

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2908 - L2 Version 4
Chandra X-Ray Center

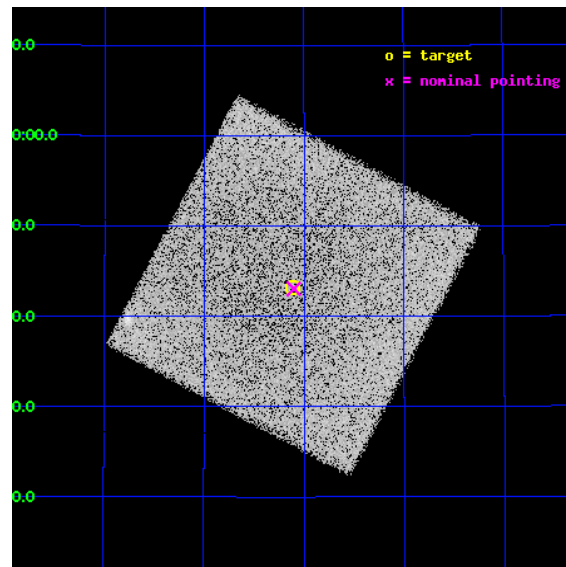
L2 Processing Date : Sep 28 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

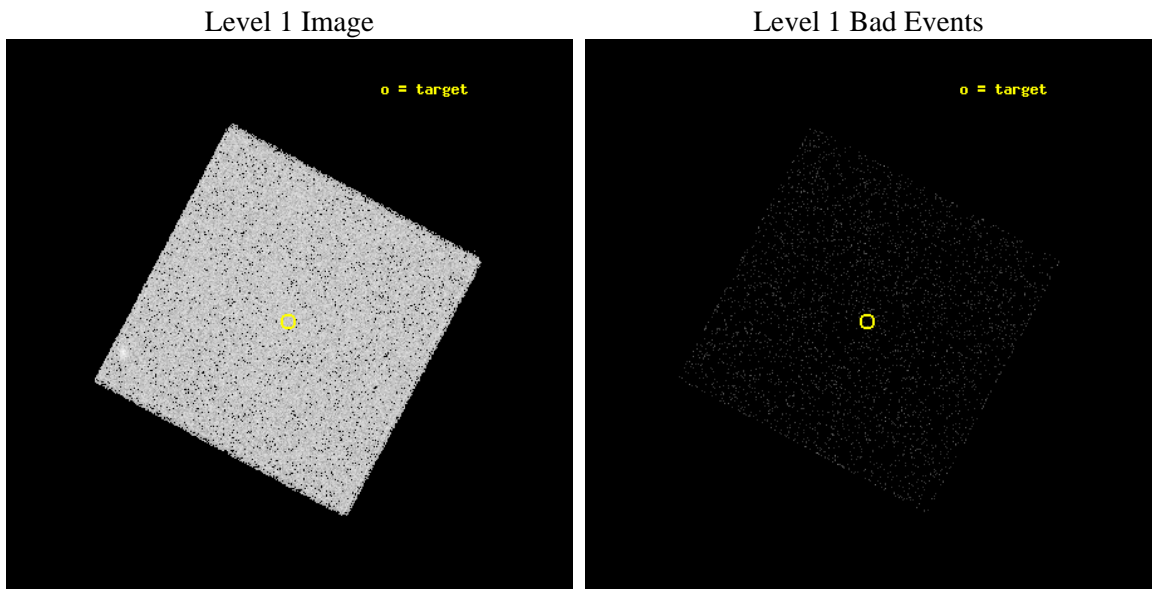
seq_num	600245	Sequence number
obs_id	2908	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-N1	Source name
ra_targ	11.029167	Observer's specified target RA [deg]
dec_targ	41.721	Observer's specified target Dec [deg]
ra_nom	11.025267553336	Nominal RA [deg]
dec_nom	41.717618410504	Nominal Dec [deg]
roll_nom	253.15460126527	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1185.9250474125	[s]
livetime	1172.6098747832	Ontime multiplied by DTCOR
l2events	93489	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	1185.9250474125	[s]
caldbver	4.5.2	 	l1events	195561	Number of level 1 events
date	2012-09-28T03:47:43	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

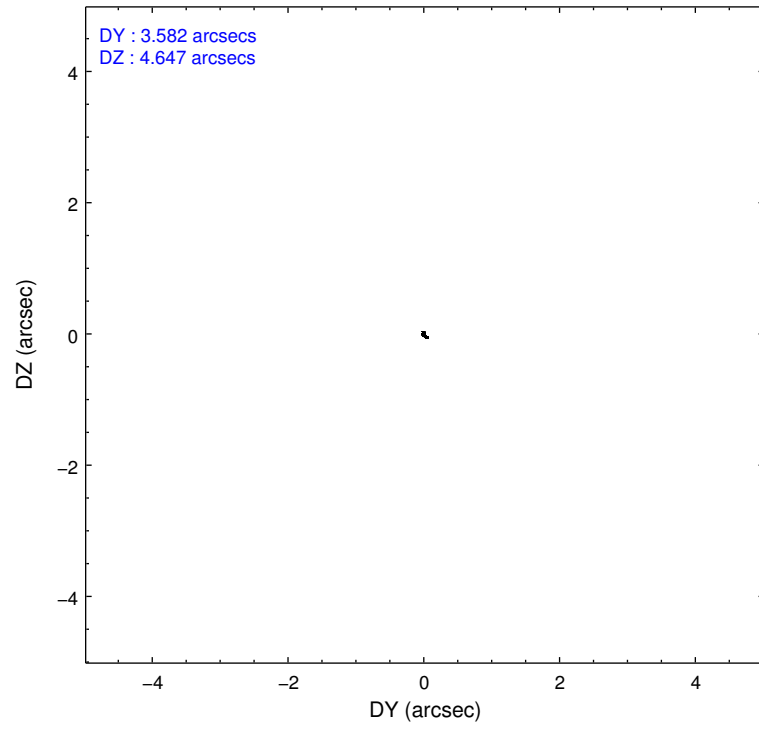
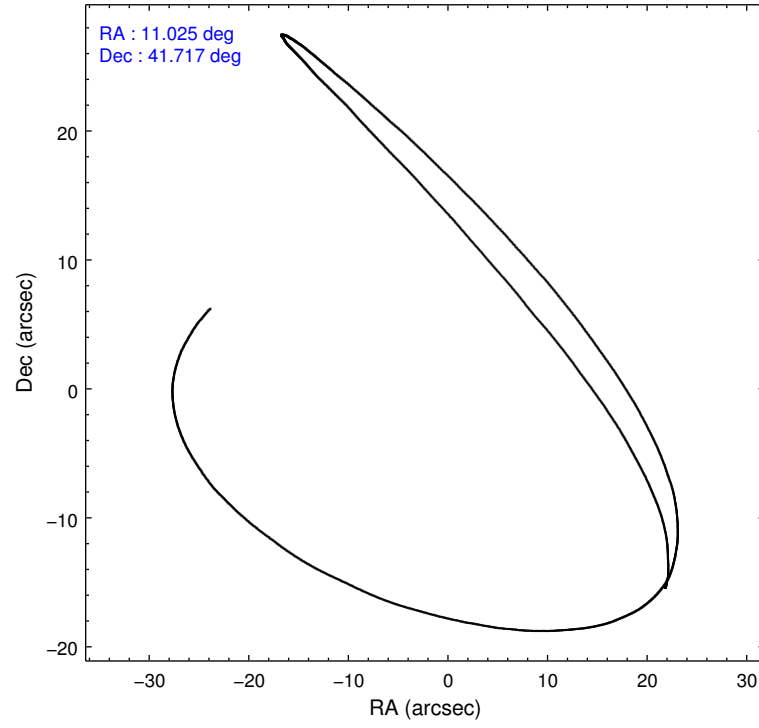
Level 1 Events

