

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2889 - L2 Version 4
Chandra X-Ray Center

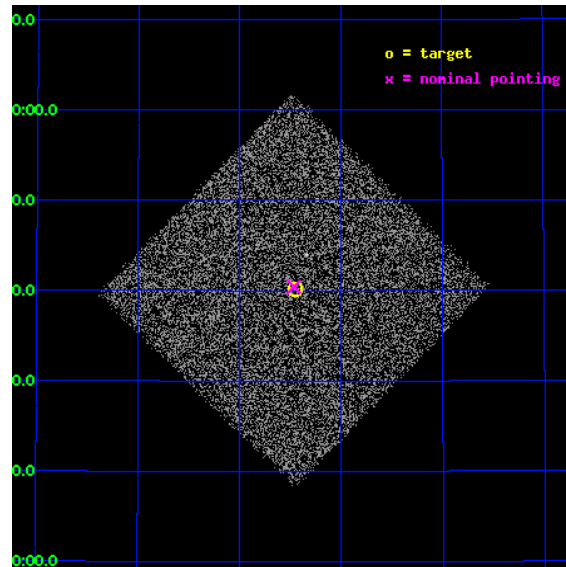
L2 Processing Date : Oct 8 2012

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1 Front

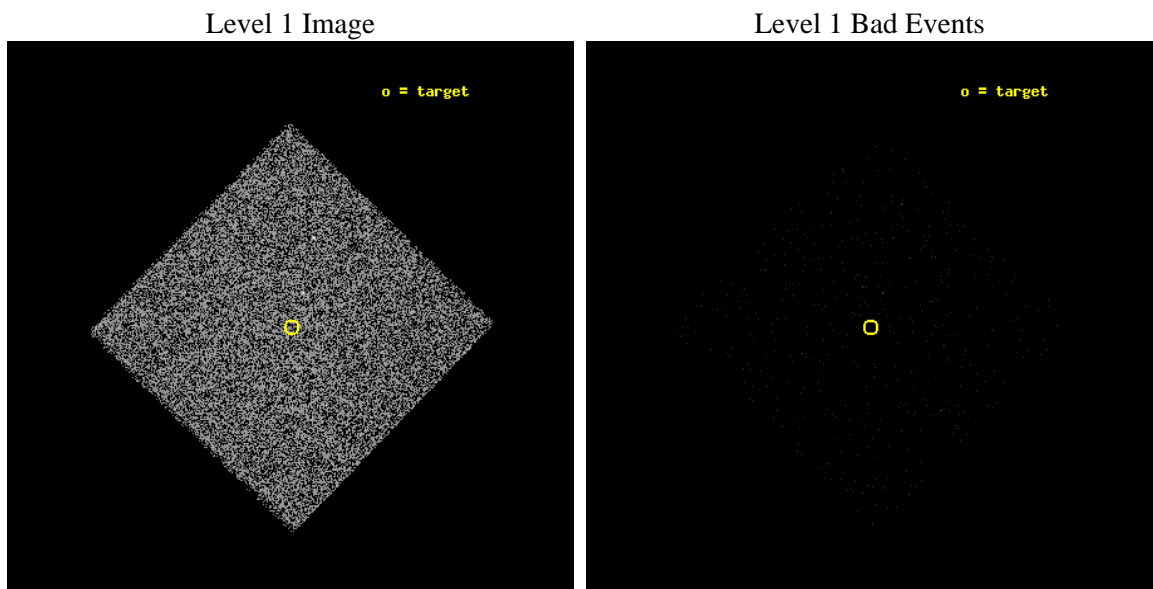
seq_num	600226	Sequence number
obs_id	2889	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-S2	Source name
ra_targ	10.112917	Observer's specified target RA [deg]
dec_targ	40.67	Observer's specified target Dec [deg]
ra_nom	10.115915193298	Nominal RA [deg]
dec_nom	40.673860440527	Nominal Dec [deg]
roll_nom	89.149513961981	Nominal Roll [deg]
revision	4	Processing version of data
ontime	984.25629022717	[s]
livetime	979.17658276151	Ontime multiplied by DTCOR
l2events	25491	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	984.25629022717	[s]
caldbver	4.5.2	 	l1events	45307	Number of level 1 events
date	2012-10-08T07:46:28	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

