

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1568 - L2 Version 4
Chandra X-Ray Center

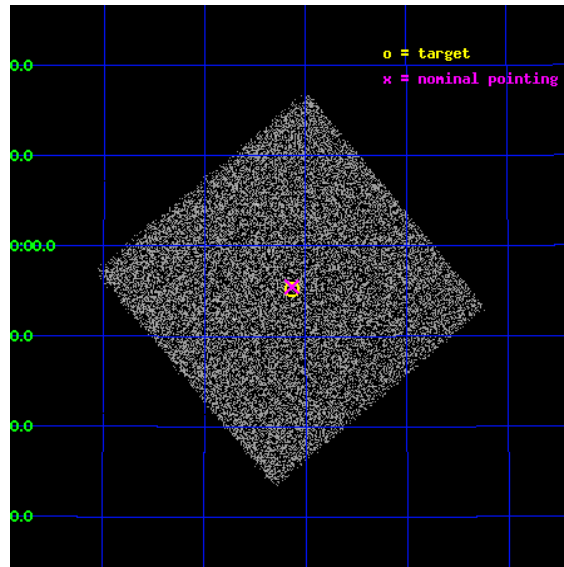
L2 Processing Date : Sep 17 2012

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1 Front

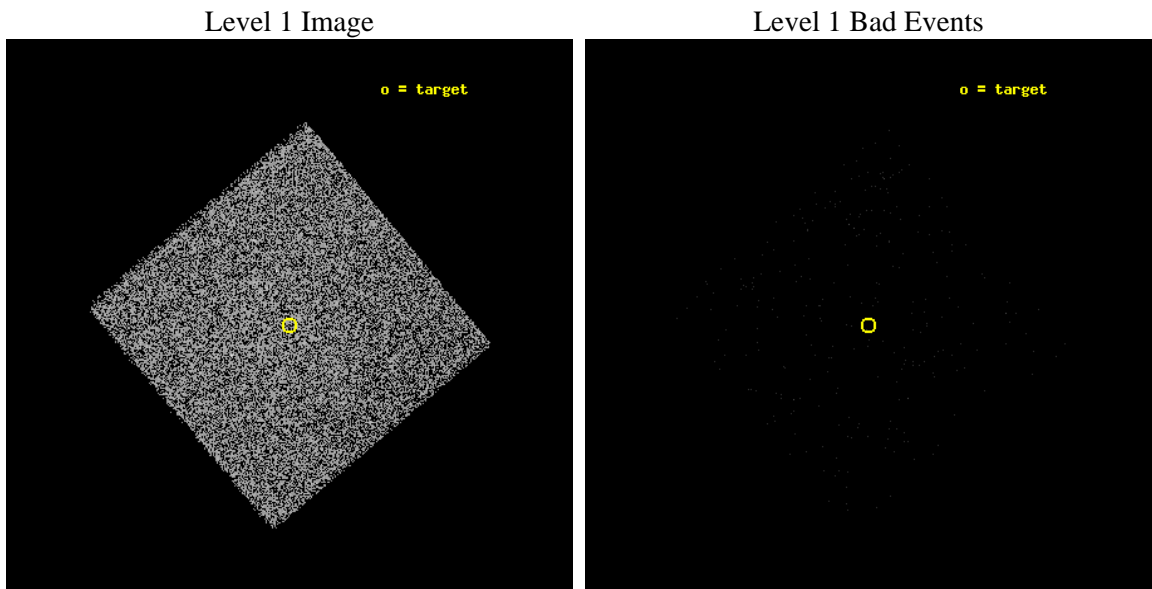
seq_num	600125	Sequence number
obs_id	1568	Observation id
title	HRC MONITORING OF M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - SOUTH 1	Source name
ra_targ	10.533333	Observer's specified target RA [deg]
dec_targ	40.921389	Observer's specified target Dec [deg]
ra_nom	10.534043118085	Nominal RA [deg]
dec_nom	40.92498850423	Nominal Dec [deg]
roll_nom	94.978357843589	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.3312964886	[s]
livetime	1186.4510723646	Ontime multiplied by DTCOR
l2events	29367	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	8.4.5	Processing system revision	ontime	1192.3312964886	[s]
caldbver	4.5.1.1	 	l1events	55441	Number of level 1 events
date	2012-09-17T18:19:38	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

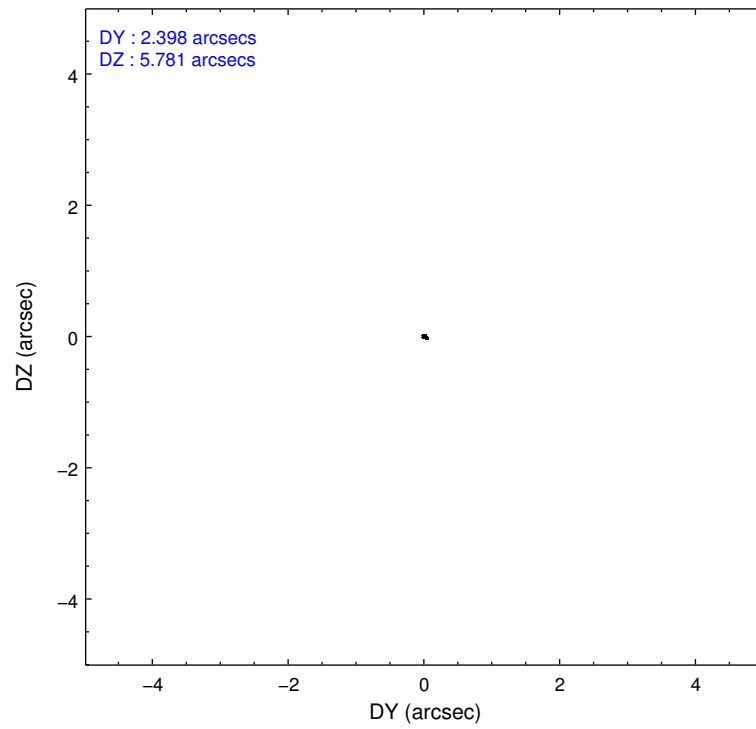
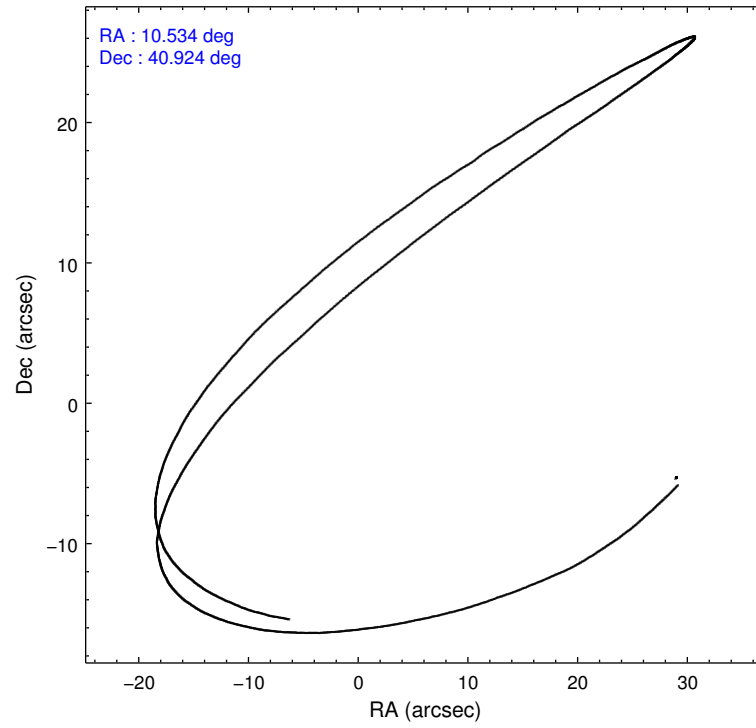
	segment 0
level 1 events	55441
rejected events	11622
rejected %	20%