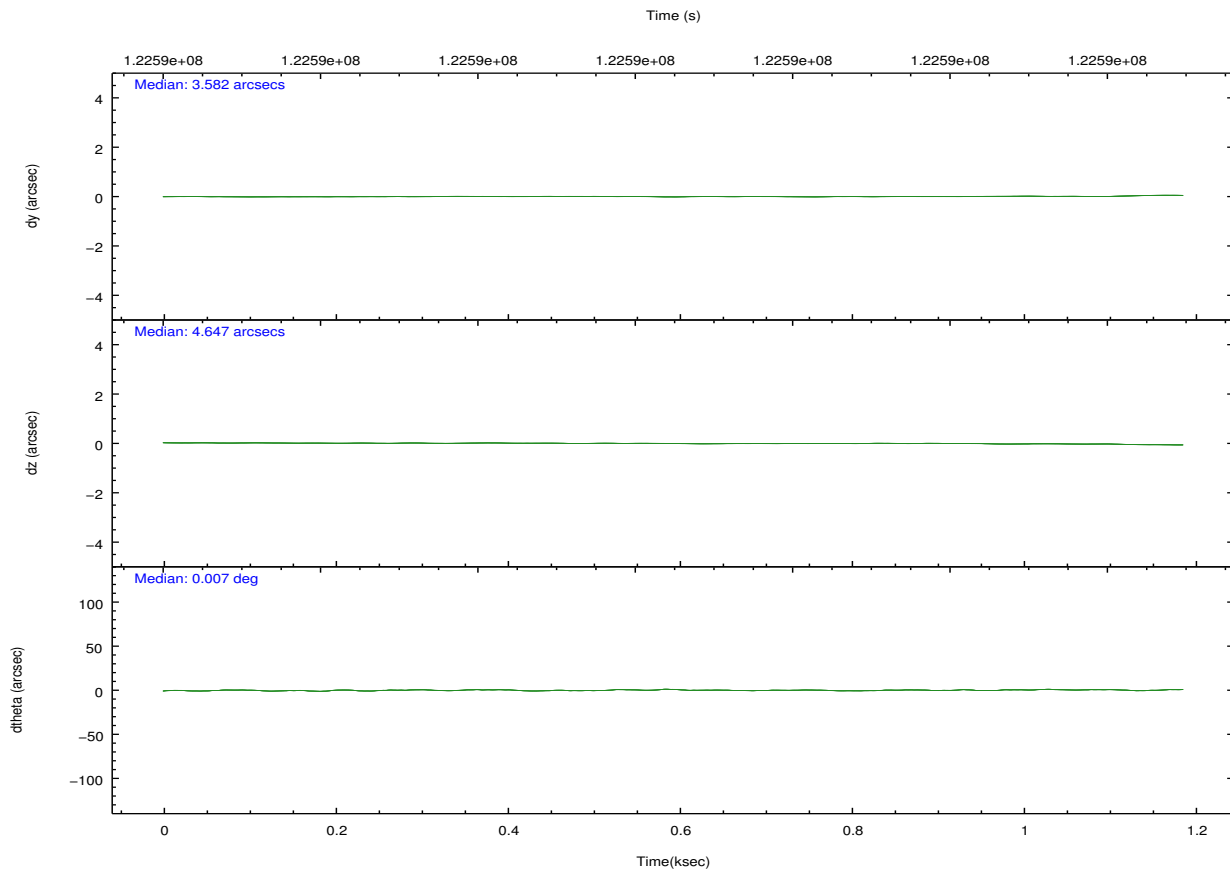
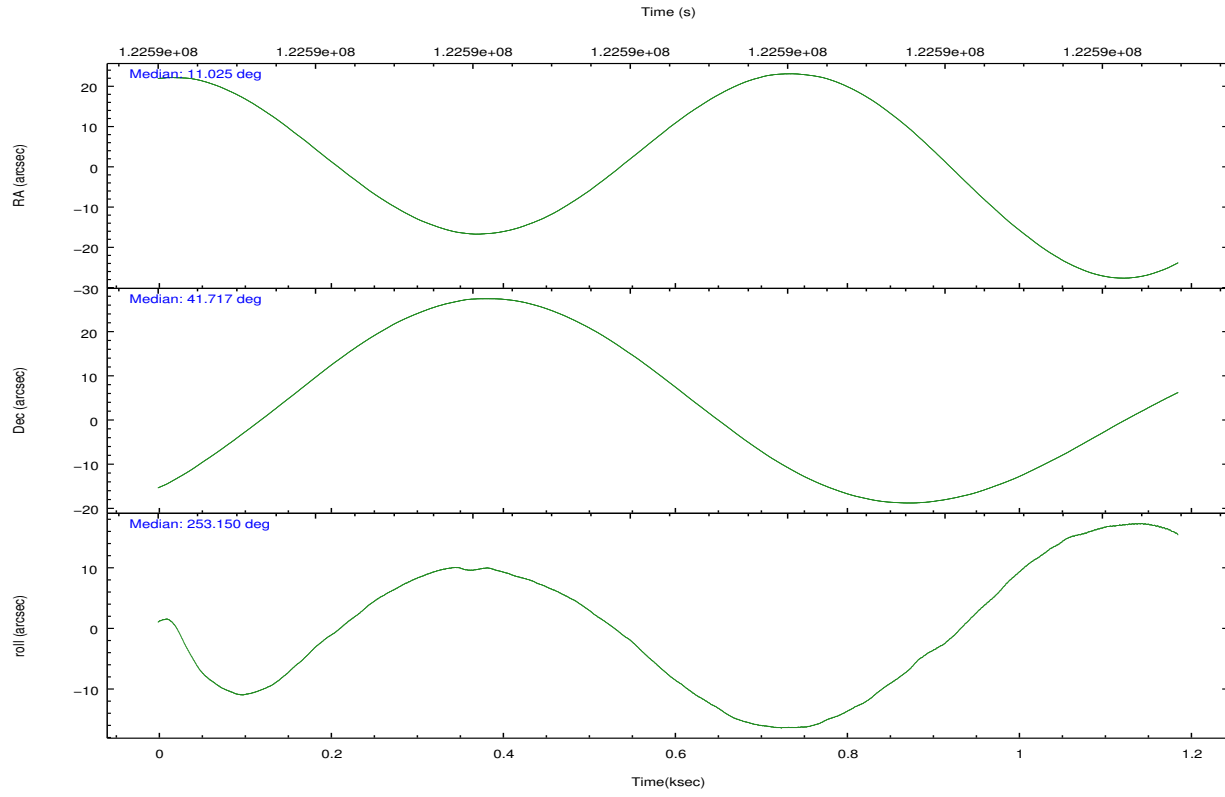
	segment 0
level 1 events	195561
rejected events	45357
rejected %	23%

