

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2892 - L2 Version 4
Chandra X-Ray Center

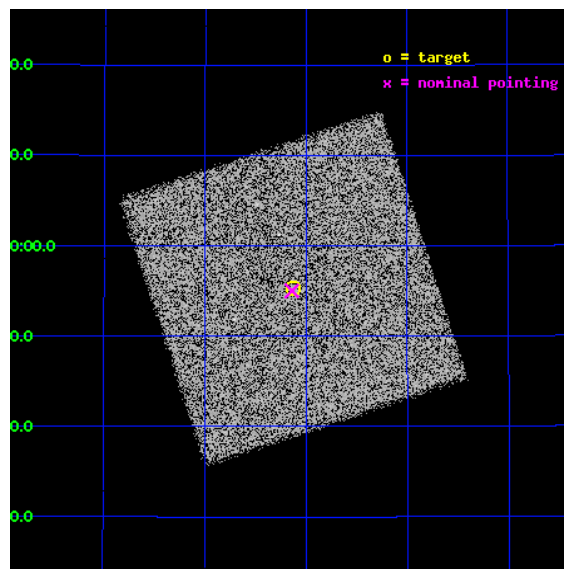
L2 Processing Date : Sep 30 2012

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1 Front

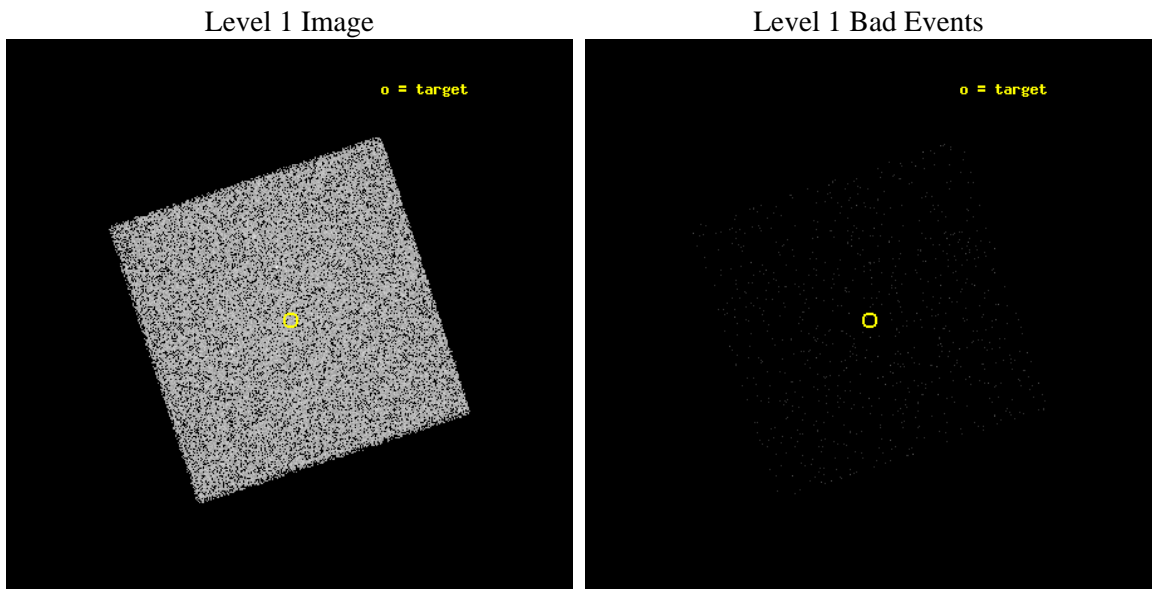
seq_num	600229	Sequence number
obs_id	2892	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-S1	Source name
ra_targ	10.532917	Observer's specified target RA [deg]
dec_targ	40.921	Observer's specified target Dec [deg]
ra_nom	10.534754154422	Nominal RA [deg]
dec_nom	40.917362168318	Nominal Dec [deg]
roll_nom	296.83754928569	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1091.8812939376	[s]
livetime	1083.7778935986	Ontime multiplied by DTCOR
l2events	56502	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	900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1091.8812939376	[s]
caldbver	4.5.2	 	l1events	103020	Number of level 1 events
date	2012-09-30T04:11:00	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

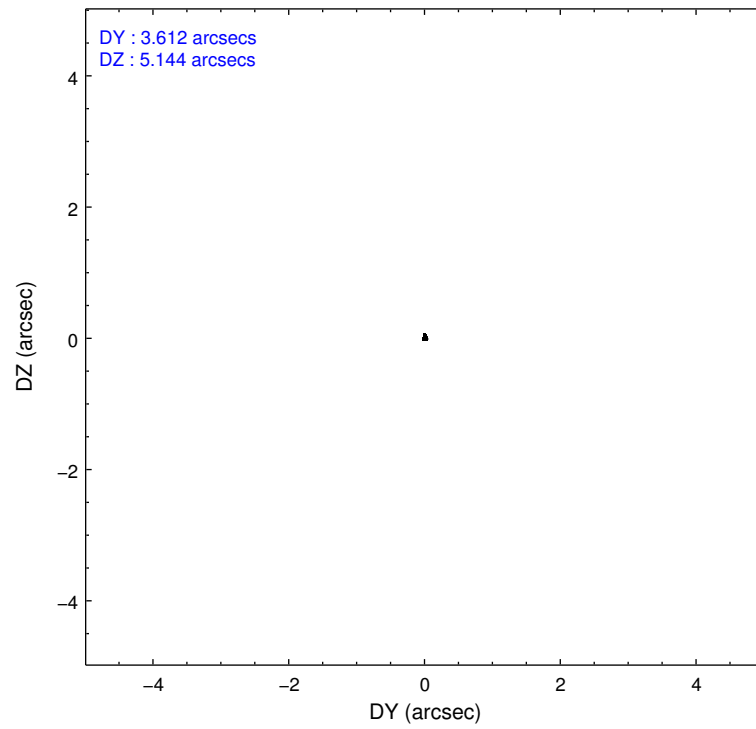
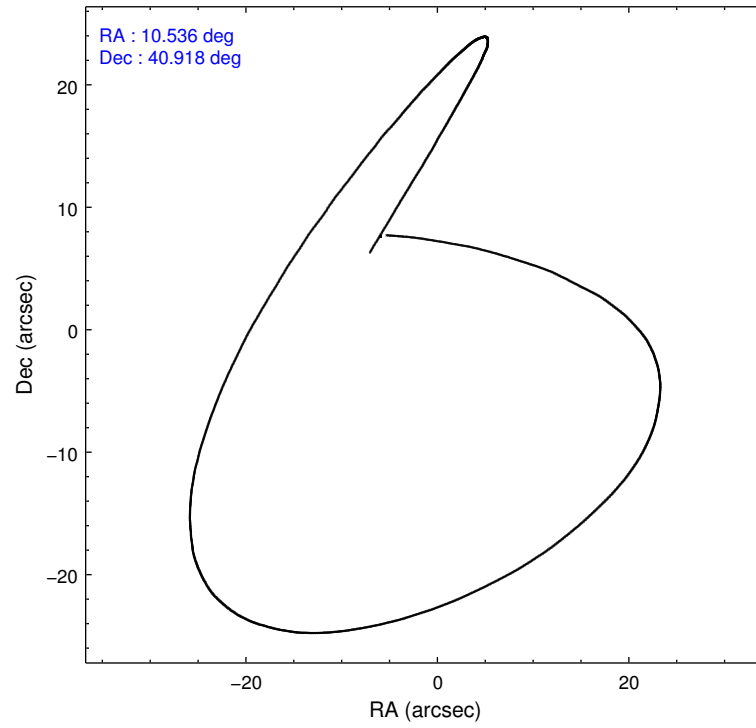
Level 1 Events