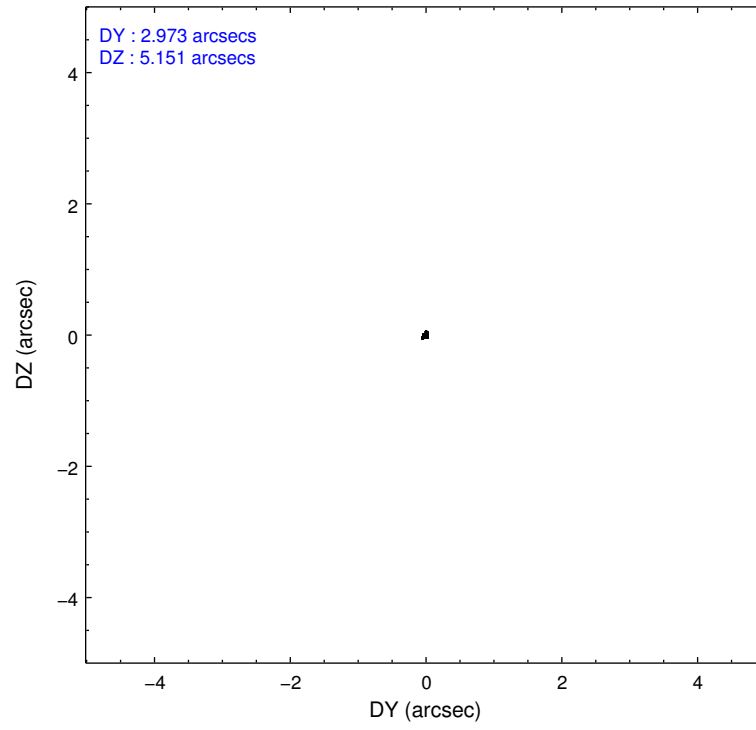
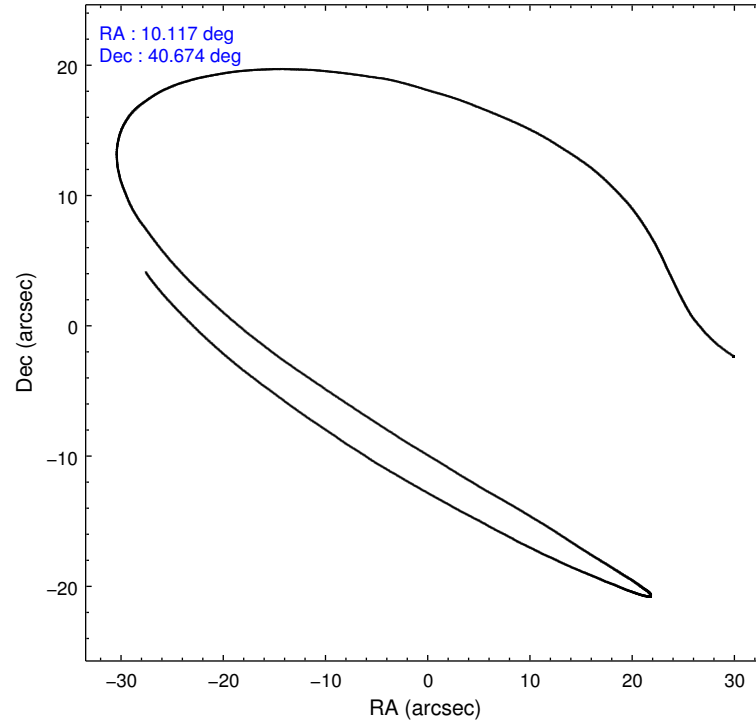
Level 1 Events