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	11.016534	11.02526755333598			
[deg] Pointing Dec	41.744025	41.71761841050365			
[deg] Pointing Roll	253.255814	253.1546012652729			
[s] Window start time (MET)	122515264.184000	122515264.184000			
[s] Window stop time (MET)	123120064.184000	123120064.184000			
[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)	122592841.184000	122592465.39115			
Observation start date	2001-11-19T21:32:57	2001-11-19T21:27:45			
[s] Observation end time (MET)	122593841.184000	122593975.21621			
Observation end date	2001-11-19T21:49:37	2001-11-19T21:52:55			

2.3 Aspect



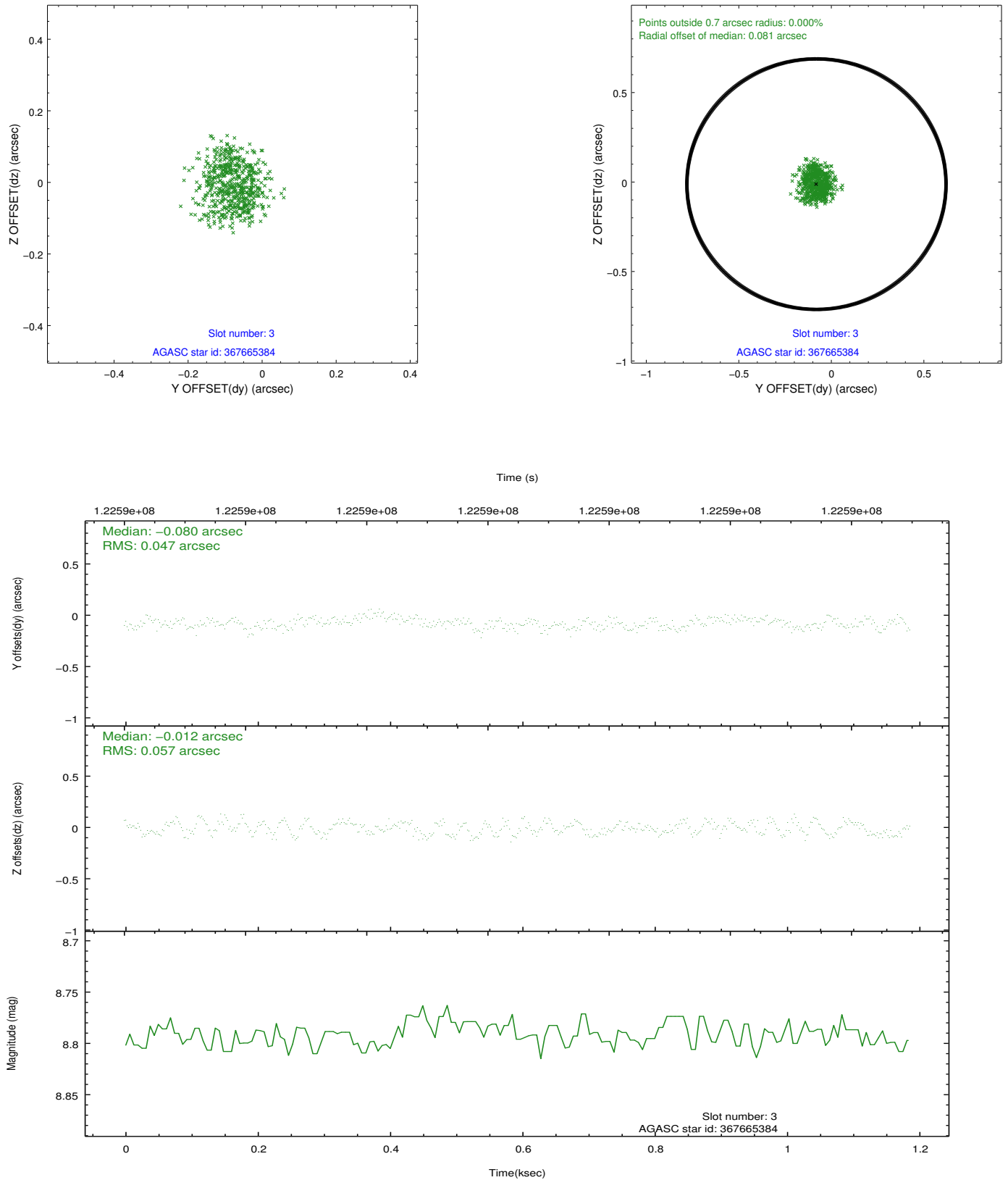


Slot Statistics

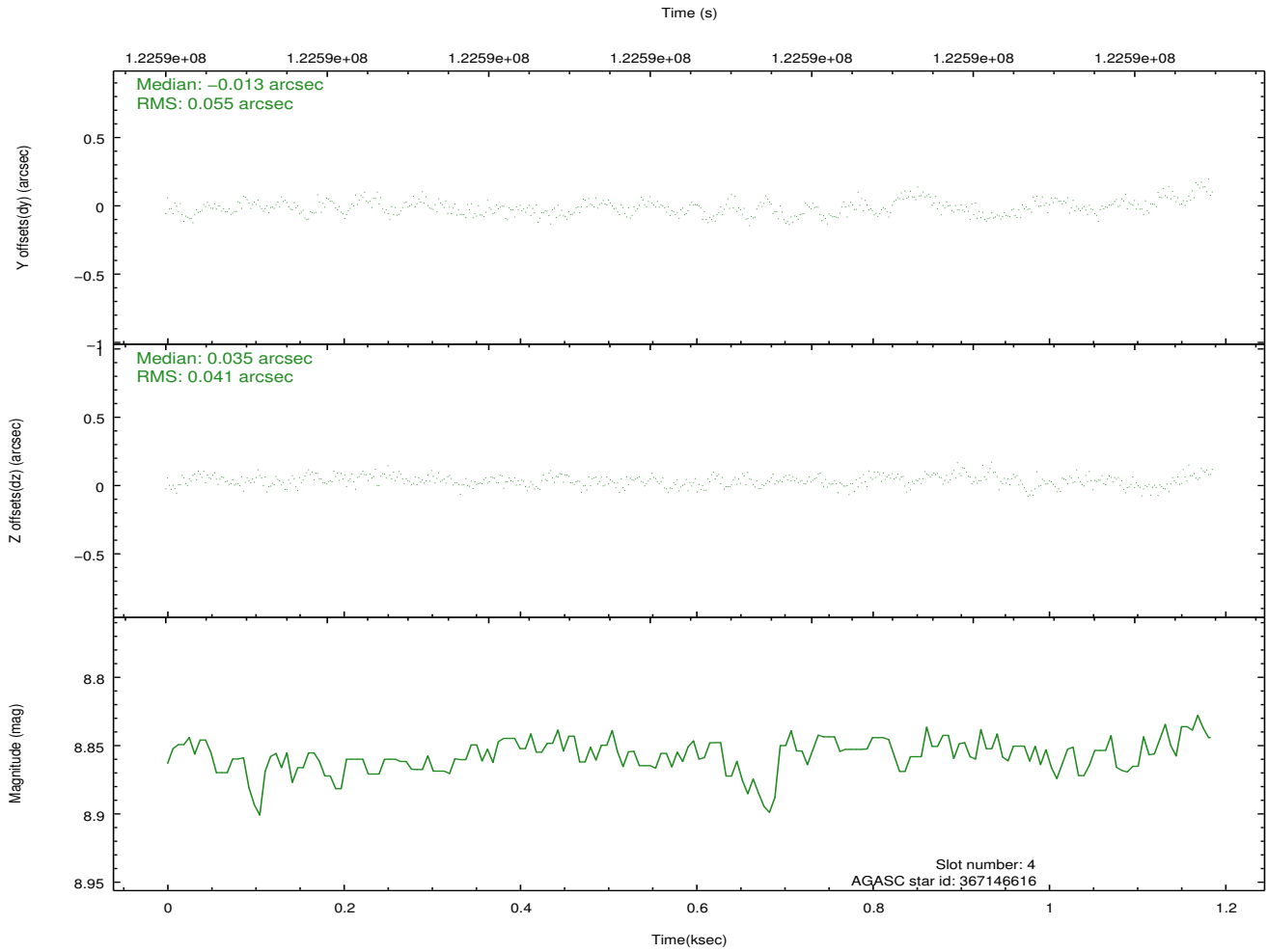
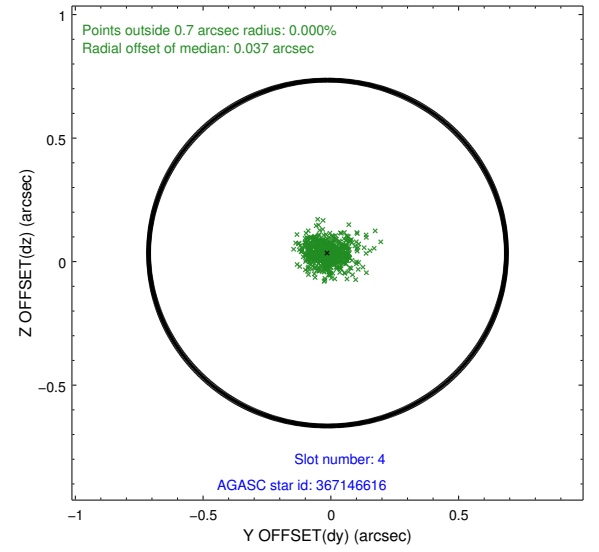
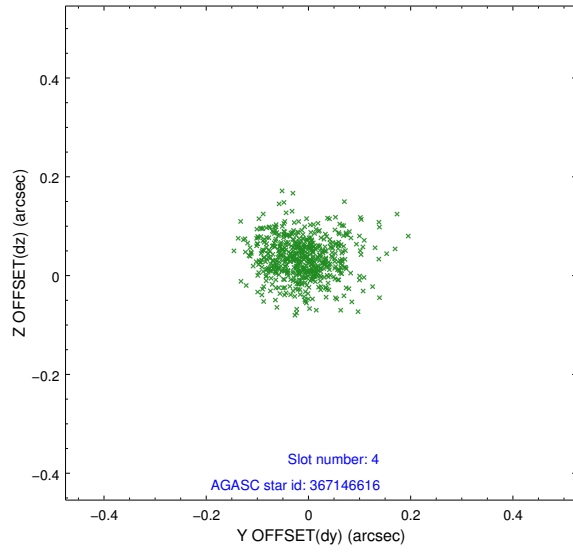
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	290	0.015	0.079	0.006	0.009	0.000000	0.000000	-759.03	-1292.36
1	FID	HRC-I-2	7.00	290	0.078	-0.070	0.005	0.012	0.000000	0.000000	851.04	-1298.50
2	FID	HRC-I-3	7.05	290	0.025	-0.098	0.005	0.009	0.000000	0.000000	-1184.62	1007.54
3	GUIDE	367665384	8.79	580	-0.080	-0.012	0.080	0.120	10.414363	42.275730	-1375.98	-2088.55
4	GUIDE	367146616	8.86	580	-0.013	0.035	0.073	0.121	11.418645	41.190163	1590.86	1614.16
5	GUIDE	367657896	9.02	580	0.045	-0.011	0.067	0.104	11.197765	41.313576	1345.22	919.14
6	GUIDE	367659208	9.31	579	-0.031	0.023	0.103	0.171	11.848231	42.124331	-1958.87	1731.19
7	GUIDE	367665472	9.48	579	0.079	-0.023	0.094	0.153	10.241611	41.730843	633.37	-1978.99