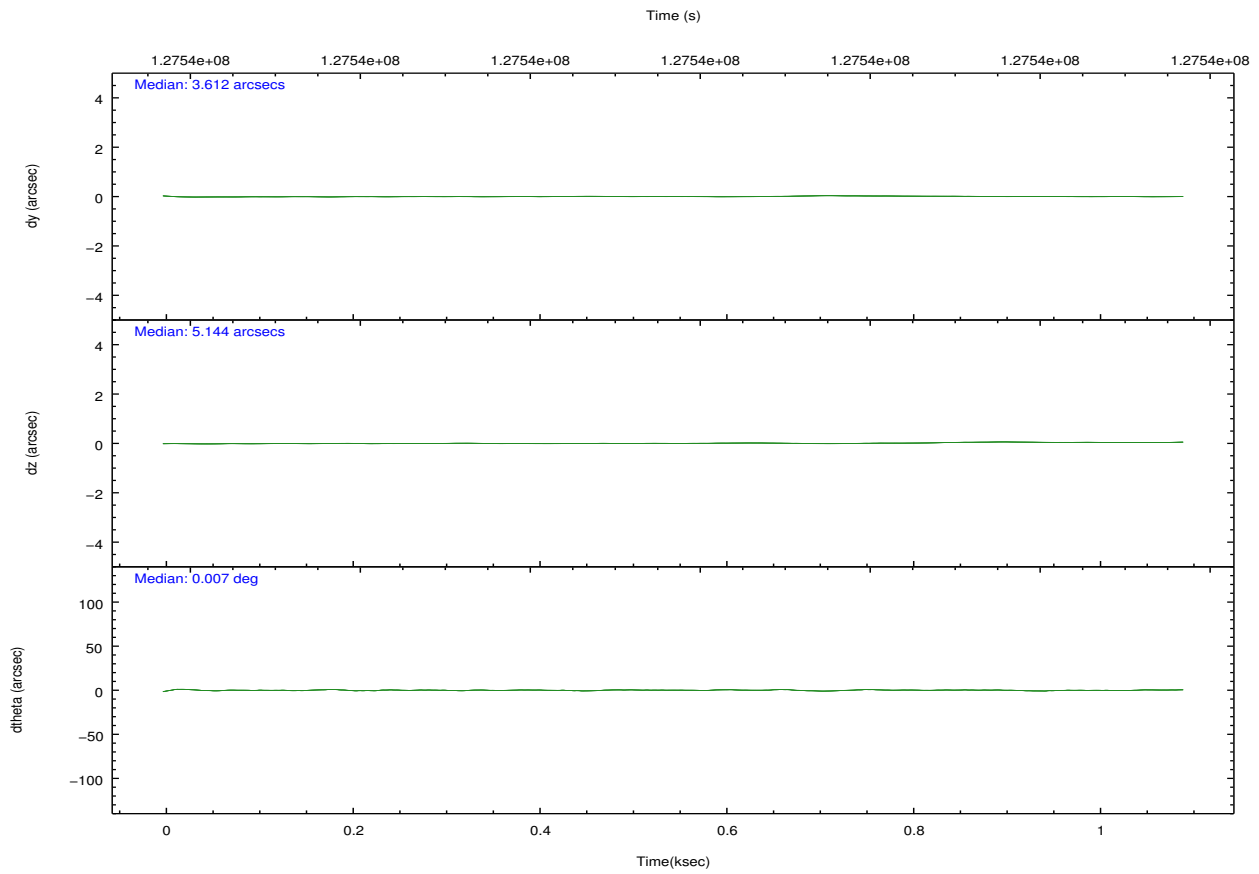
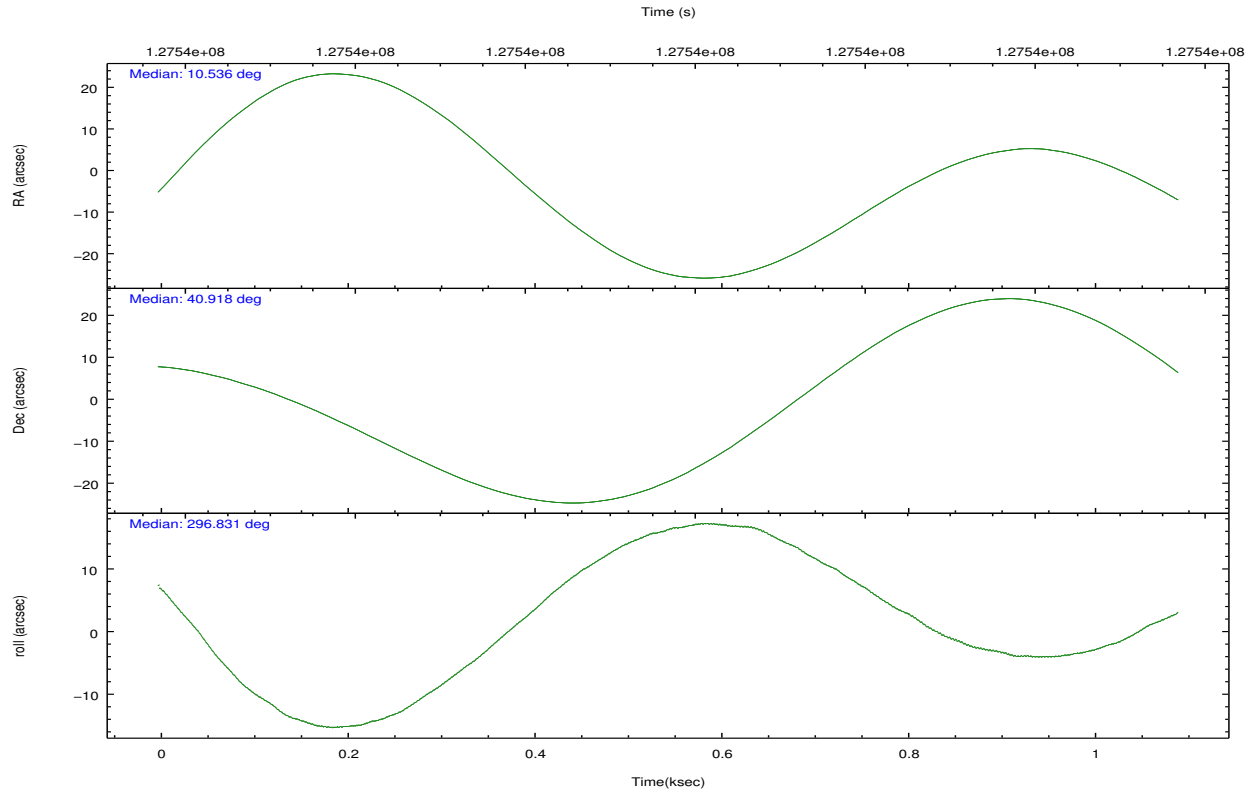
	segment 0
level 1 events	103020
rejected events	23233
rejected %	22%