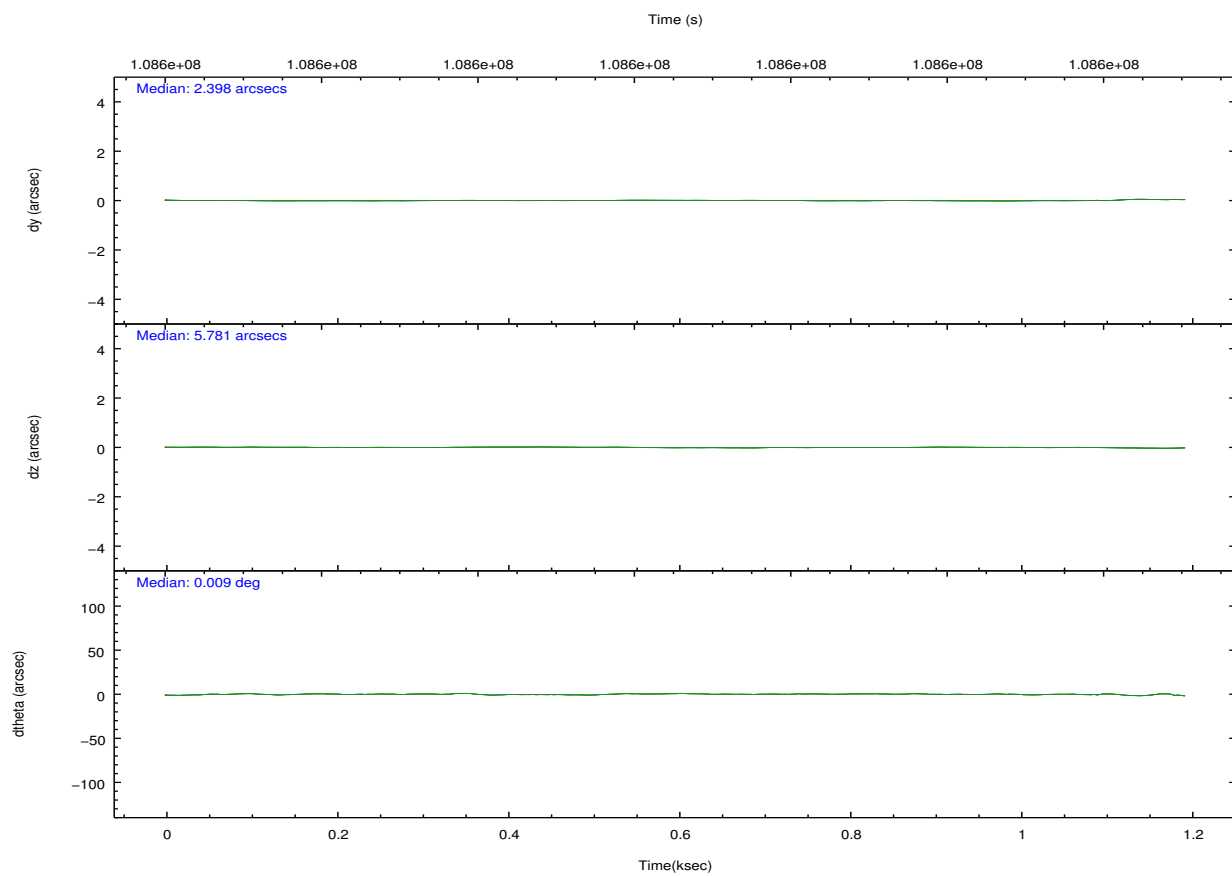
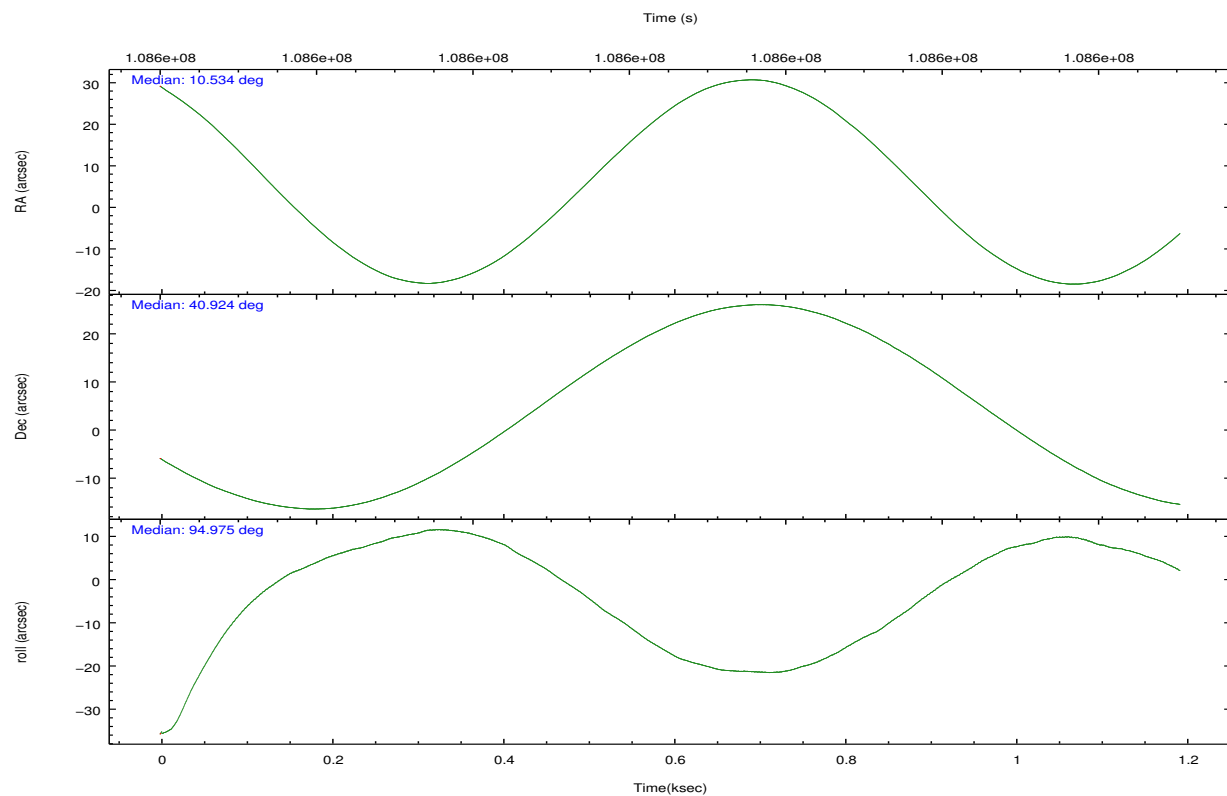
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	10.556239	10.53404311808464
[deg] Pointing Dec	40.903518	40.92498850423005
[deg] Pointing Roll	95.059499	94.97835784358885
[s] Window start time (MET)	108216064.184000	108216064.184000
[s] Window stop time (MET)	108691264.184000	108691264.184000
[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)	108597246.184000	108596870.88896
Observation start date	2001-06-10T21:53:02	2001-06-10T21:47:50
[s] Observation end time (MET)	108598246.184000	108598380.71402
Observation end date	2001-06-10T22:09:42	2001-06-10T22:13:00

