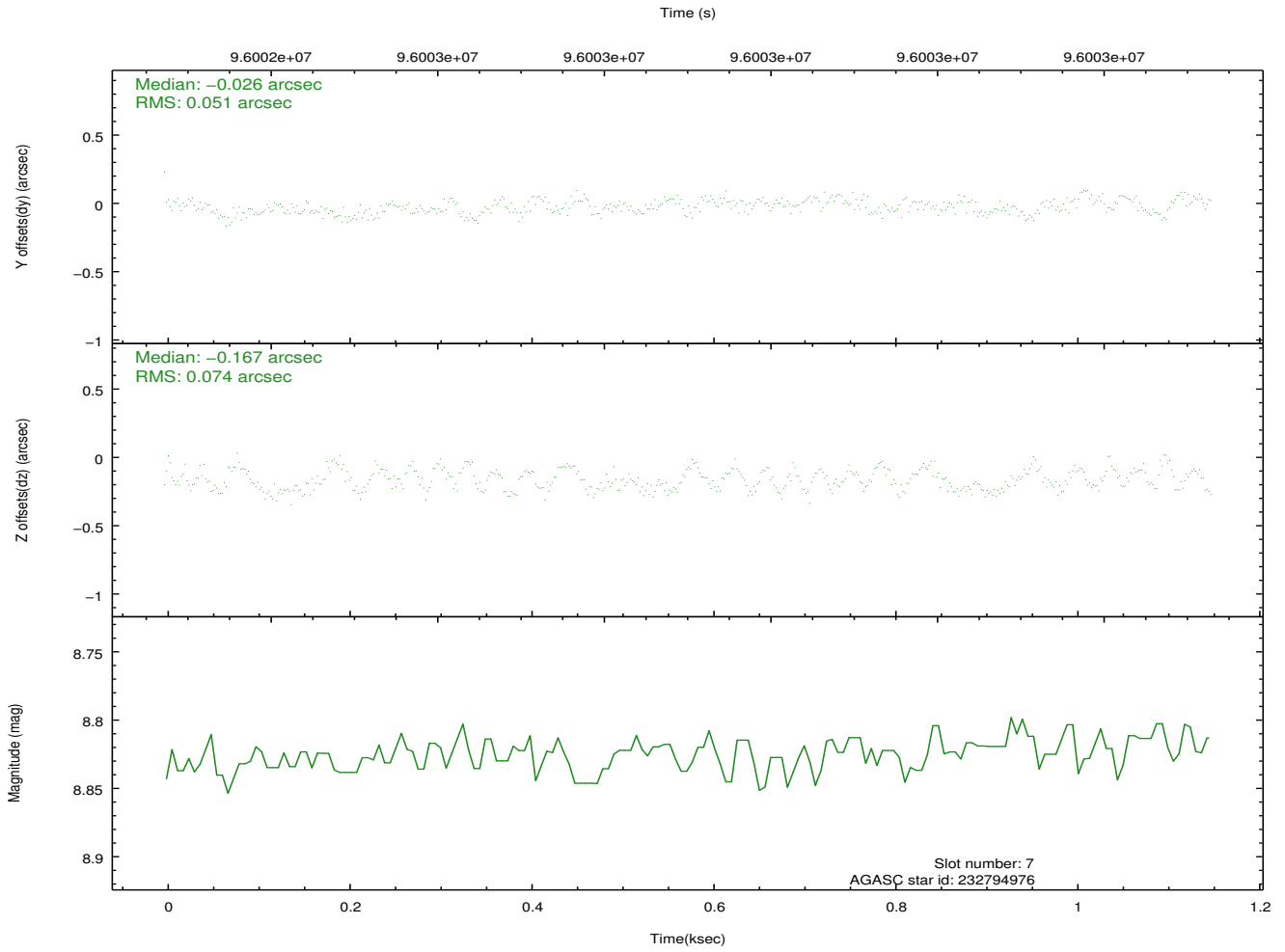
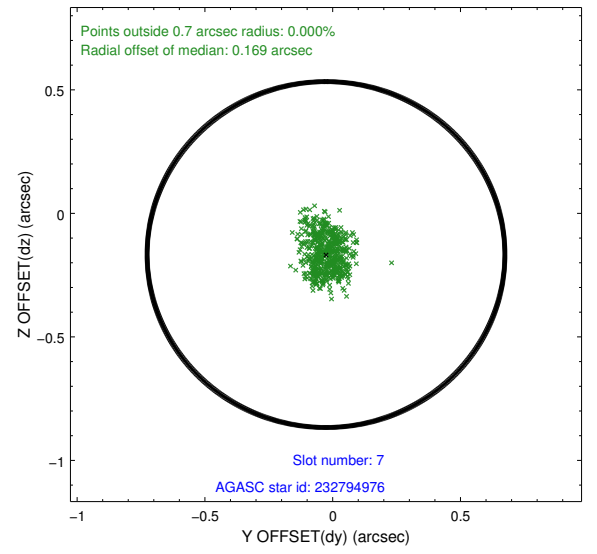
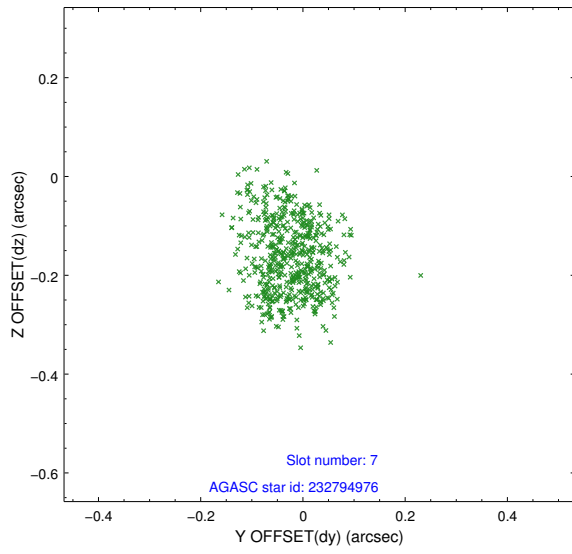