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	10.502840	10.53475415442187			
[deg] Pointing Dec	40.931133	40.91736216831849			
[deg] Pointing Roll	296.953923	296.837549285695			
[s] Window start time (MET)	127353664.184000	127353664.184000			
[s] Window stop time (MET)	127958464.184000	127958464.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	127542612.184000	127542236.20208			
Observation start date	2002-01-16T04:29:08	2002-01-16T04:23:56			
[s] Observation end time (MET)	127543512.184000	127543646.08963			
Observation end date	2002-01-16T04:44:08	2002-01-16T04:47:26			

2.3 Aspect



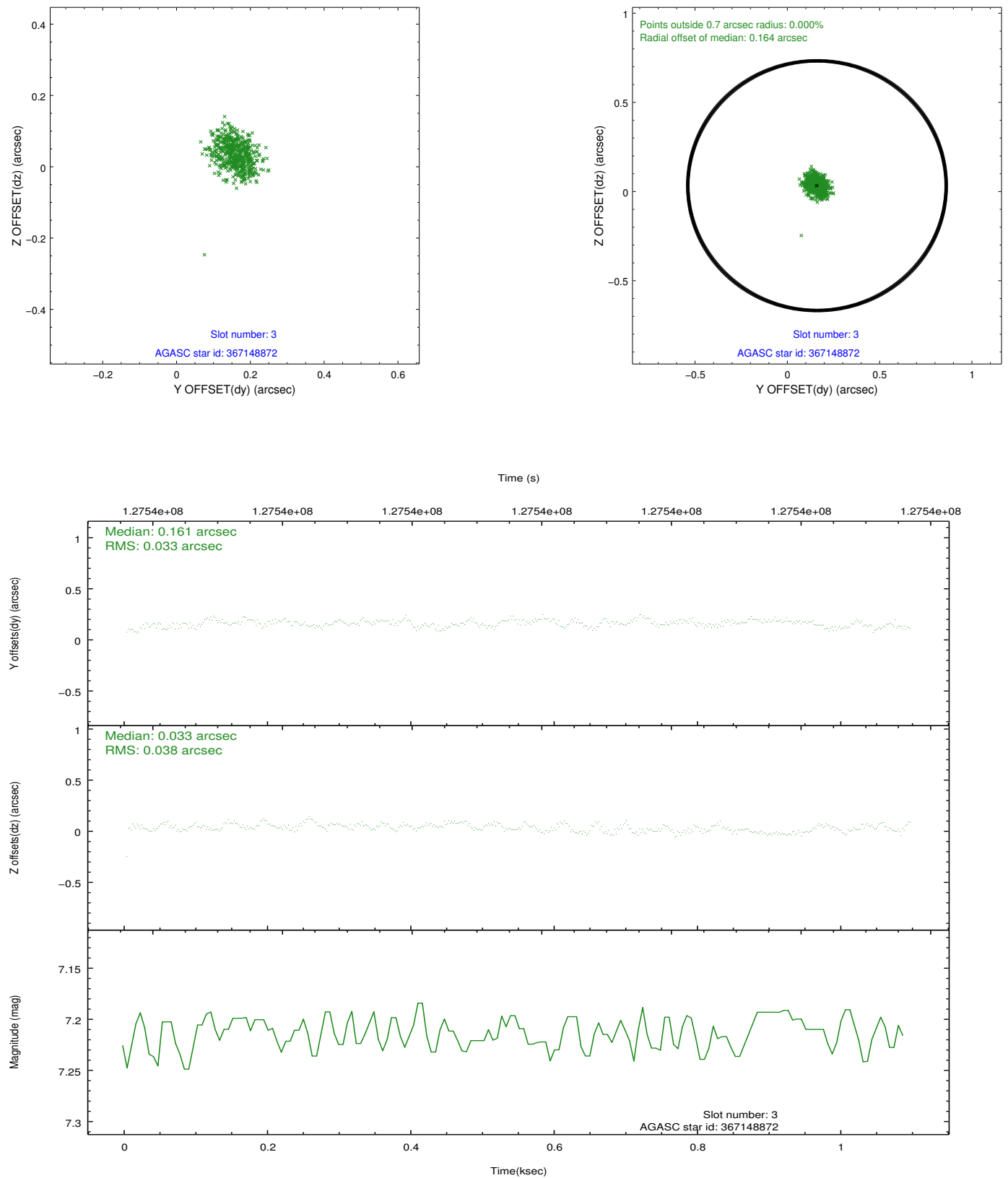


Slot Statistics

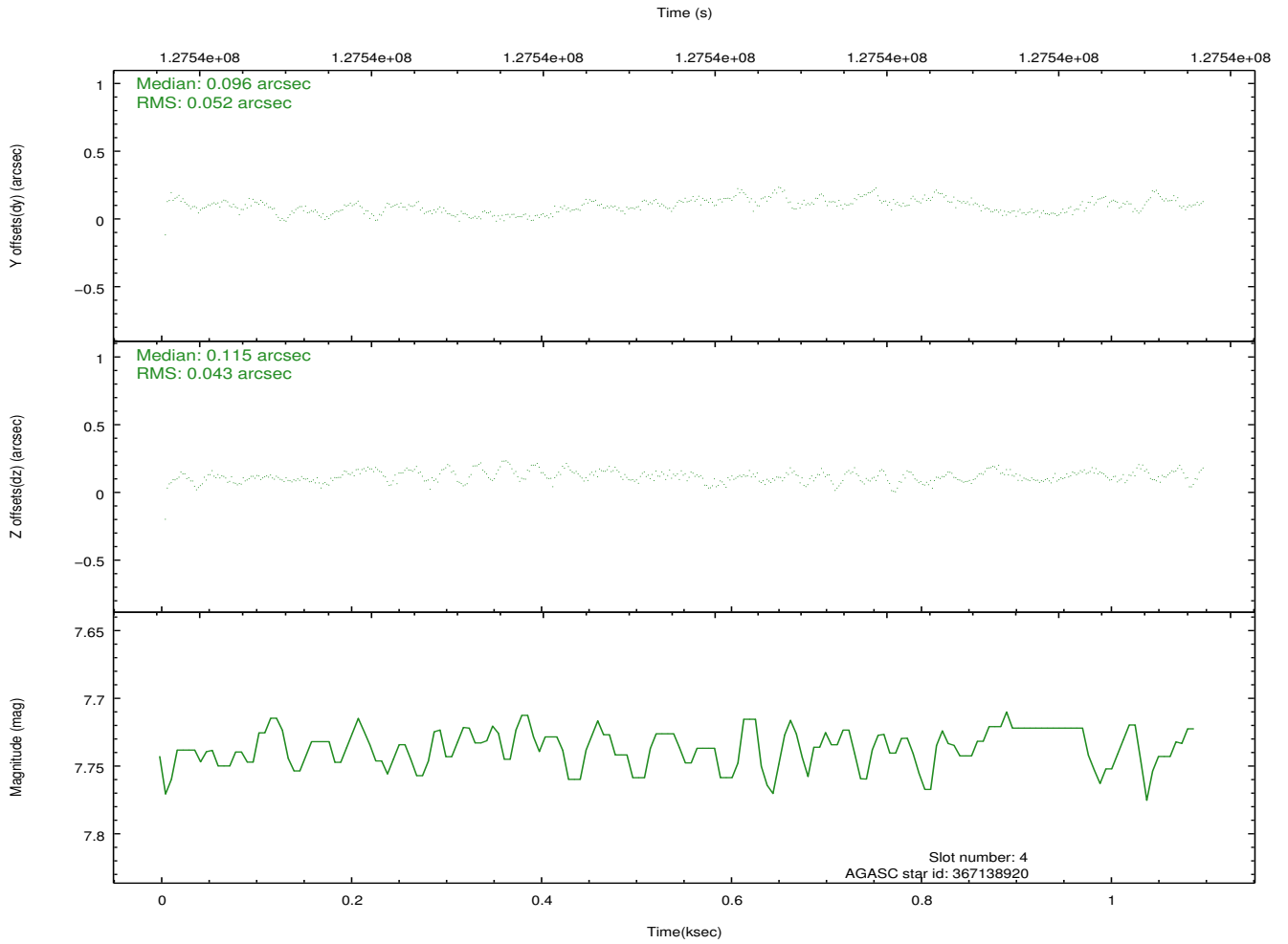
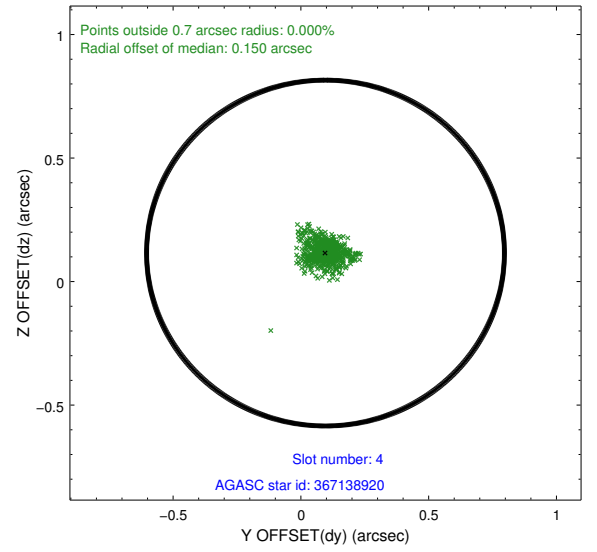
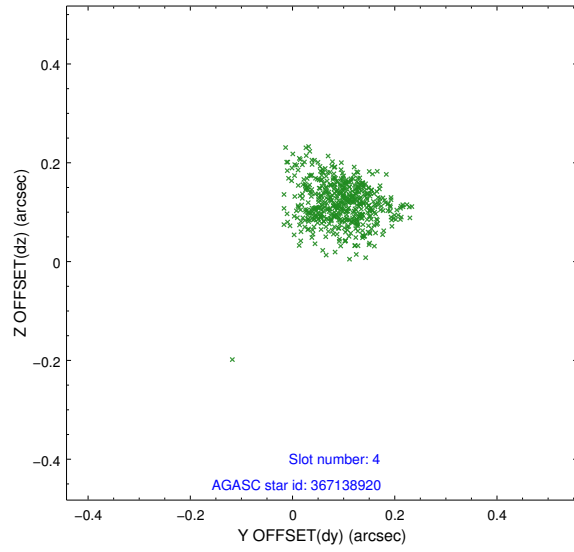
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	267	0.004	0.052	0.007	0.011	0.000000	0.000000	-759.07	-1292.91
1	FID	HRC-I-2	7.01	267	0.080	-0.053	0.005	0.009	0.000000	0.000000	850.79	-1299.39
2	FID	HRC-I-3	7.05	267	0.035	-0.087	0.005	0.009	0.000000	0.000000	-1184.39	1006.64
3	GUIDE	367148872	7.21	534	0.161	0.033	0.054	0.084	10.505940	40.688258	782.74	-394.07
4	GUIDE	367138920	7.74	534	0.096	0.115	0.072	0.117	11.513485	40.808909	1627.04	2256.78
5	GUIDE	367144424	8.66	534	0.069	0.000	0.075	0.122	10.464515	40.309136	1950.72	-1109.66
6	GUIDE	365431072	9.00	534	-0.254	-0.108	0.097	0.183	9.376278	41.092224	-1917.09	-2460.44
7	GUIDE	367674552	8.87	533	-0.078	-0.040	0.098	0.147	11.016238	41.570845	-1434.41	2268.17