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

2.3 Aspect



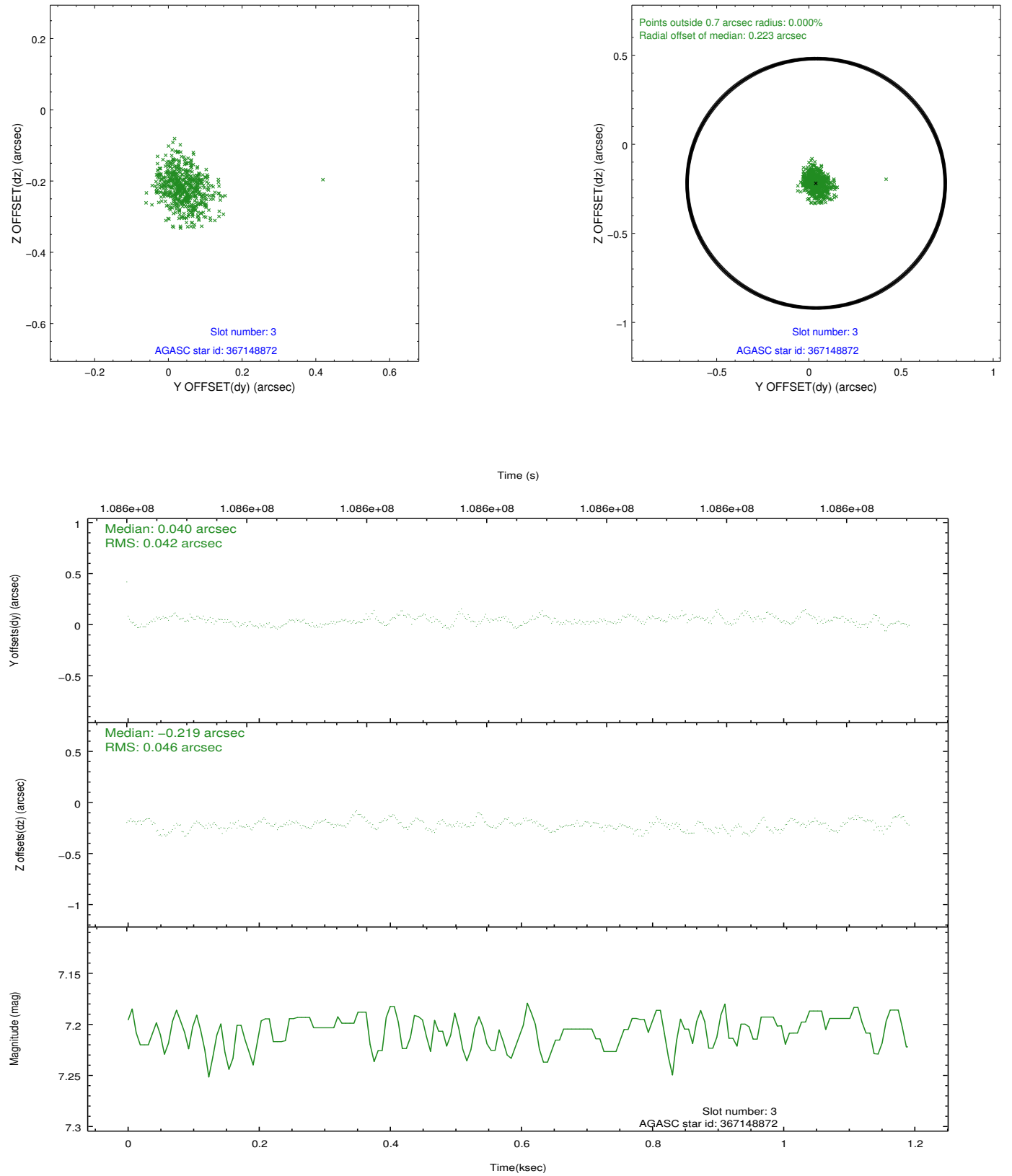


Slot Statistics

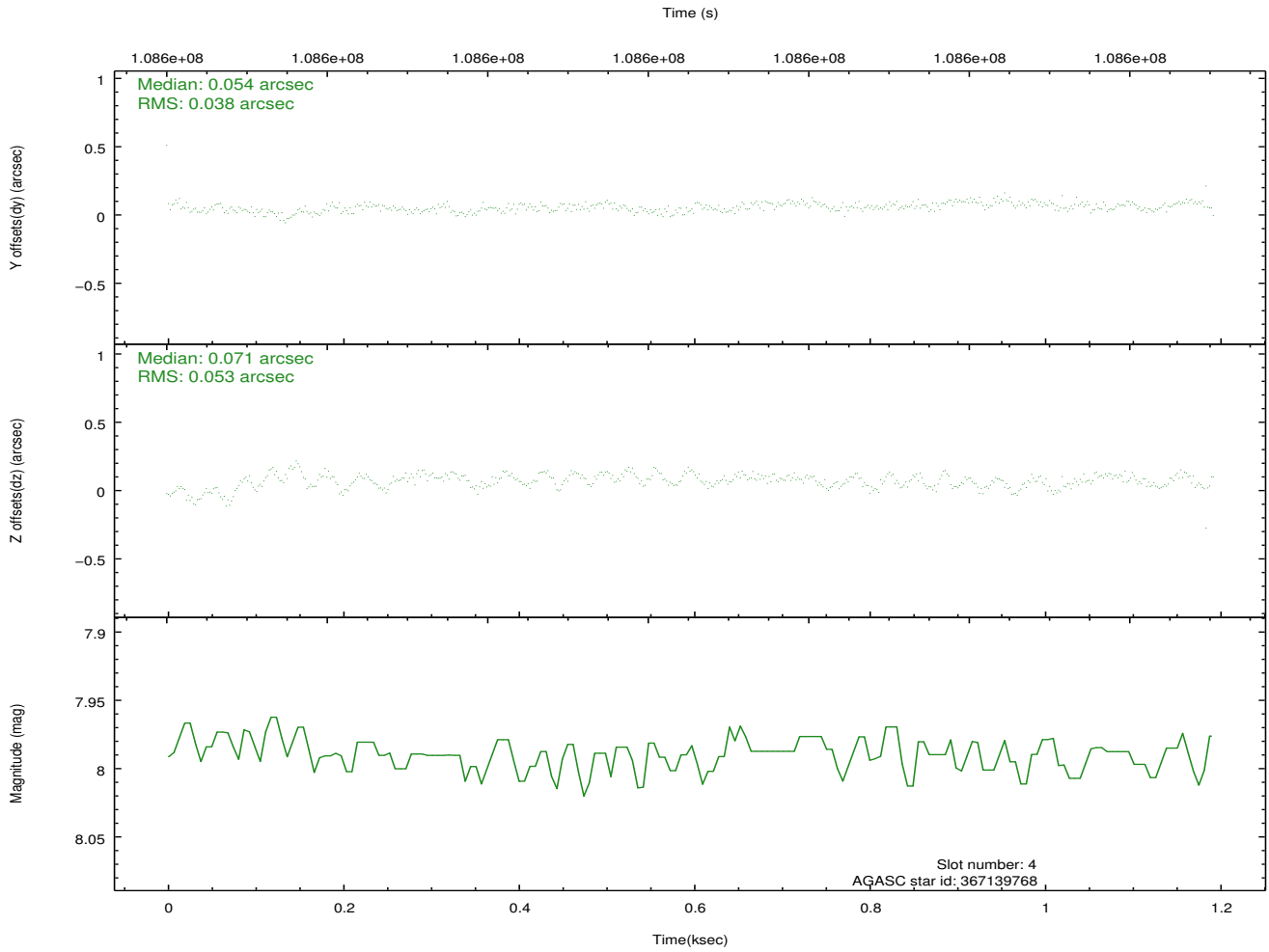
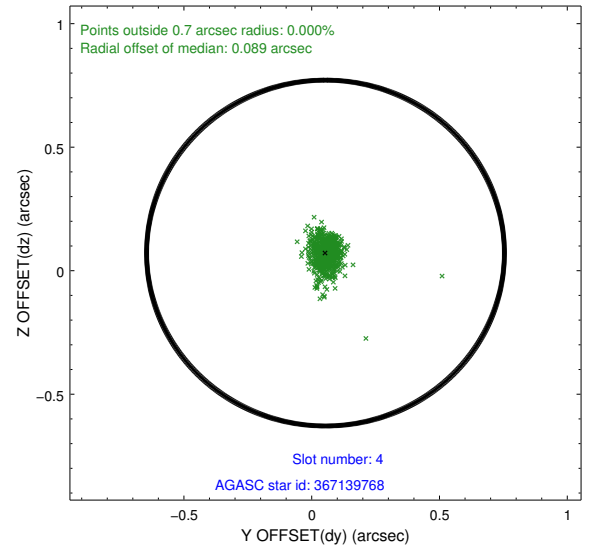
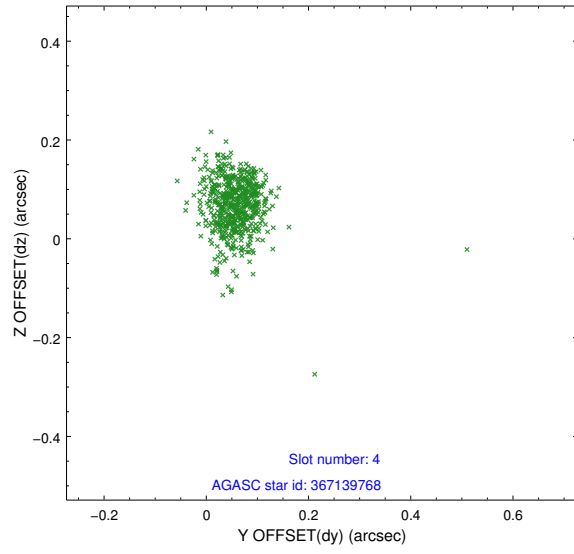
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	292	0.028	0.027	0.006	0.013	0.000000	0.000000	-757.83	-1293.56
1	FID	HRC-I-3	7.07	291	0.027	-0.083	0.007	0.014	0.000000	0.000000	-1188.92	1006.45
2	FID	HRC-I-4	7.01	292	0.060	-0.031	0.006	0.013	0.000000	0.000000	1280.93	1011.99
3	GUIDE	367148872	7.20	583	0.040	-0.219	0.067	0.103	10.505940	40.688258	-758.03	203.02
4	GUIDE	367139768	7.99	583	0.054	0.071	0.062	0.106	11.069715	40.685175	-901.89	-1328.81
5	GUIDE	367144424	8.64	583	0.245	-0.072	0.063	0.103	10.464515	40.309136	-2108.64	435.19
6	GUIDE	367674552	8.87	583	-0.185	0.057	0.093	0.151	11.016238	41.570845	2285.14	-1447.20
7	GUIDE	367657896	9.02	582	-0.159	0.150	0.098	0.176	11.197765	41.313576	1329.54	-1862.76