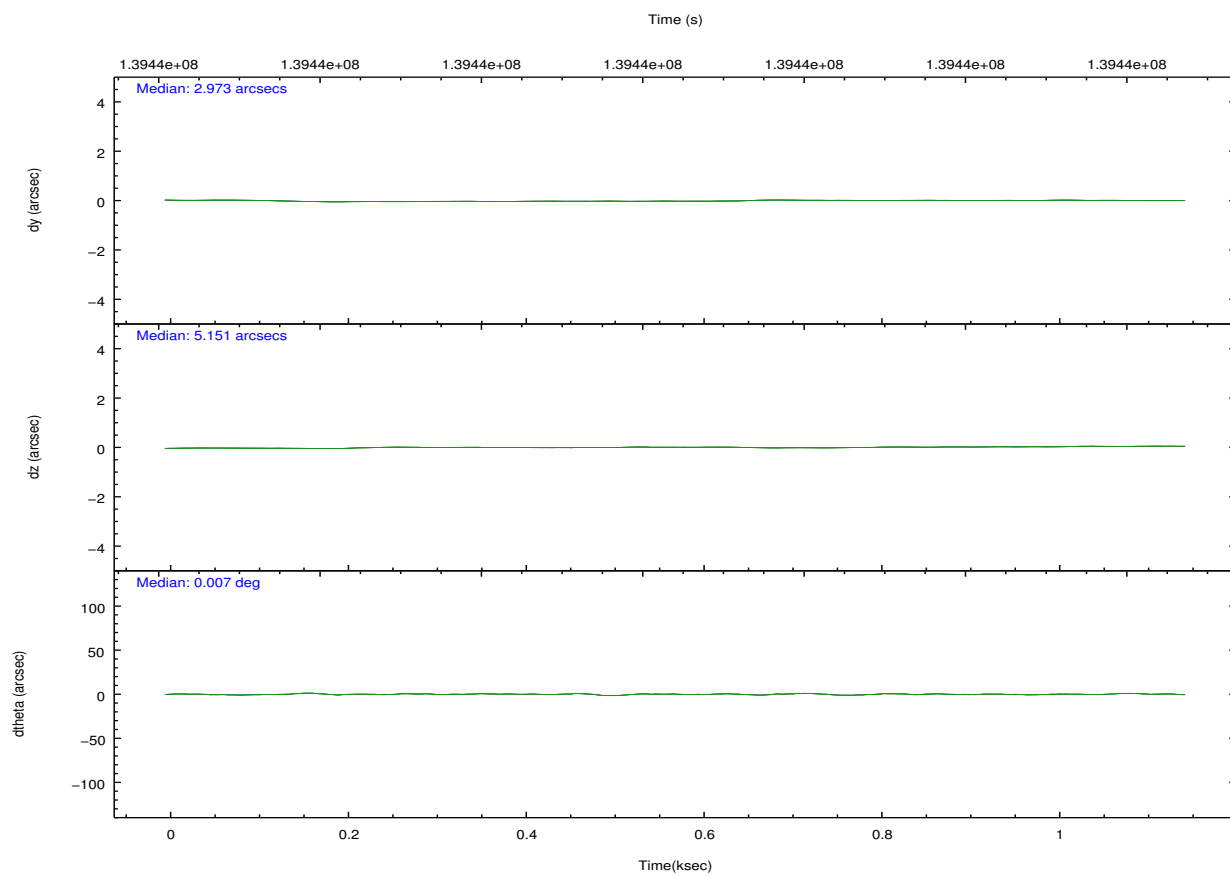
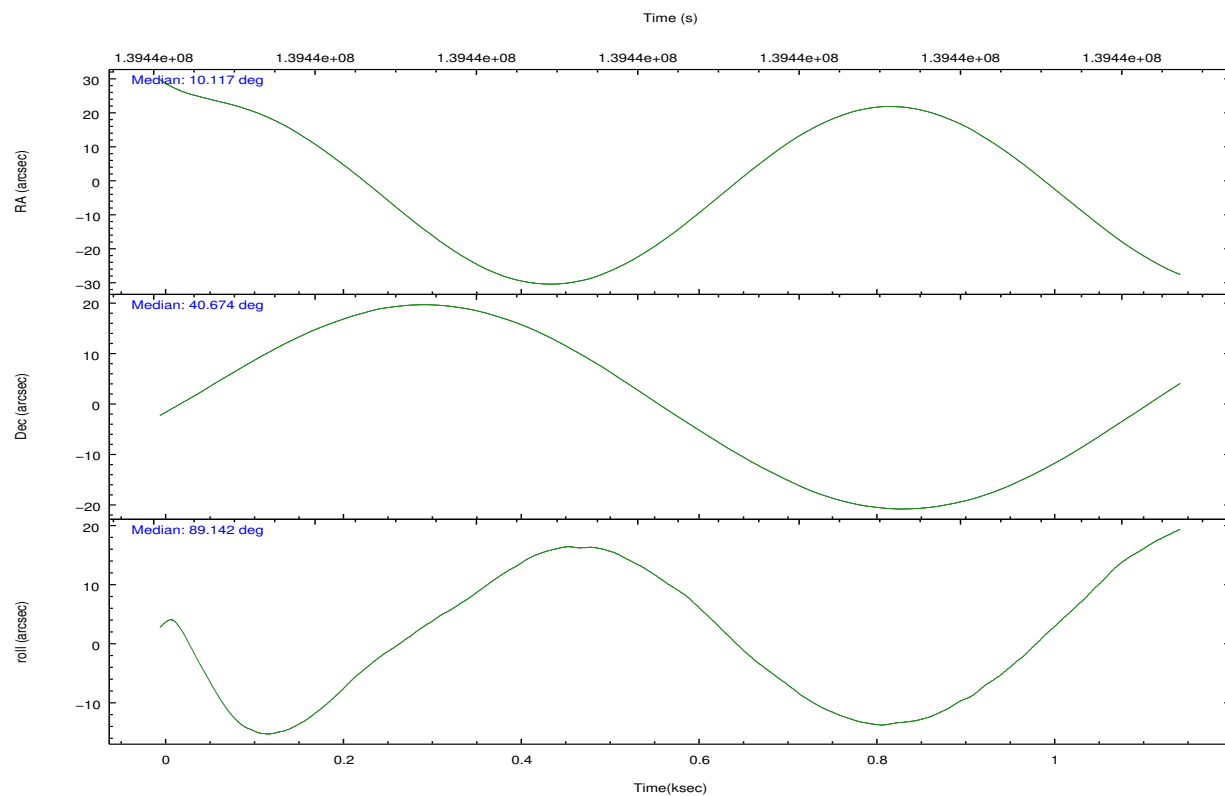
	segment 0
level 1 events	45307
rejected events	6941
rejected %	15%