2.4 Star Slots

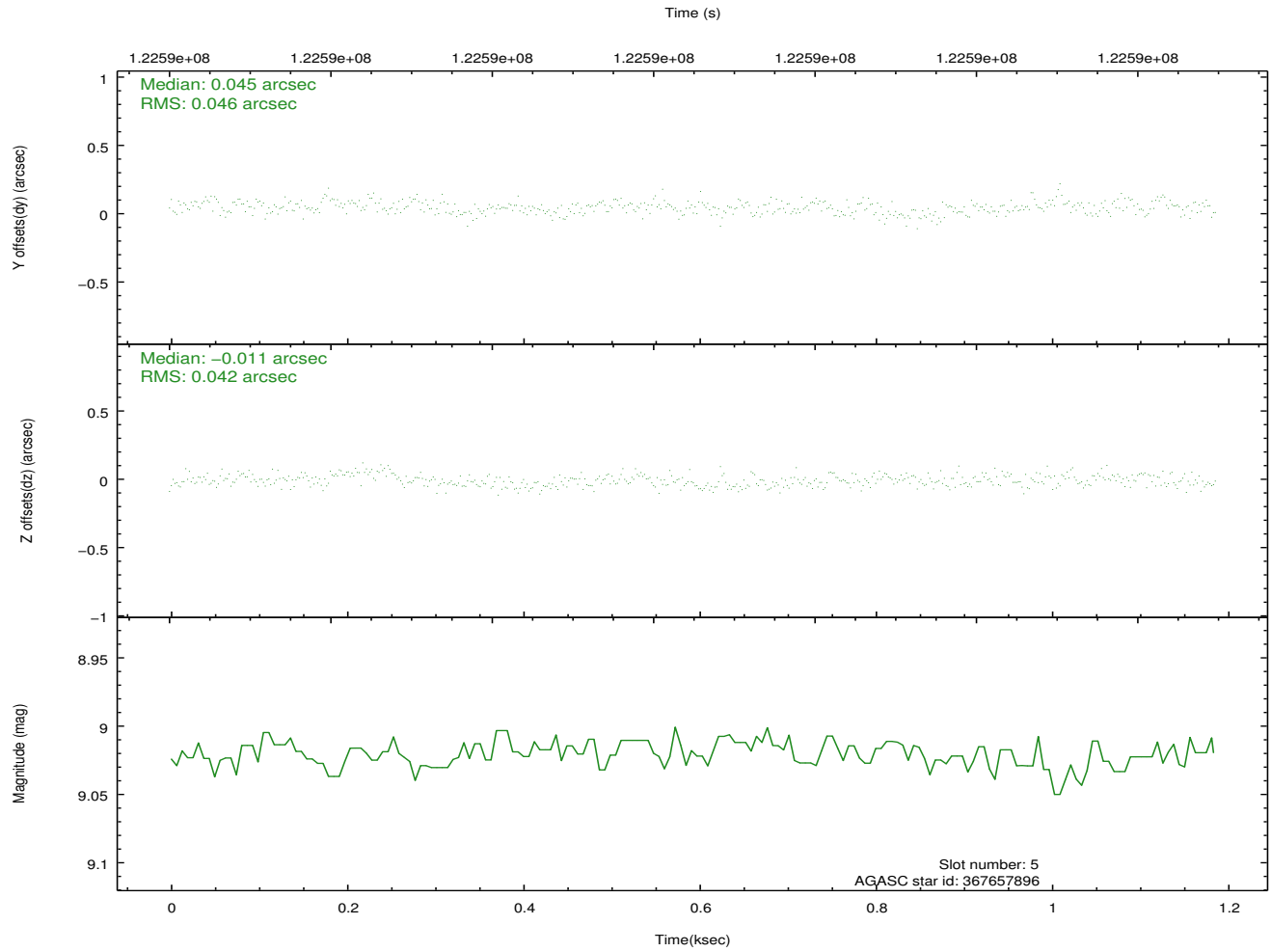
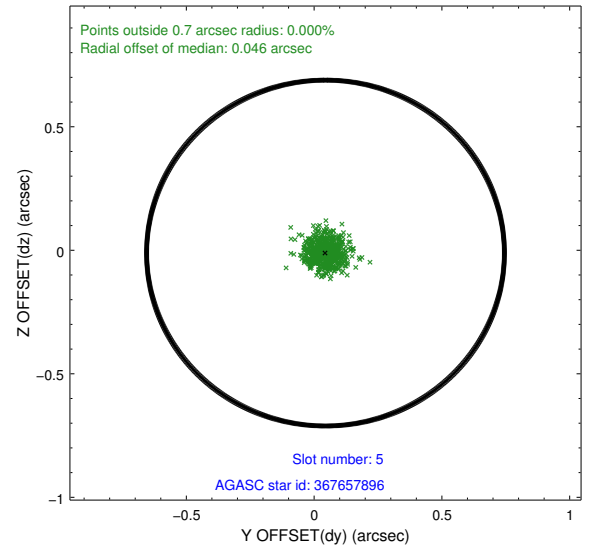
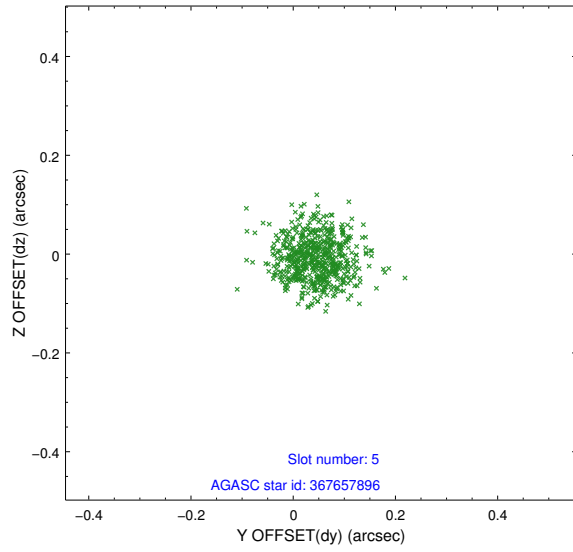