2.4 Star Slots

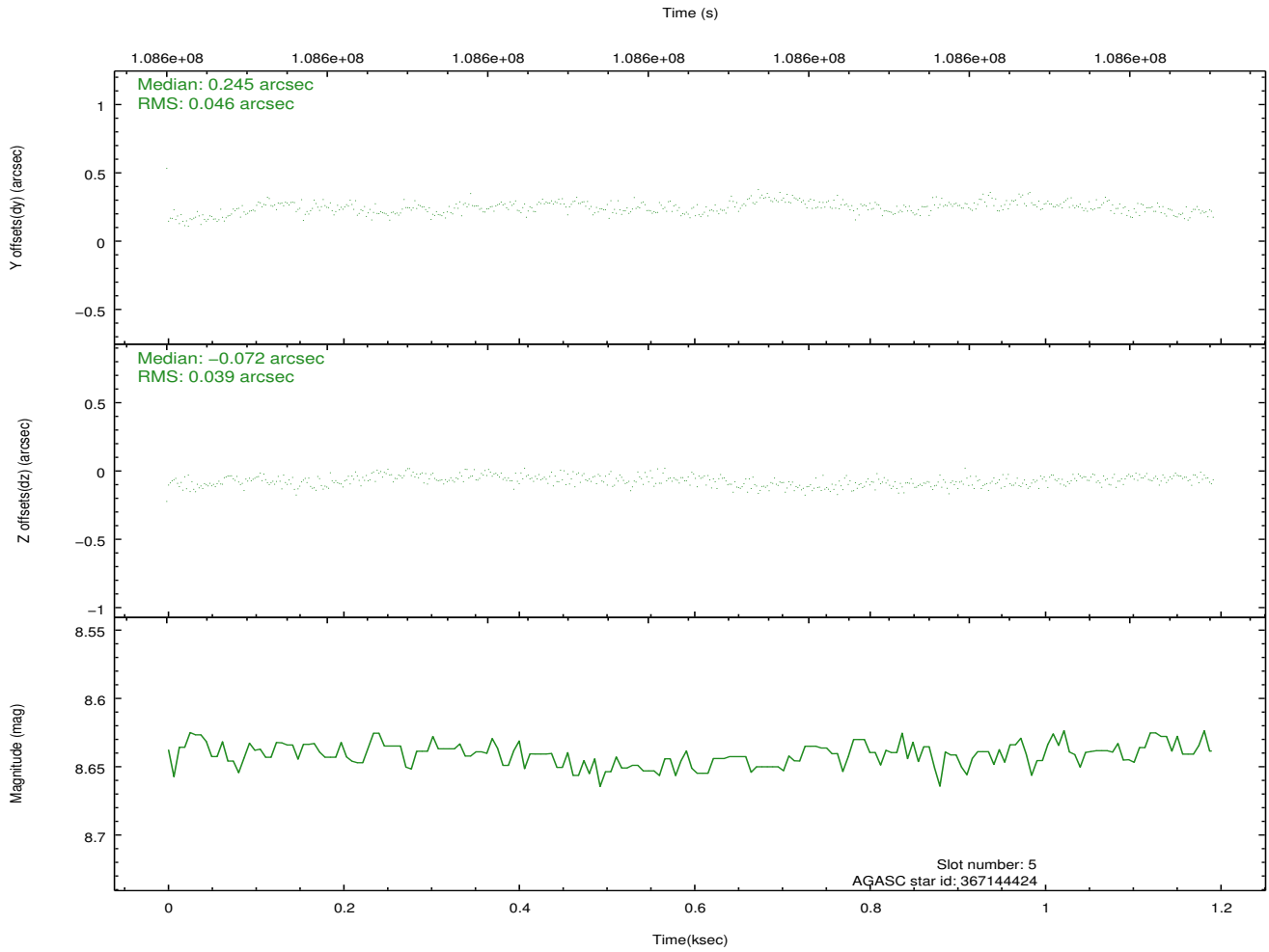
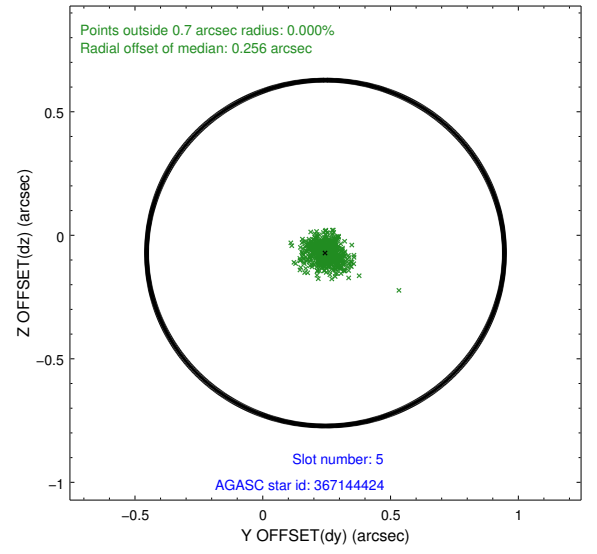
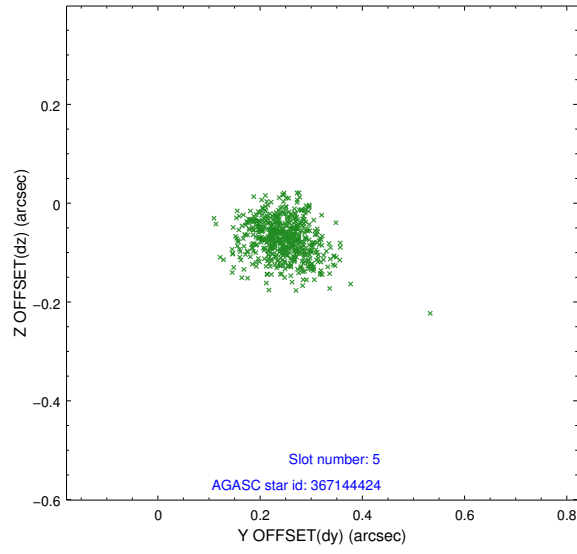