2.4 Star Slots

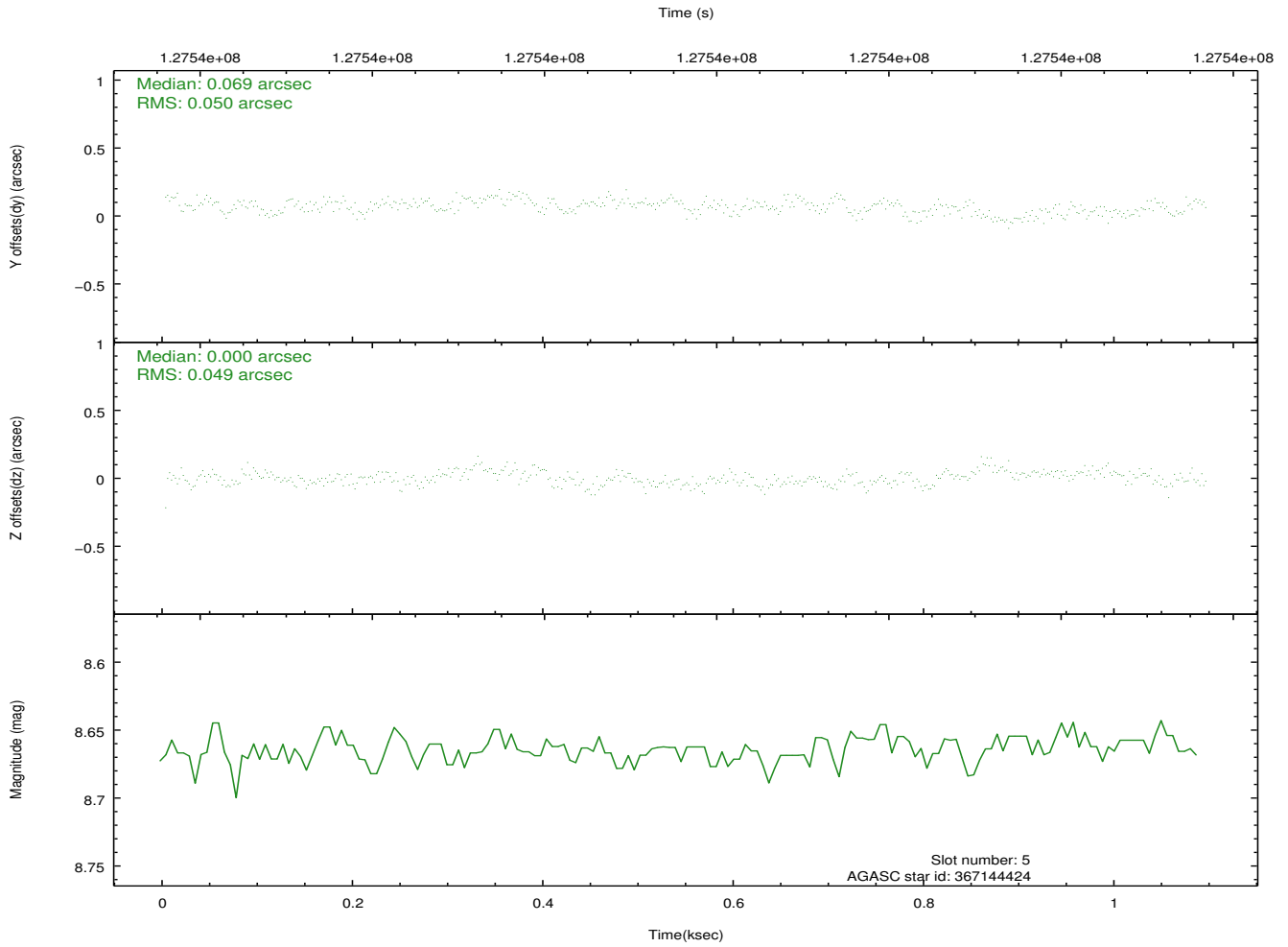
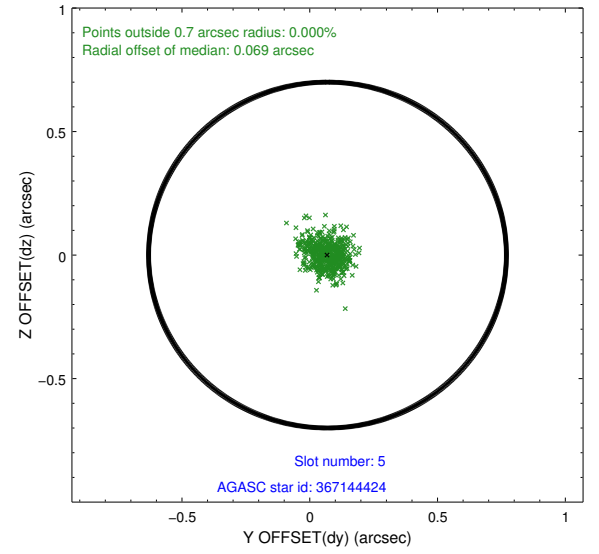
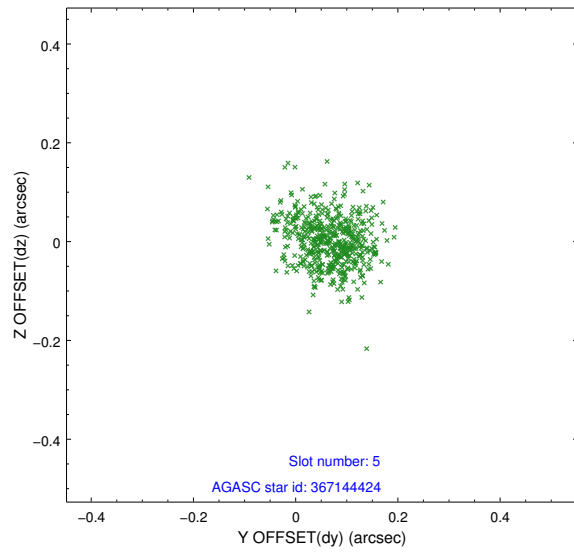