2.4.1 Slot 3



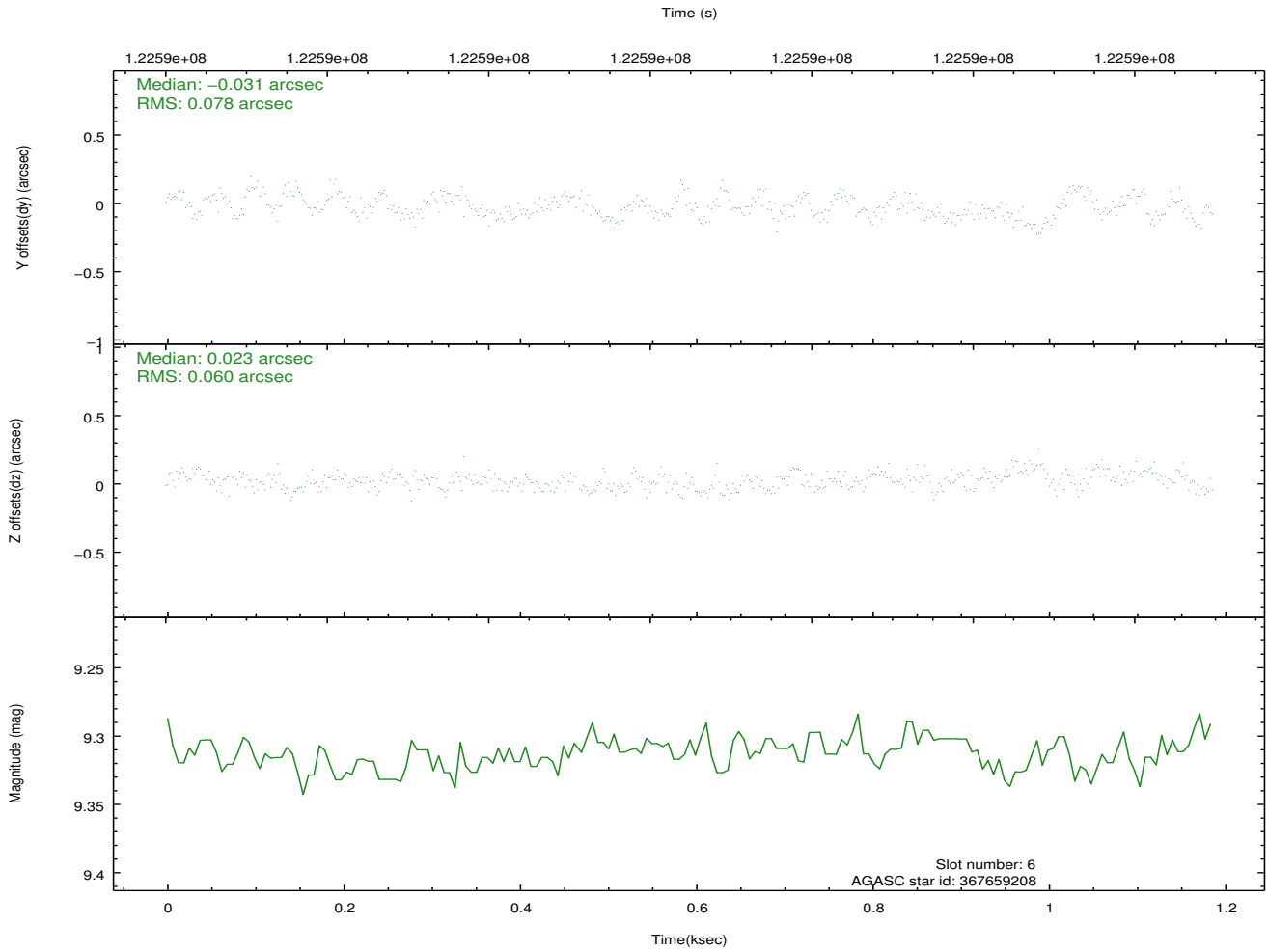
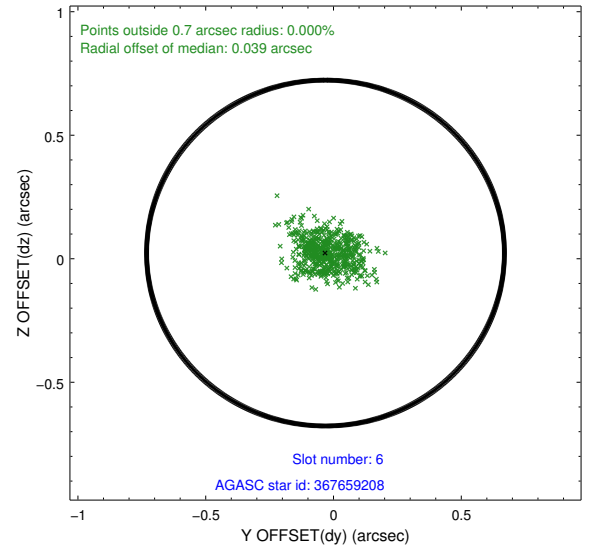
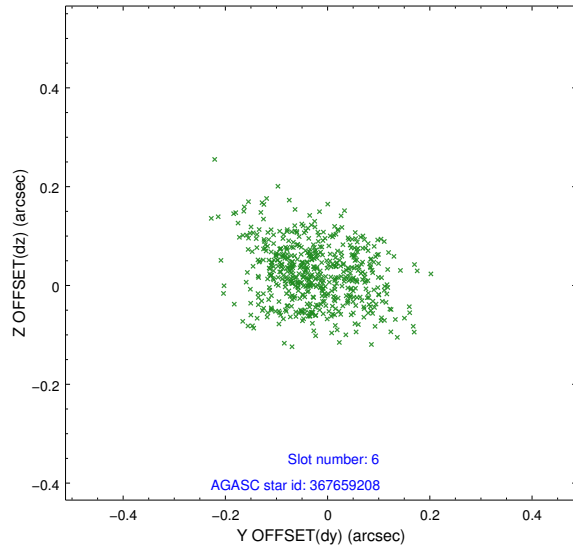
2.4.2 Slot 4