2.4.1 Slot 3



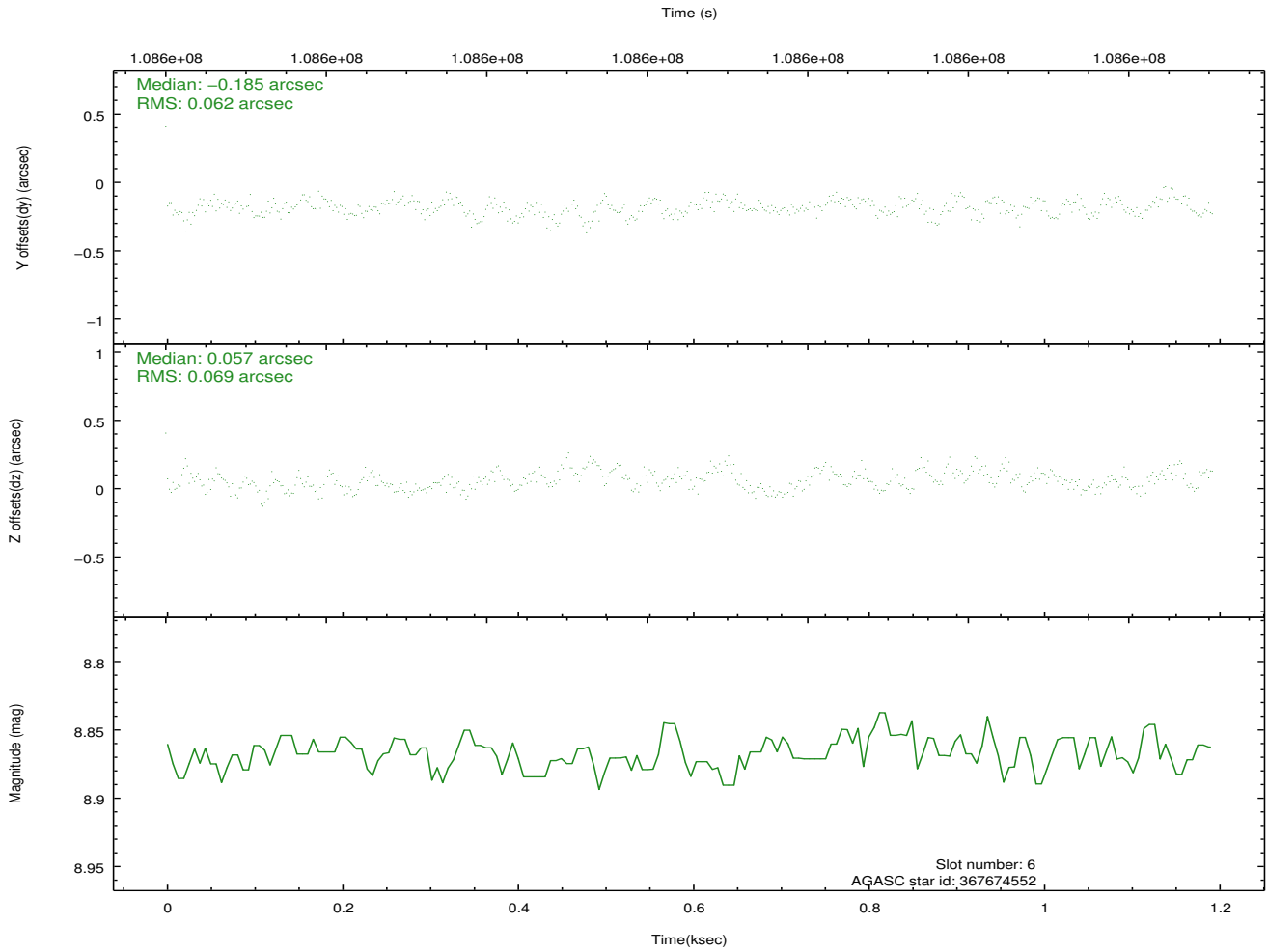
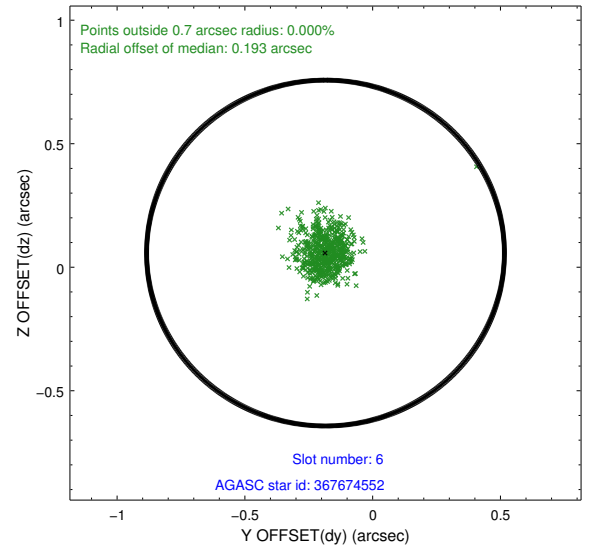
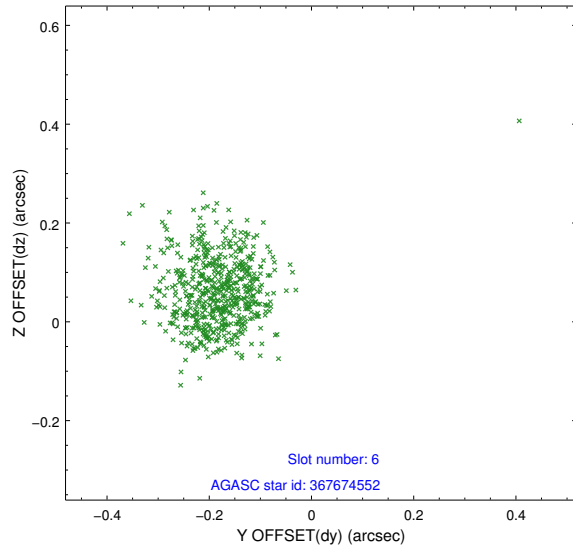
2.4.2 Slot 4