2.4.1 Slot 3



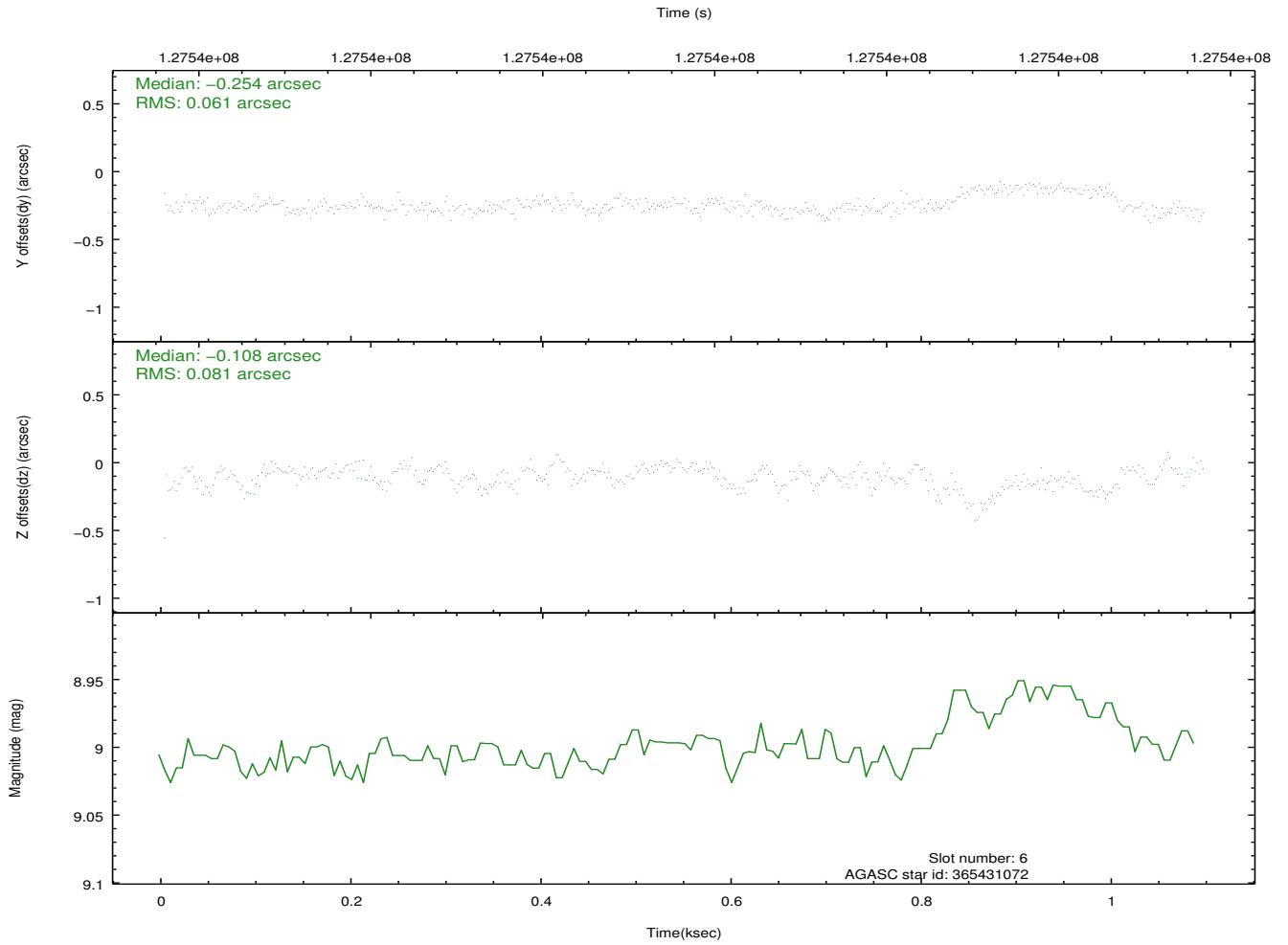
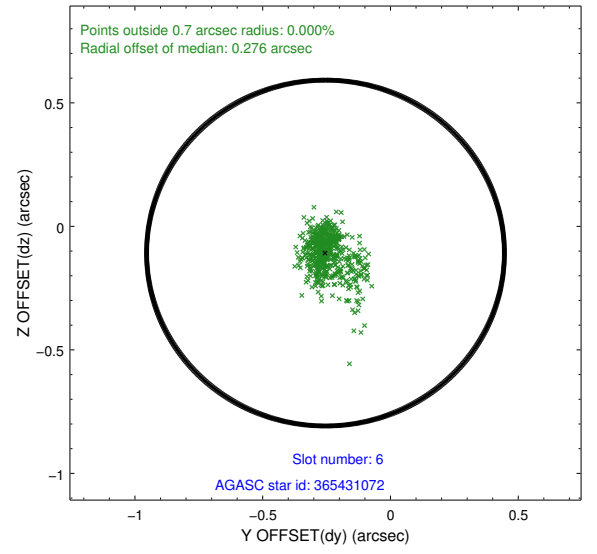
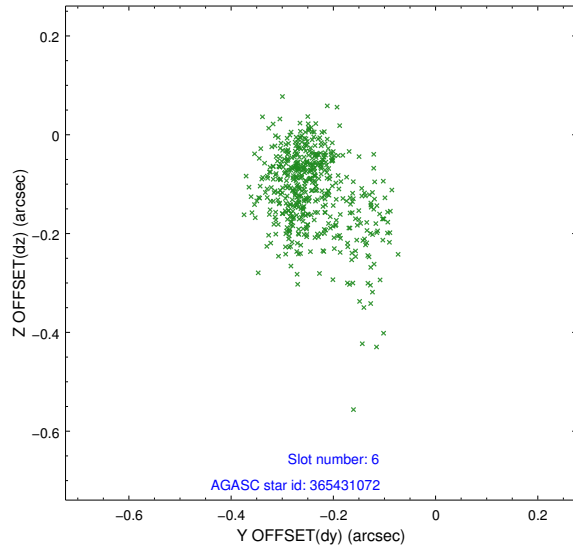
2.4.2 Slot 4