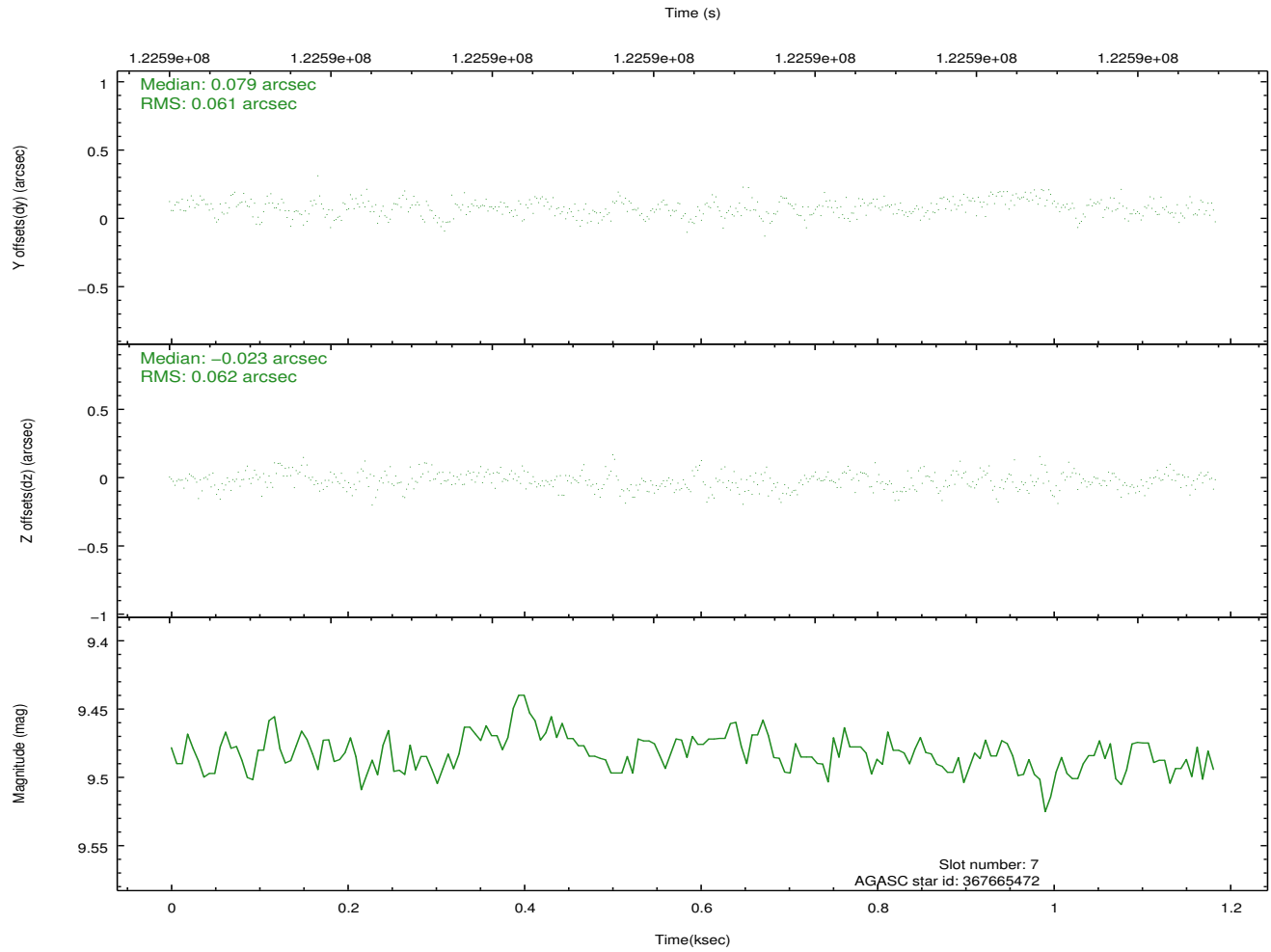
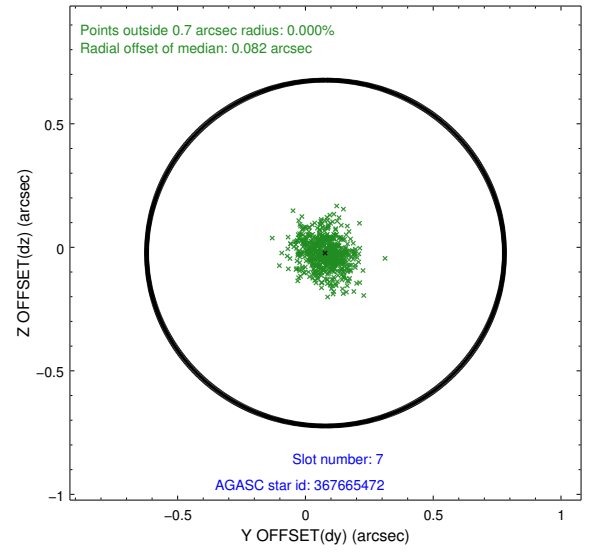
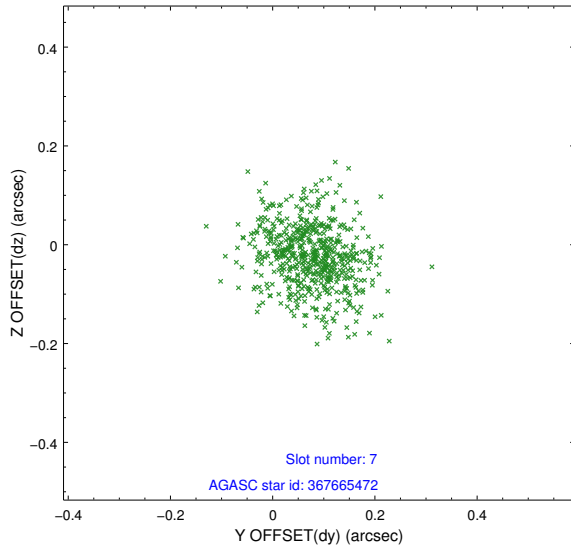
2.4.3 Slot 5