2.4.3 Slot 5



2.4.4 Slot 6

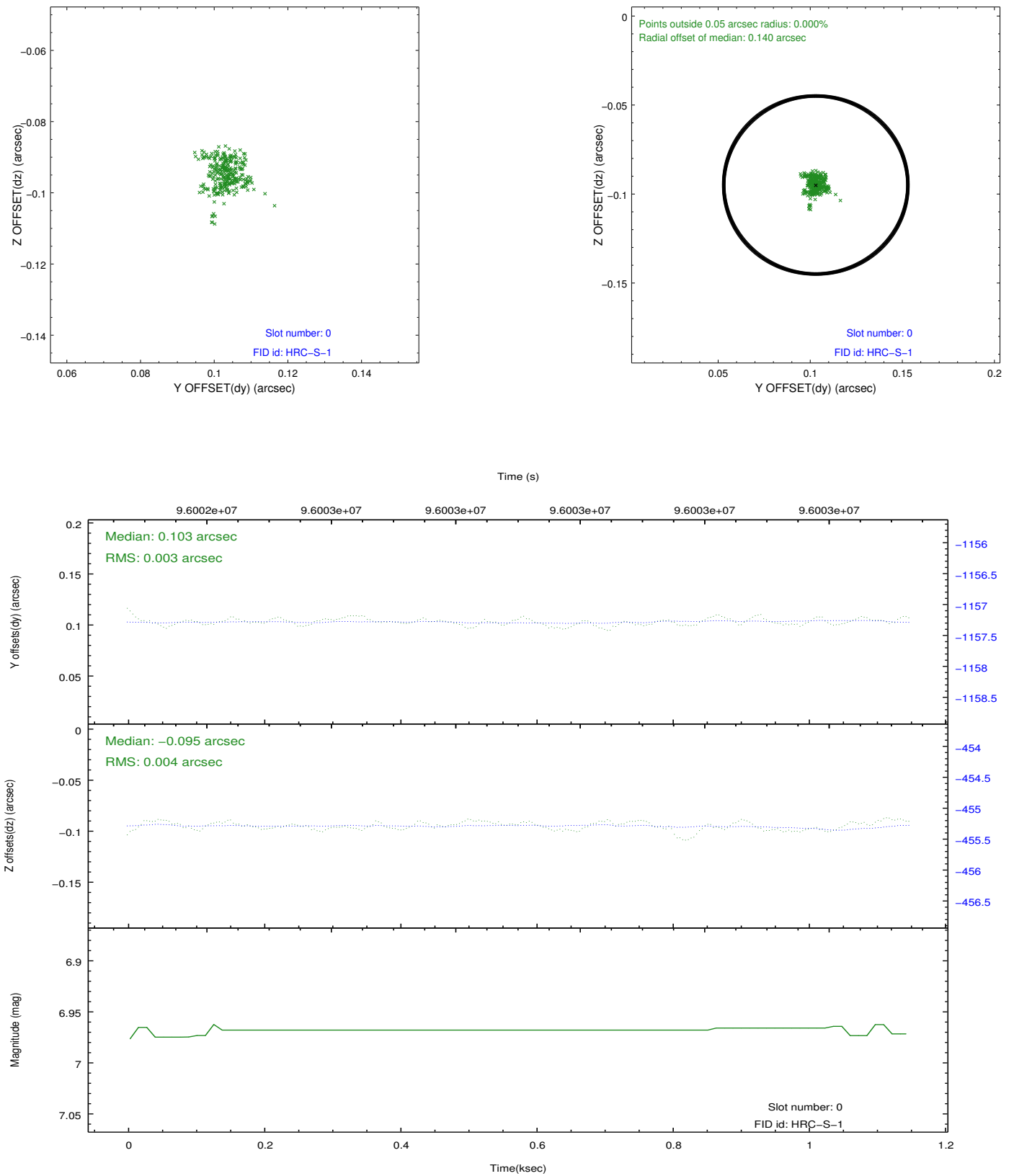


2.4.5 Slot 7