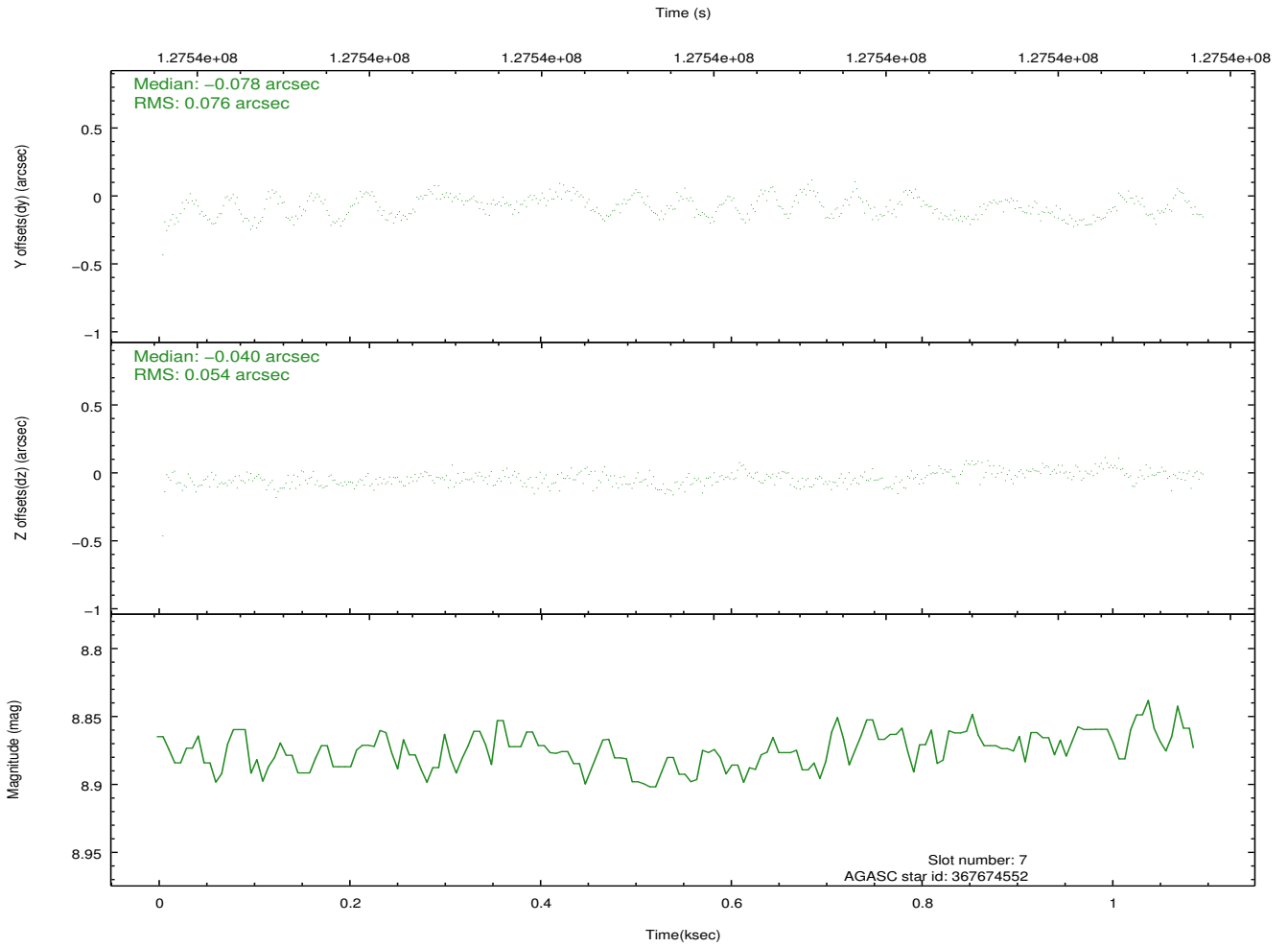
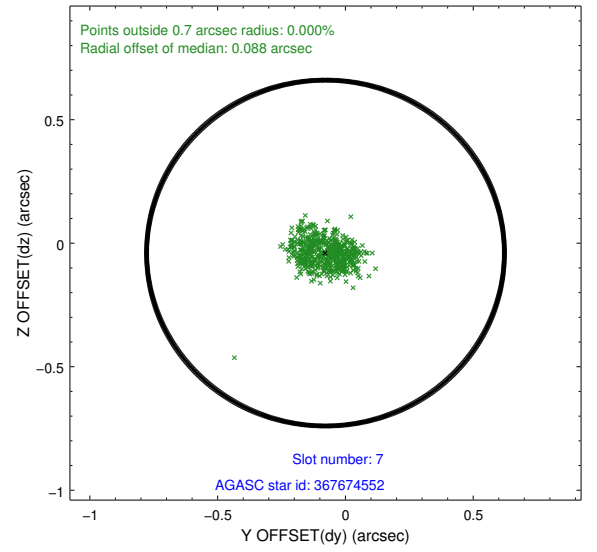
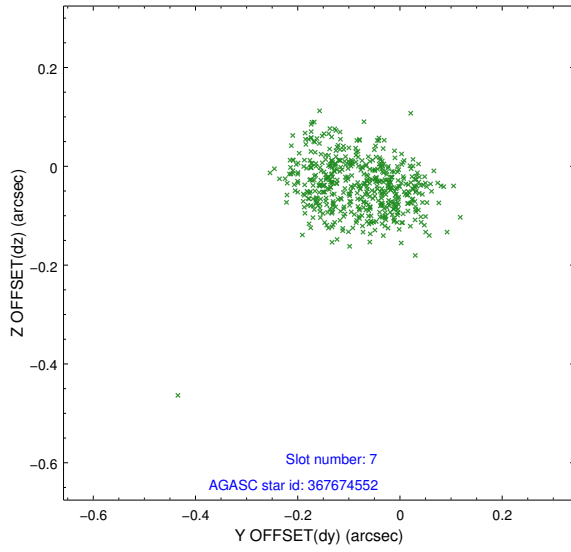
2.4.3 Slot 5