2.4.4 Slot 6

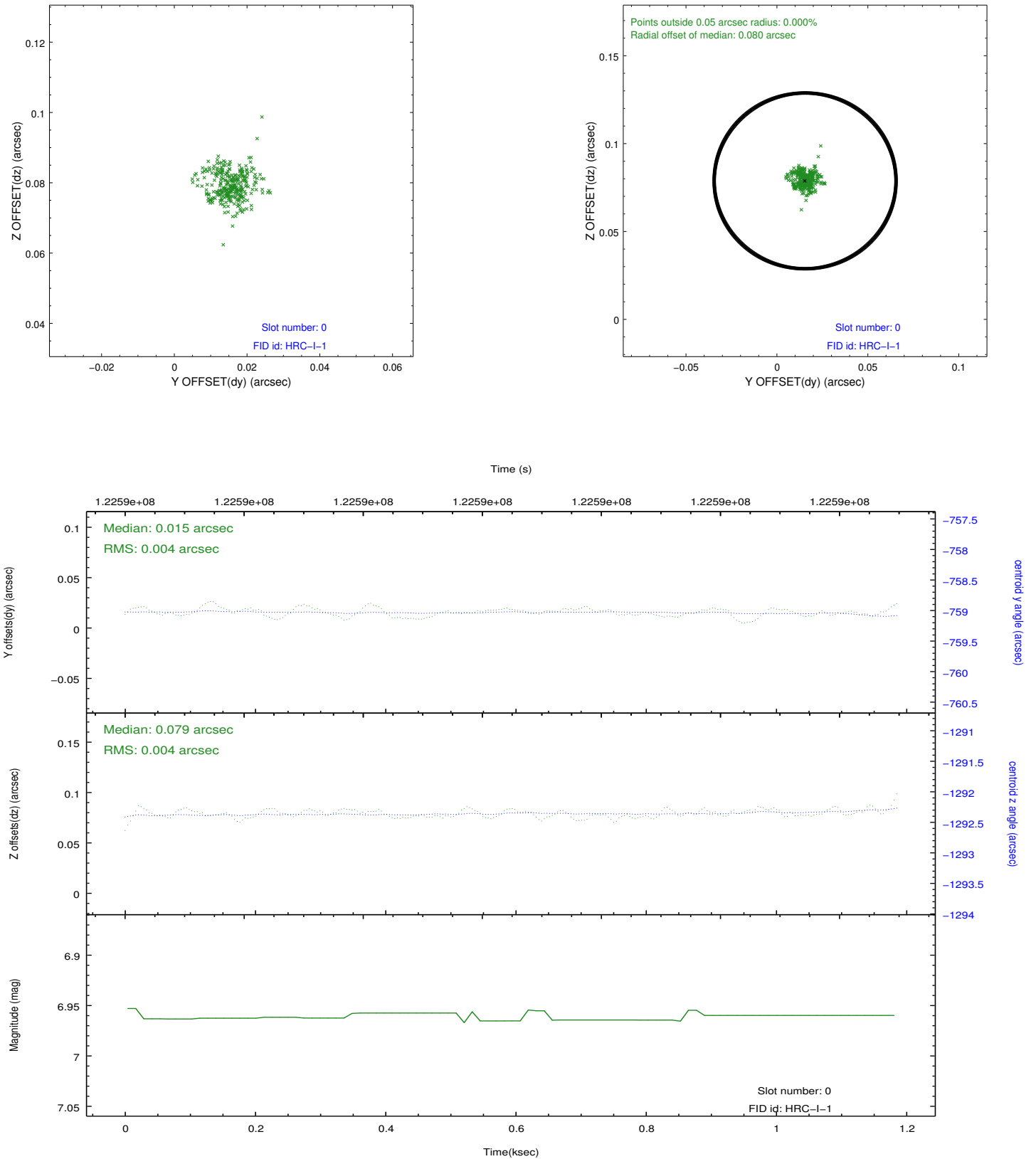


2.4.5 Slot 7

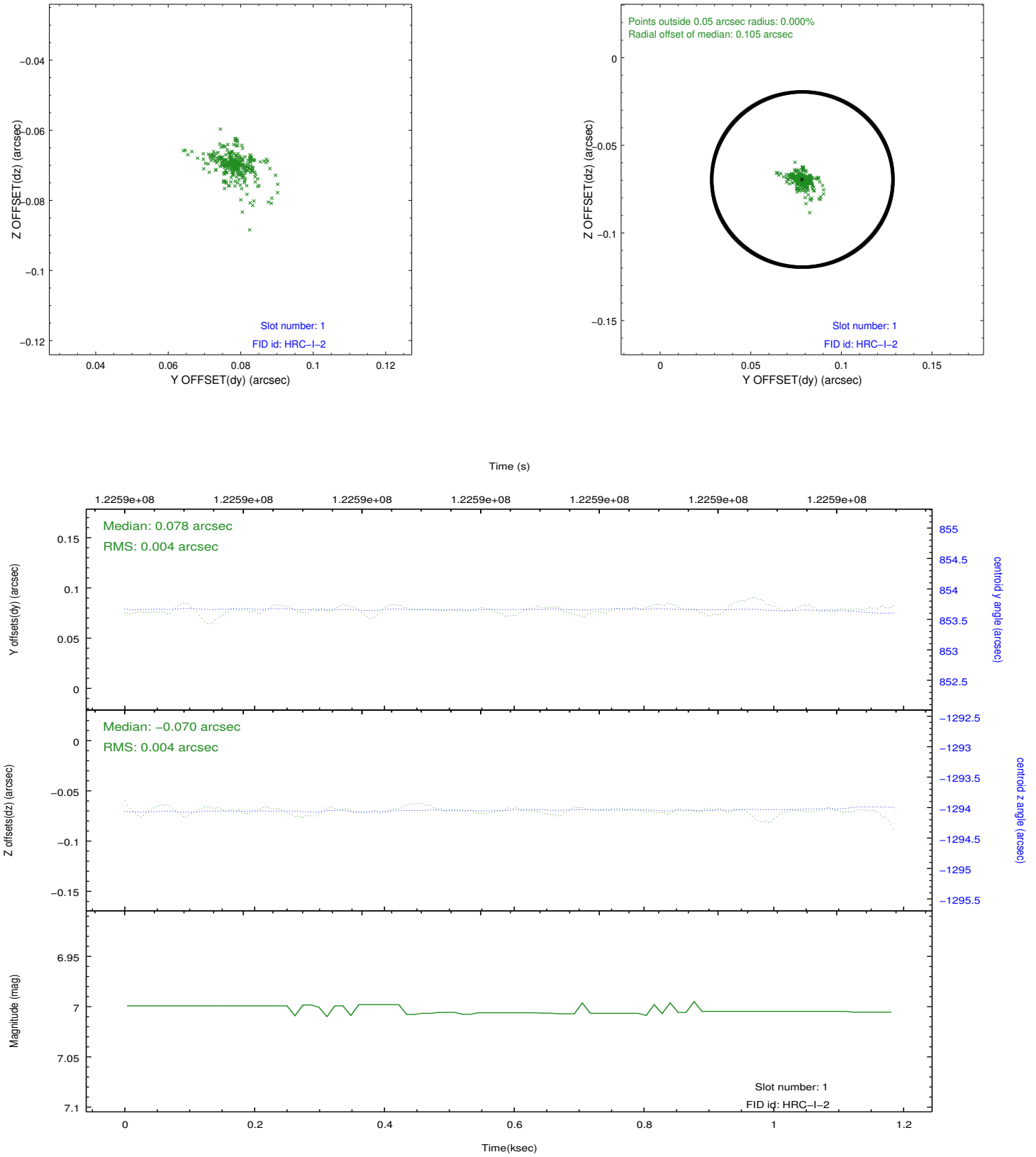


2.5 FID Slots

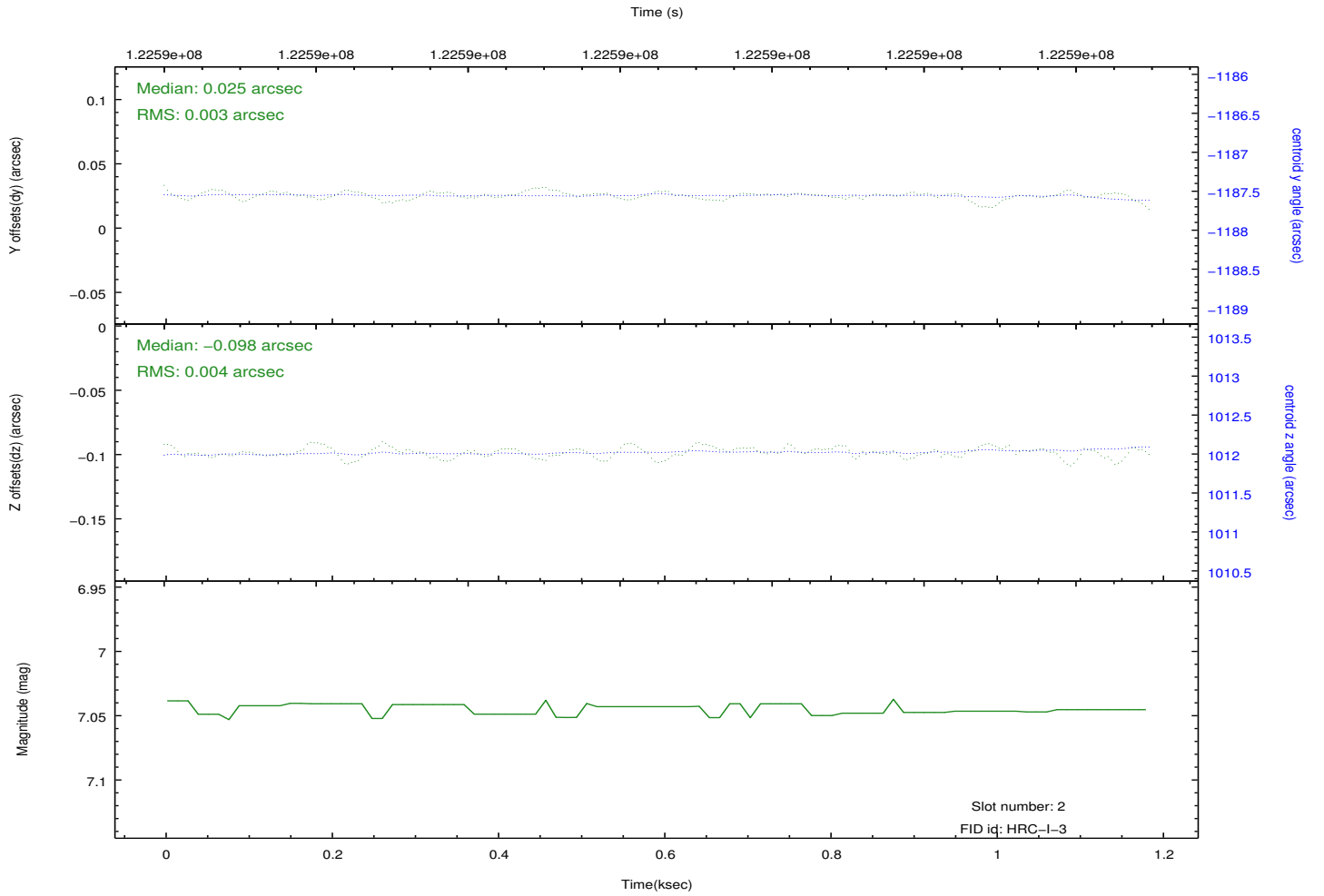
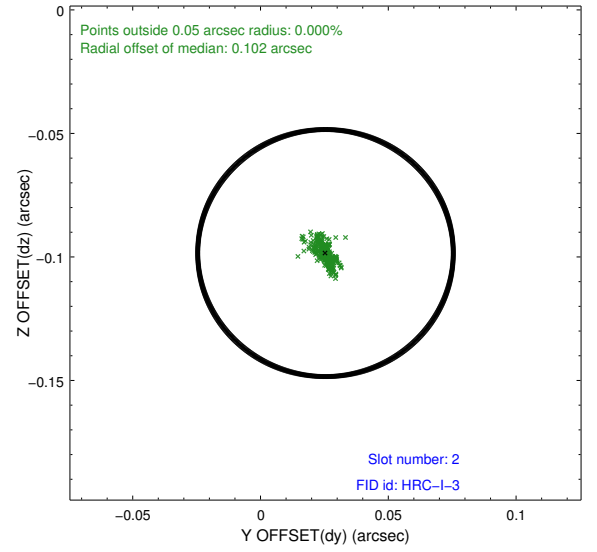
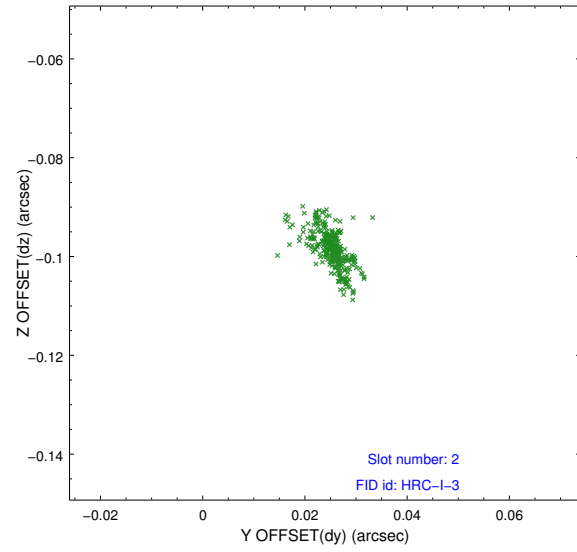
2.5.1 Slot 0



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)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.186

A.2 Comments

Window constraint met.