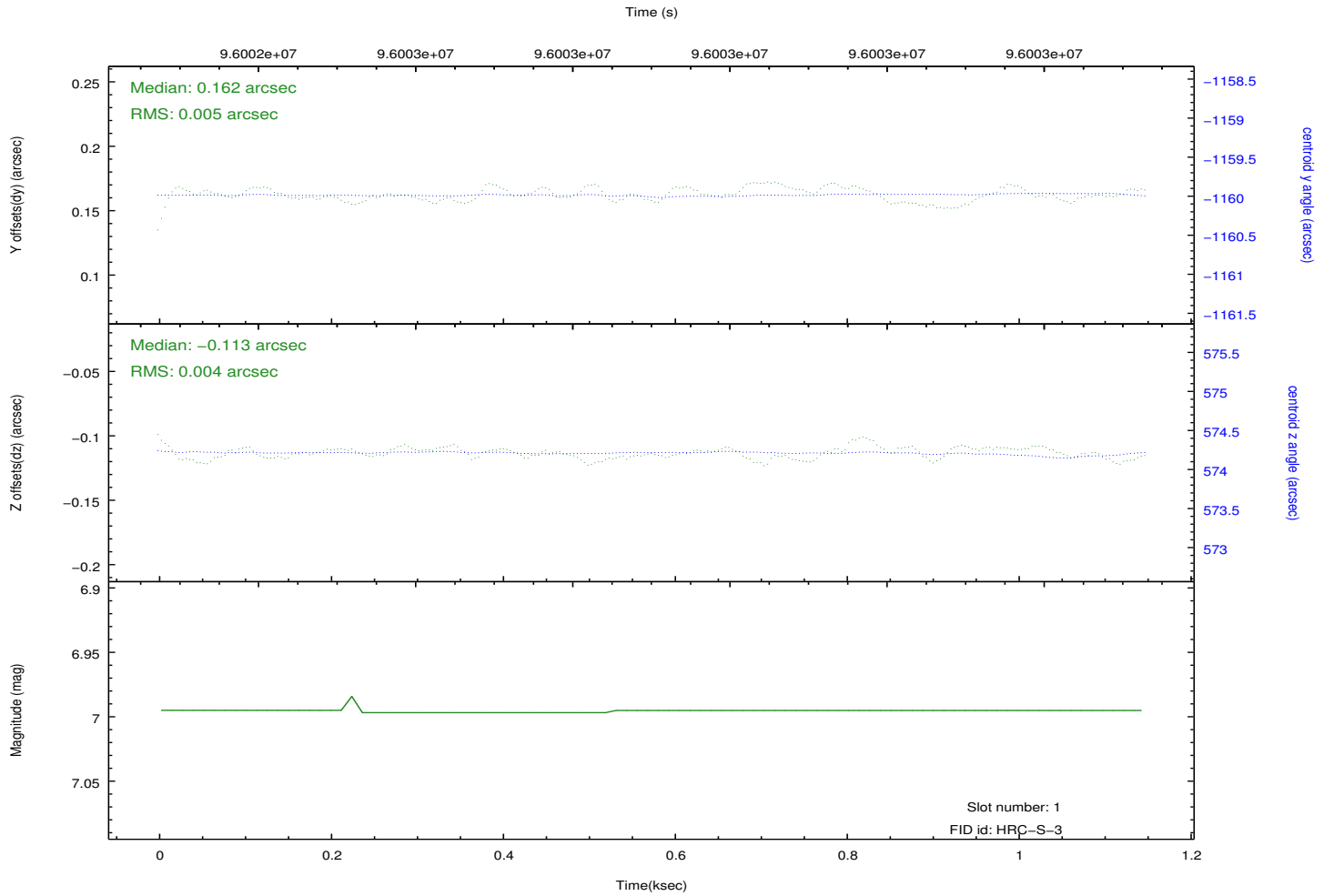
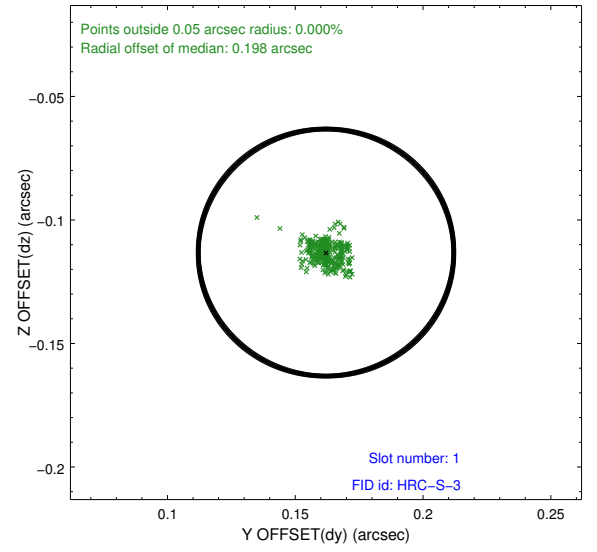
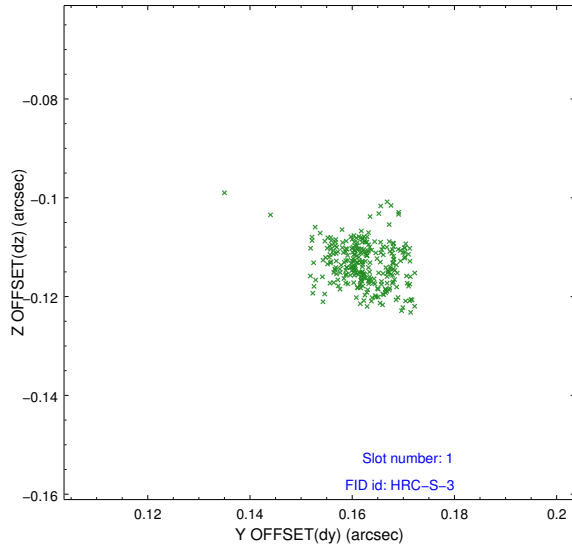