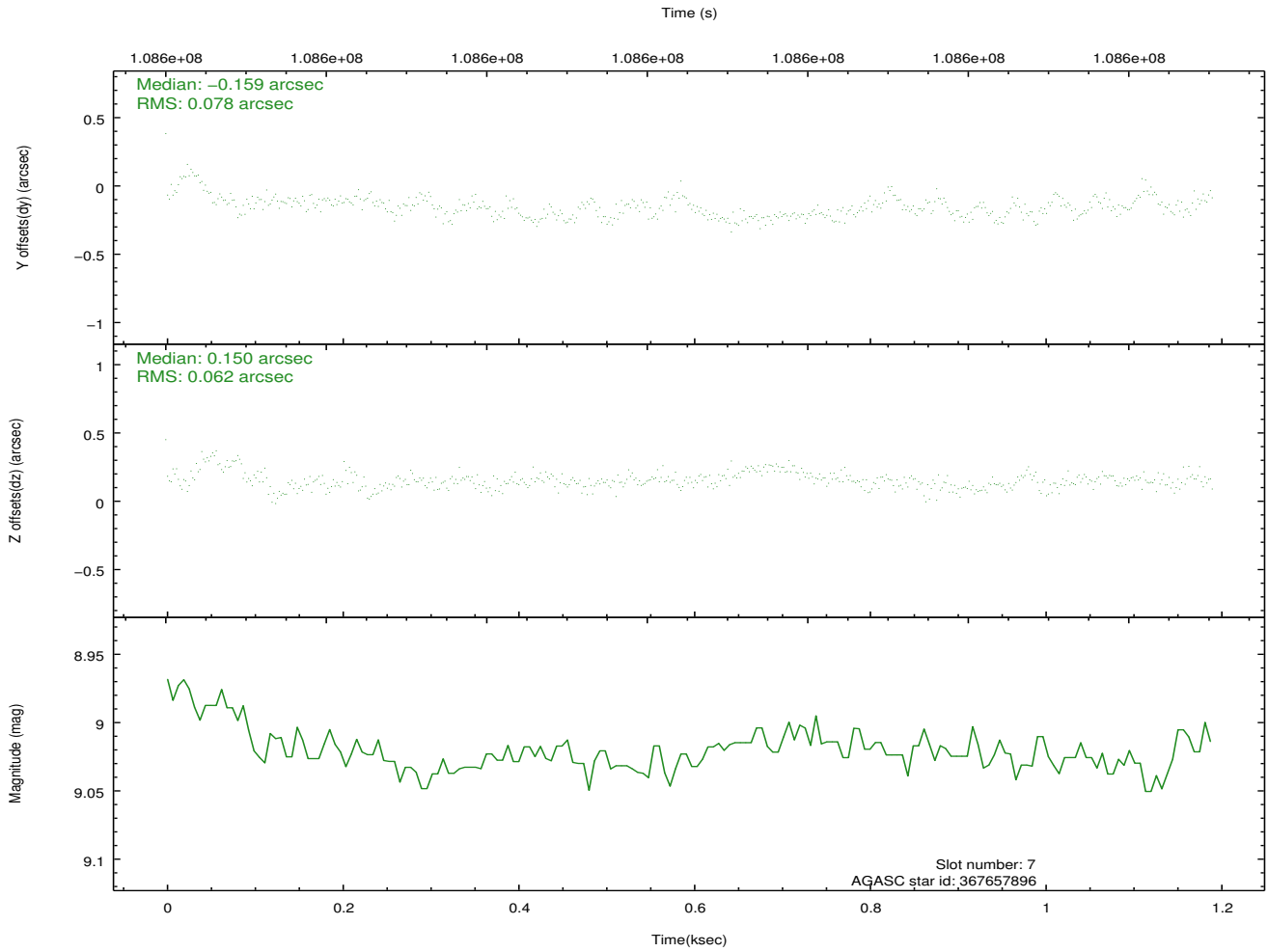
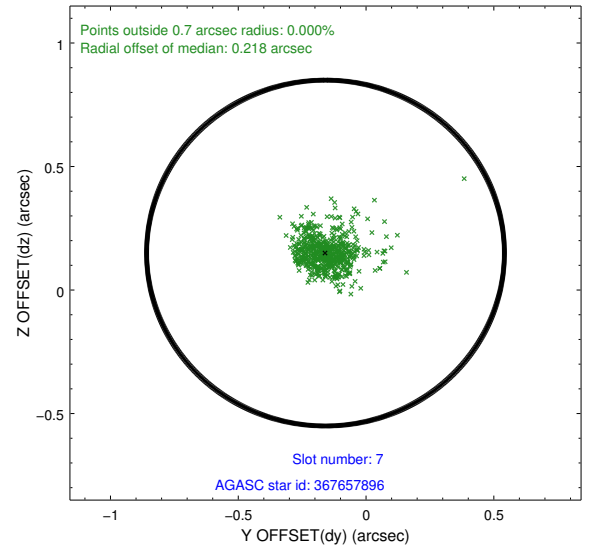
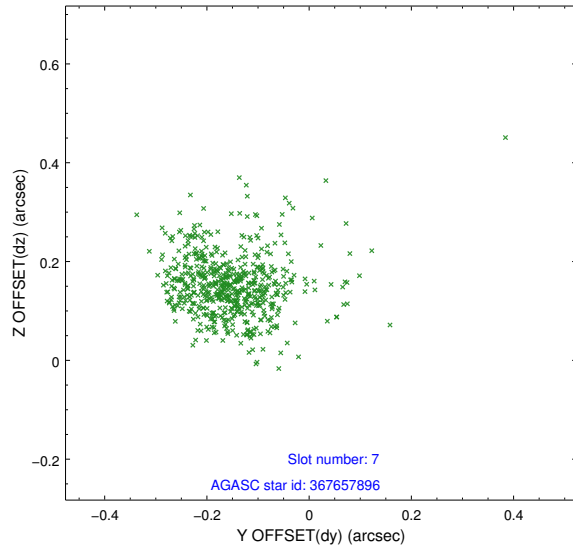
2.4.3 Slot 5