2.4.4 Slot 6

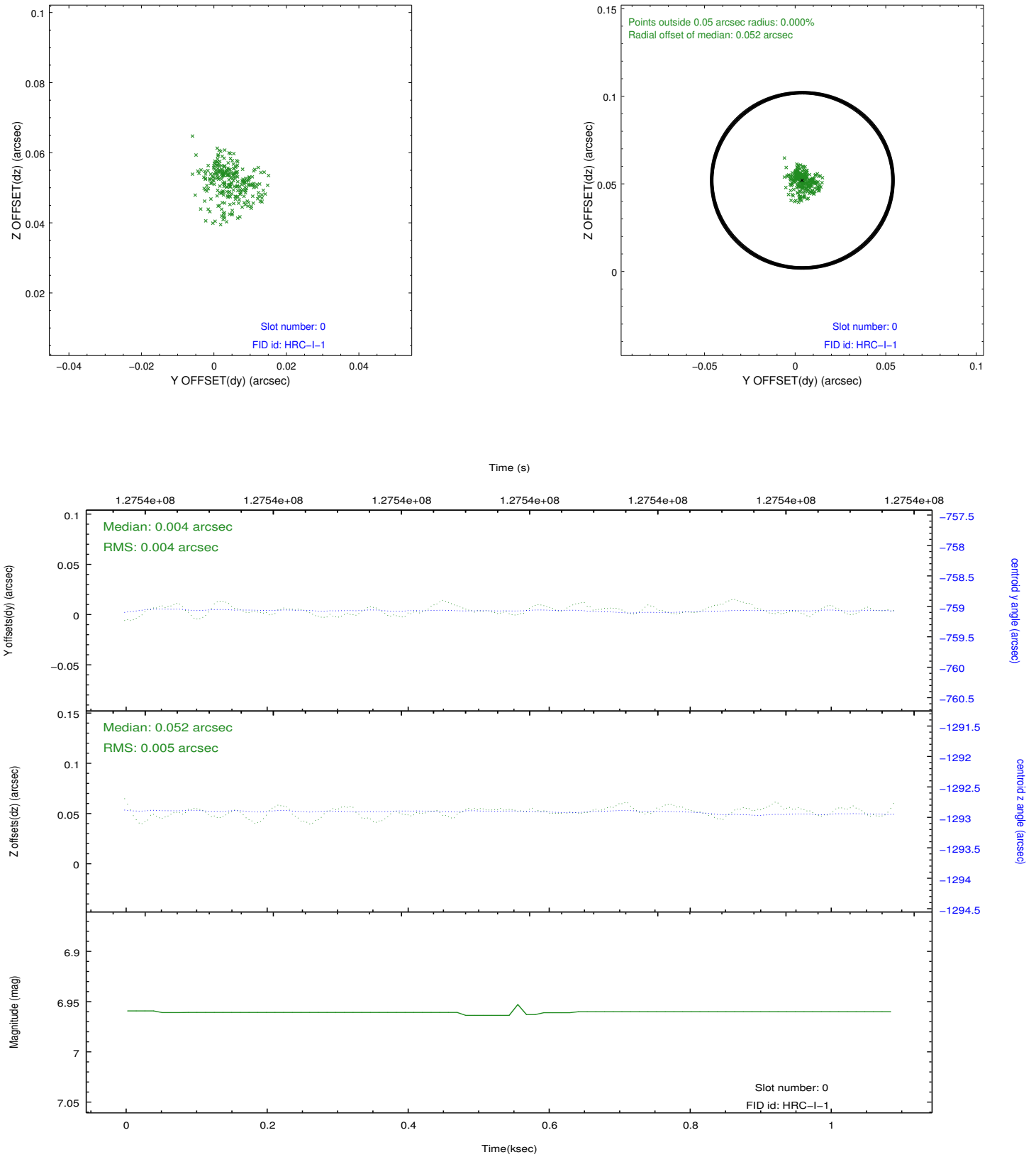


2.4.5 Slot 7

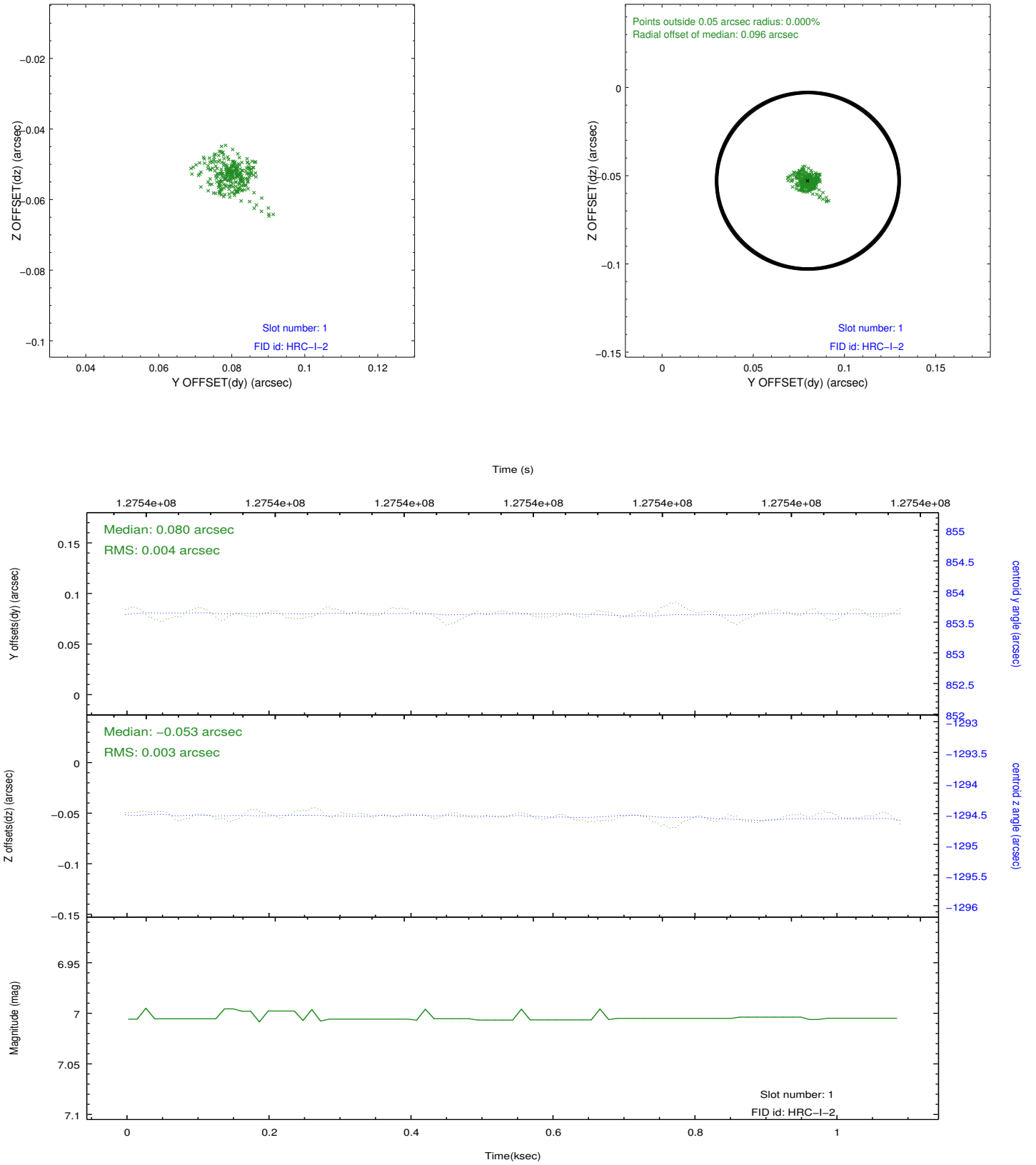


2.5 FID Slots

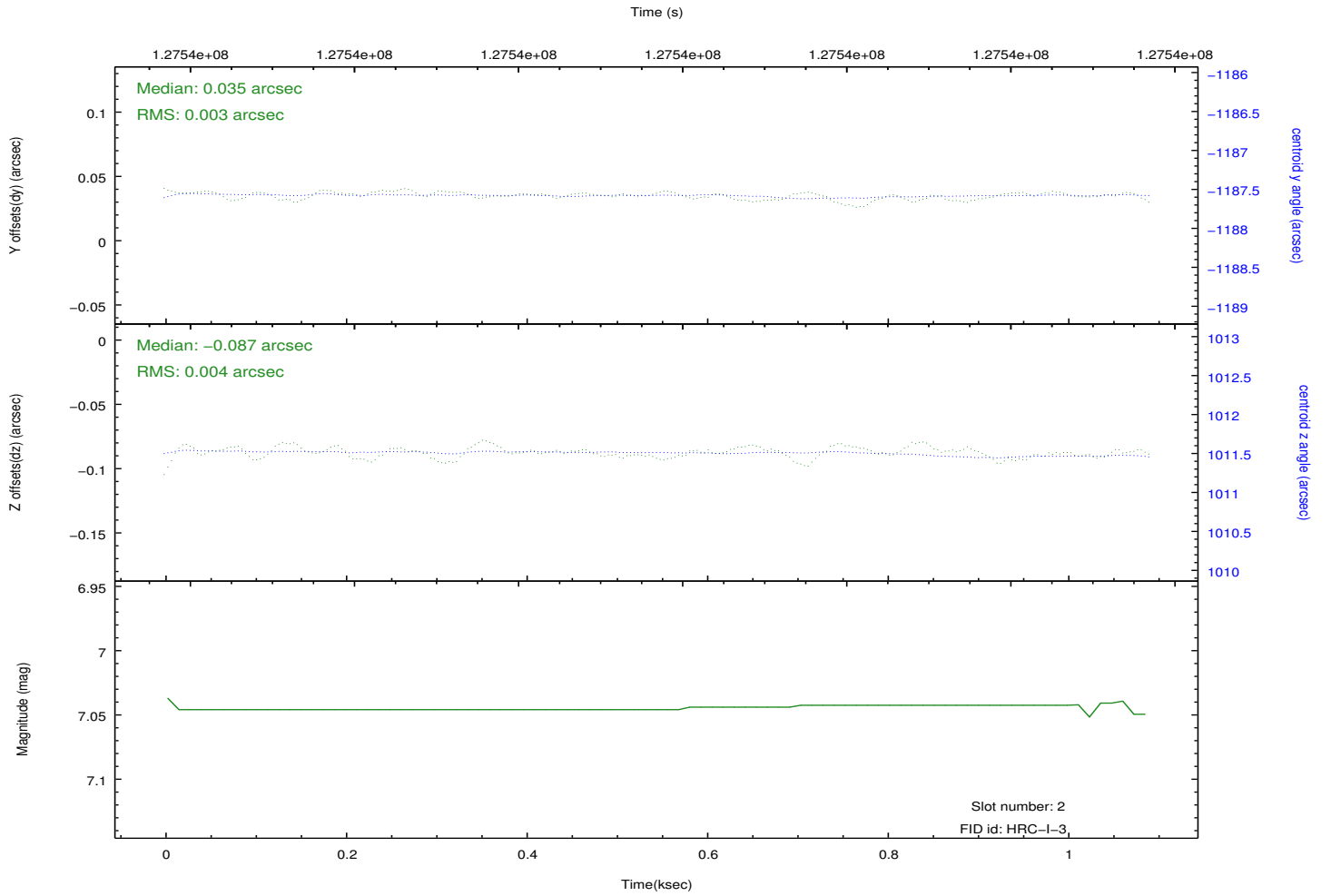