2.5 FID Slots

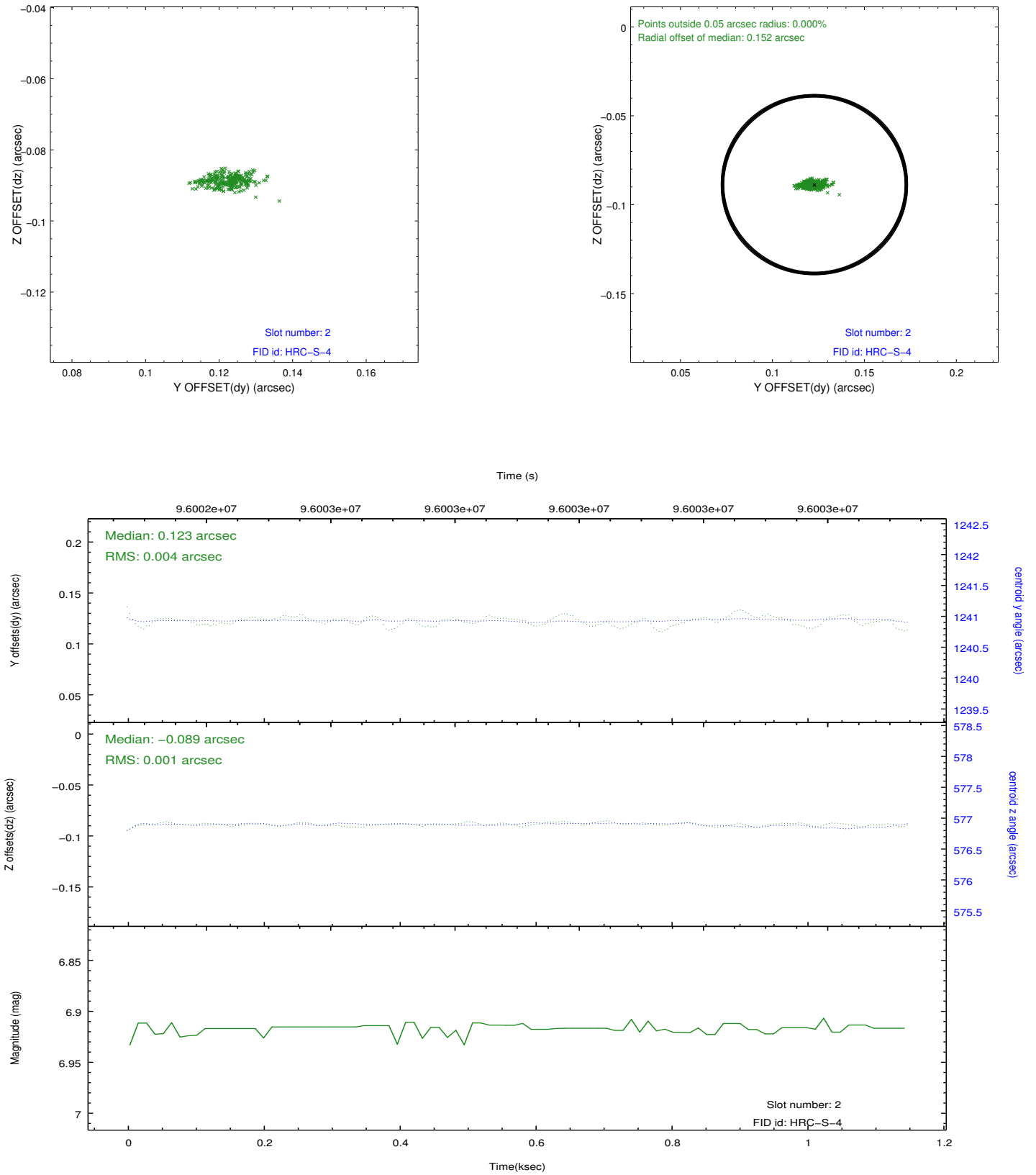
2.5.1 Slot 0



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)	2013.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.822

A.2 Comments