2.4.4 Slot 6

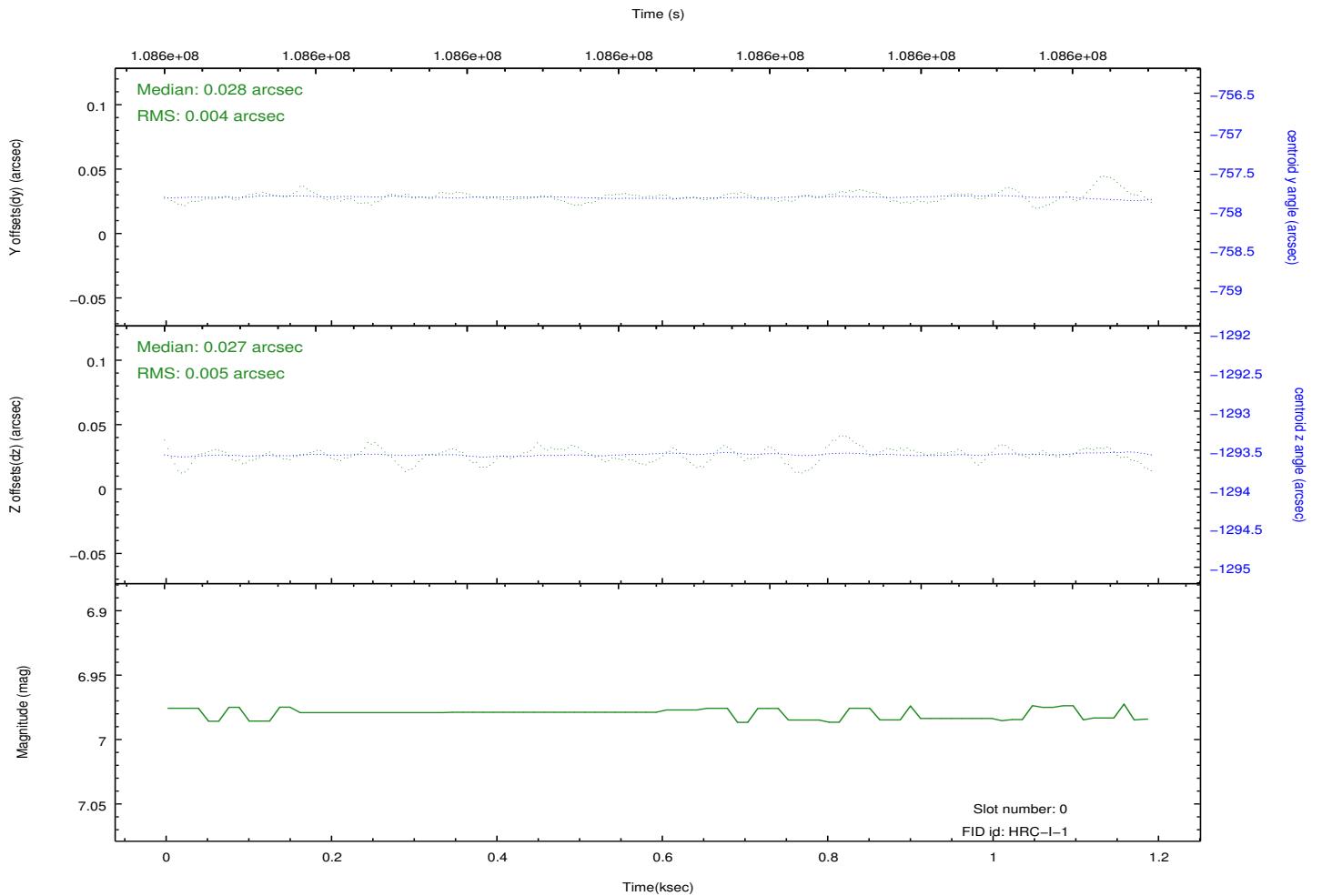
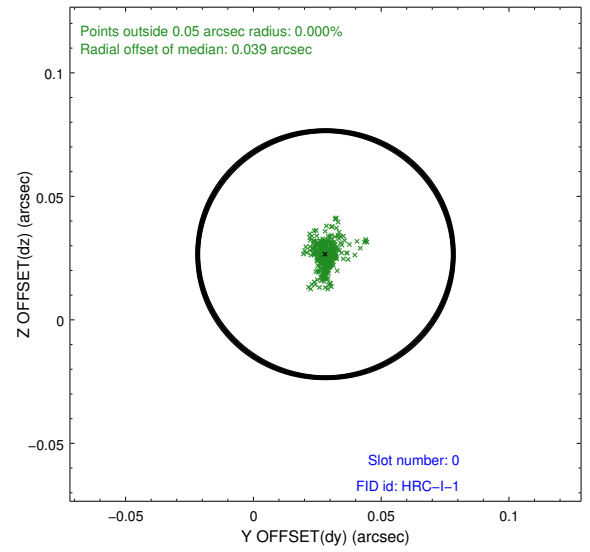
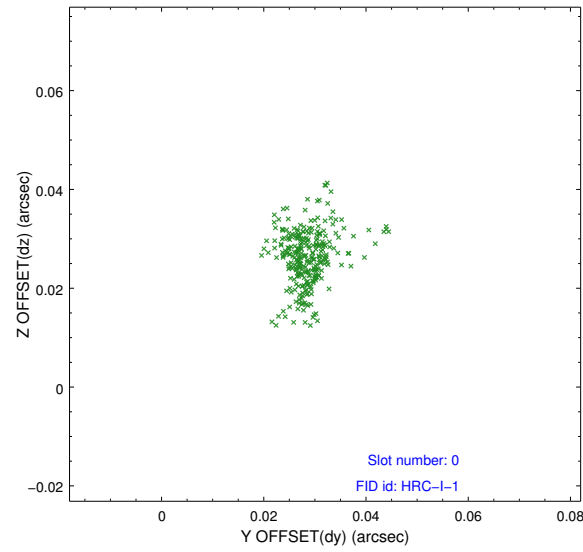