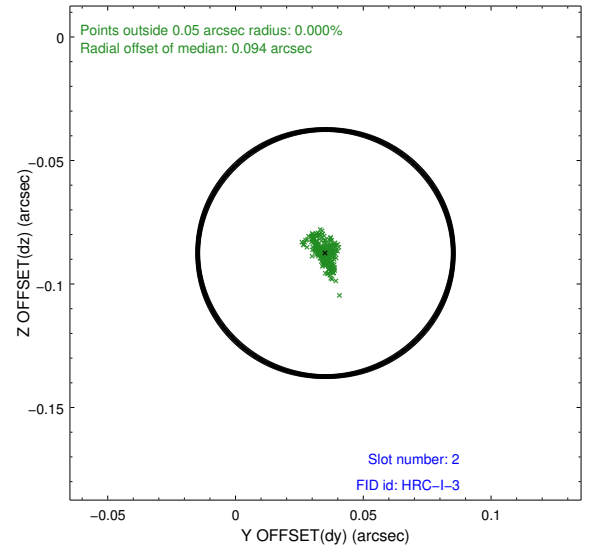
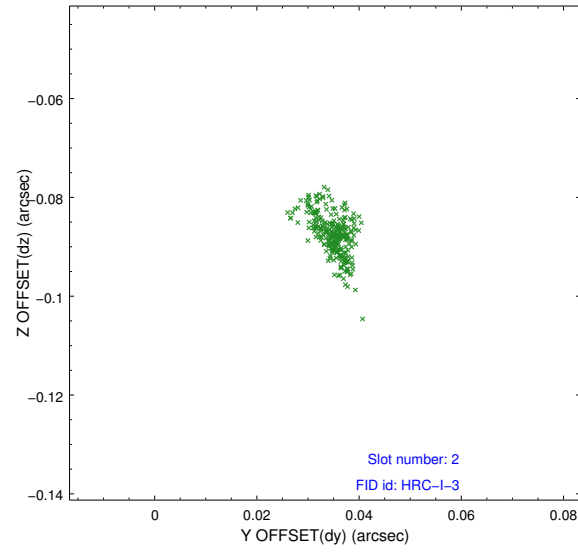
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.091

A.2 Comments

Window constraint satisfied.