2.4.5 Slot 7

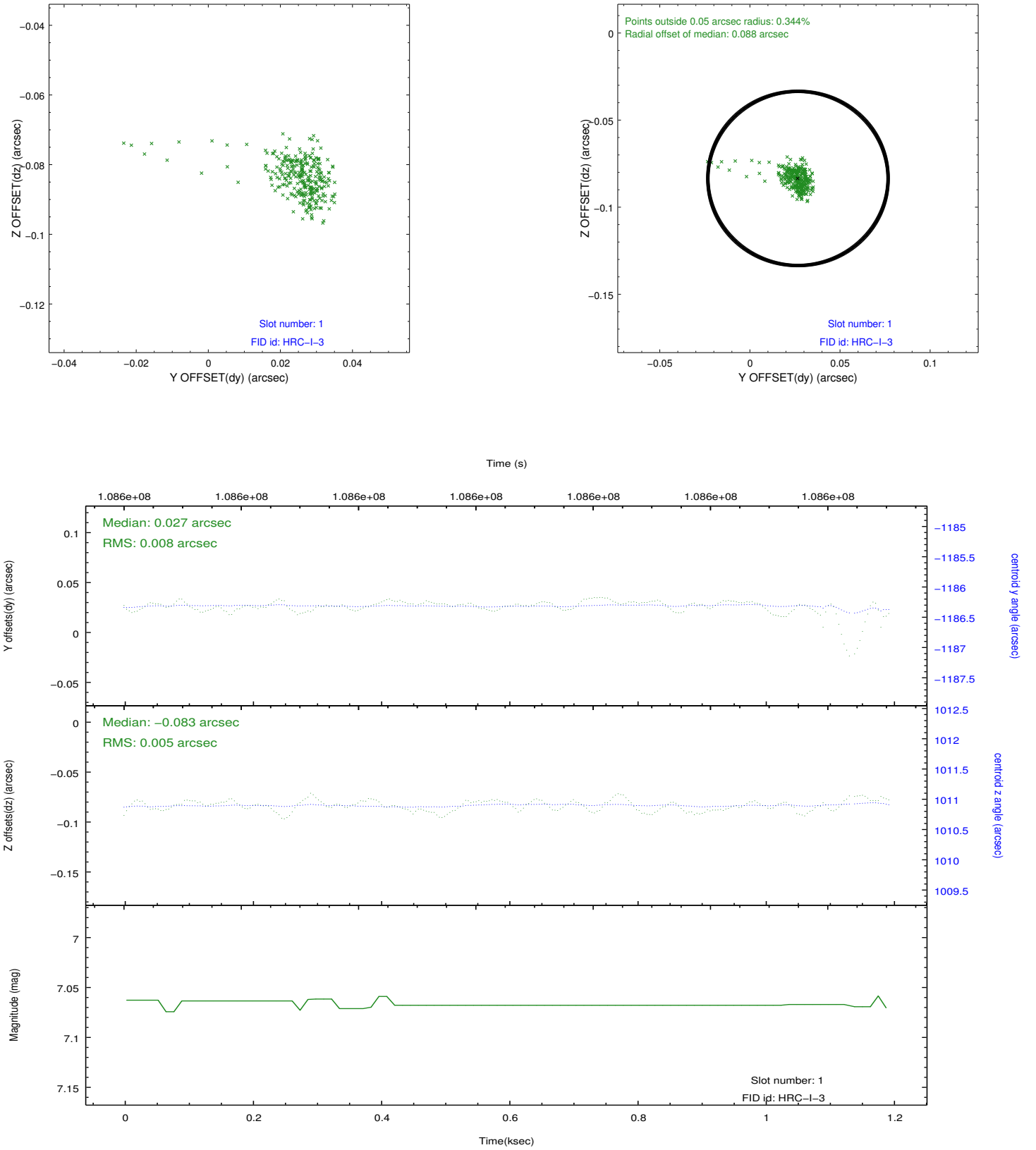


2.5 FID Slots

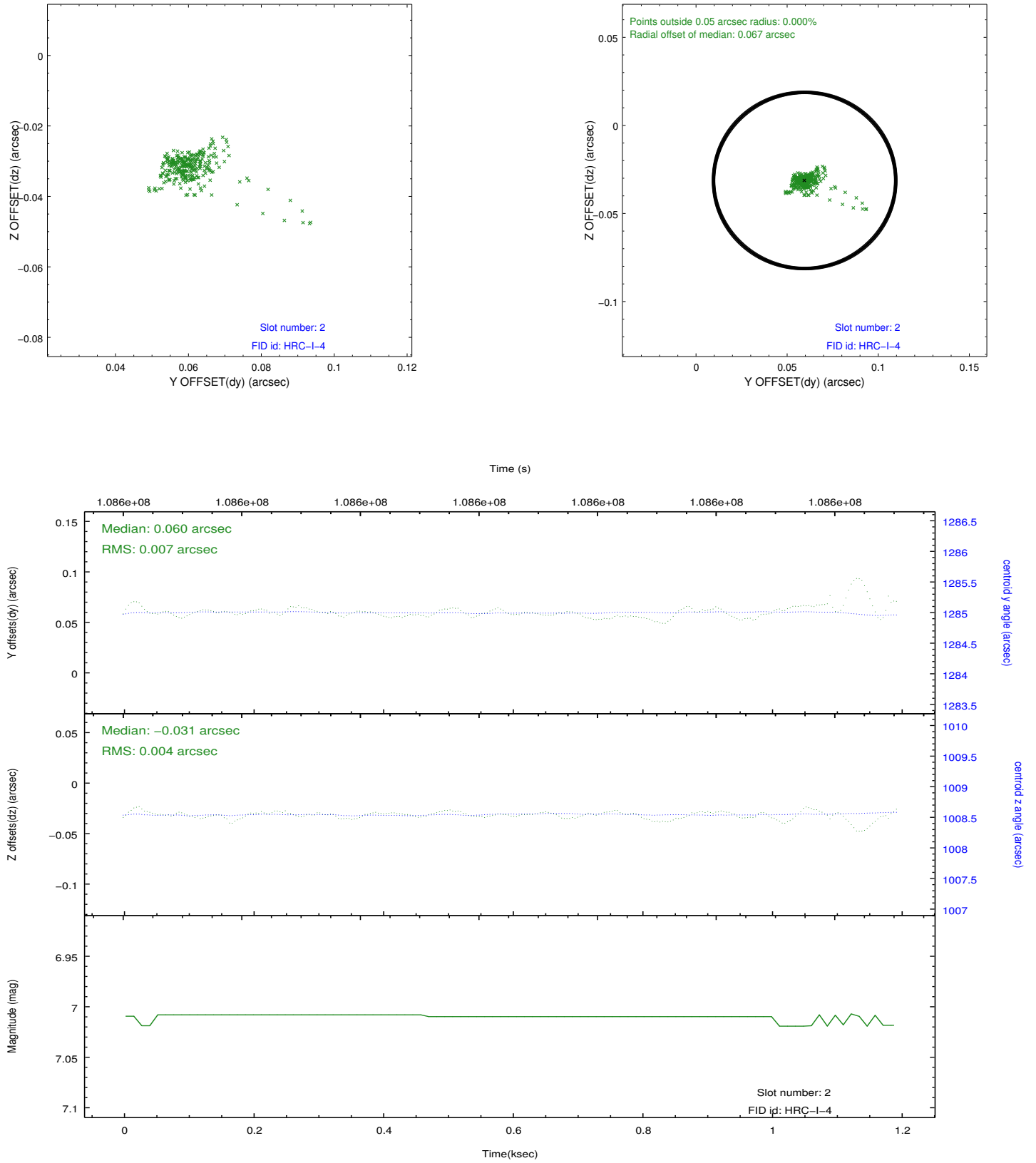
2.5.1 Slot 0



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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2

A.2 Comments

Charge time for this observation remains at previous value of 1.2 ksec.
Window preference met.