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	10.133225	10.11591519329761			
[deg] Pointing Dec	40.650463	40.67386044052729			
[deg] Pointing Roll	89.233526	89.14951396198107			
[s] Window start time (MET)	138844864.184000	138844864.184000			
[s] Window stop time (MET)	139363264.184000	139363264.184000			
[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)	139438012.184000	139436947.58443			
Observation start date	2002-06-02T20:45:48	2002-06-02T20:29:07			
[s] Observation end time (MET)	139439012.184000	139439146.72202			
Observation end date	2002-06-02T21:02:28	2002-06-02T21:05:46			

2.3 Aspect



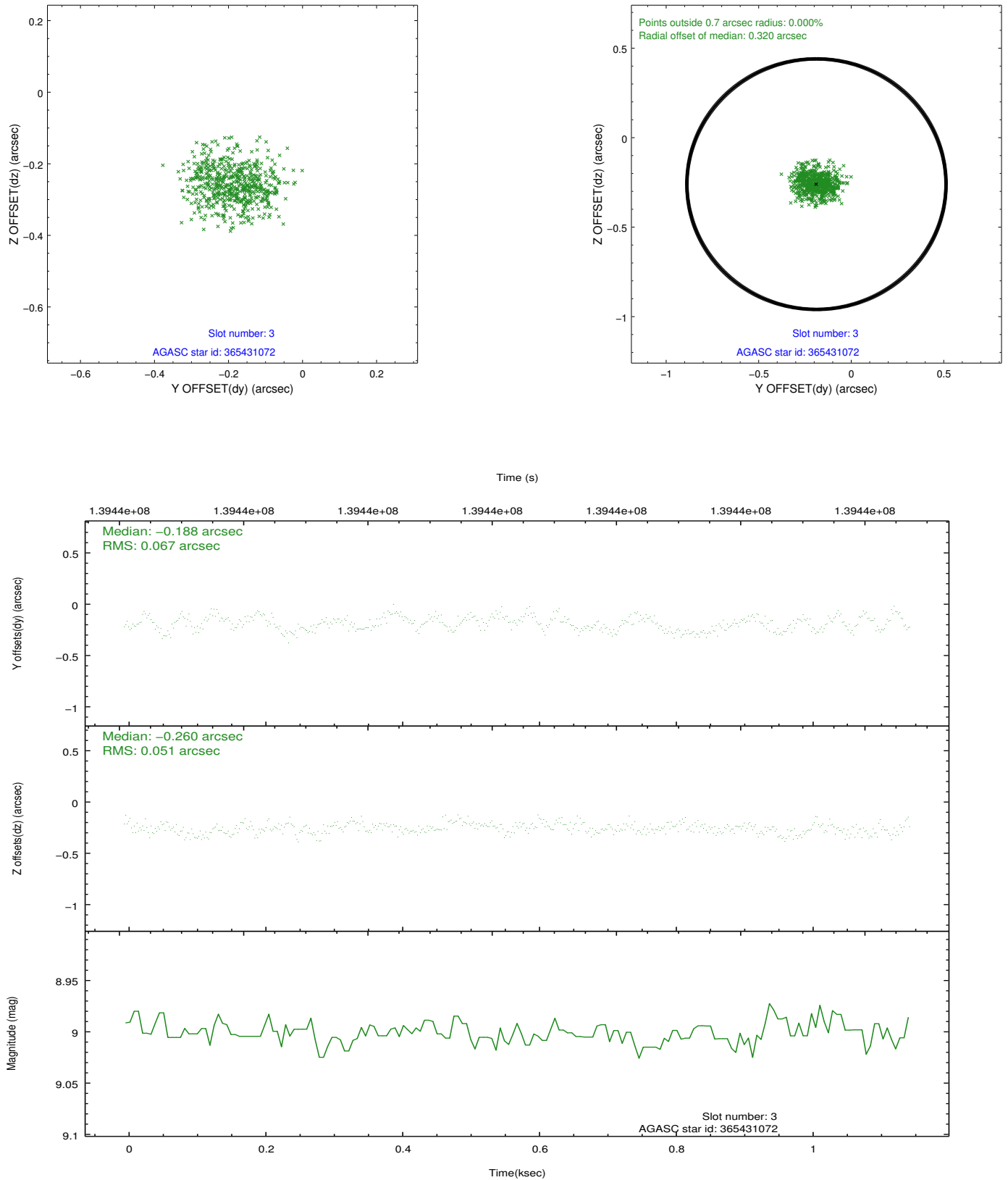


Slot Statistics

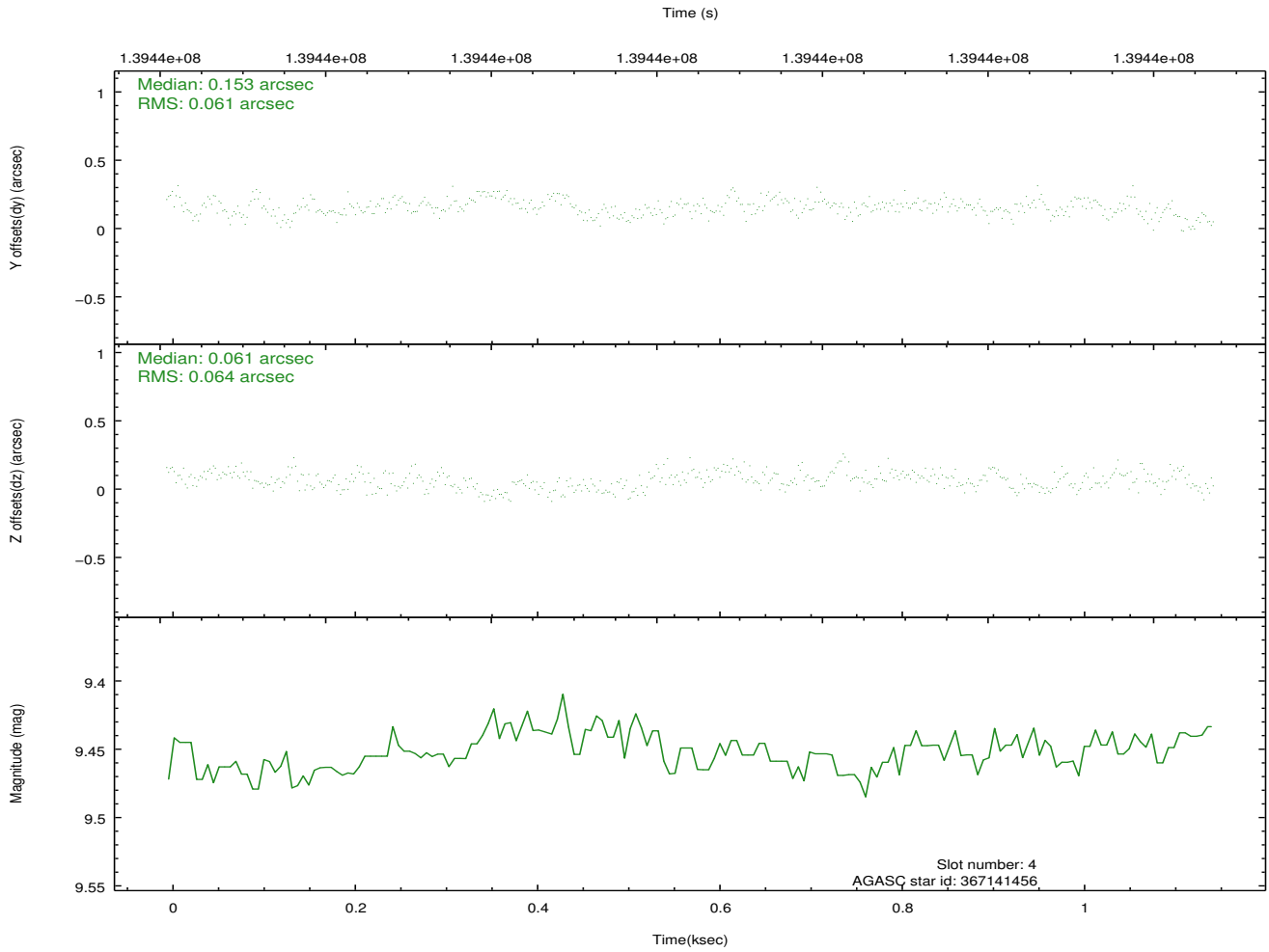
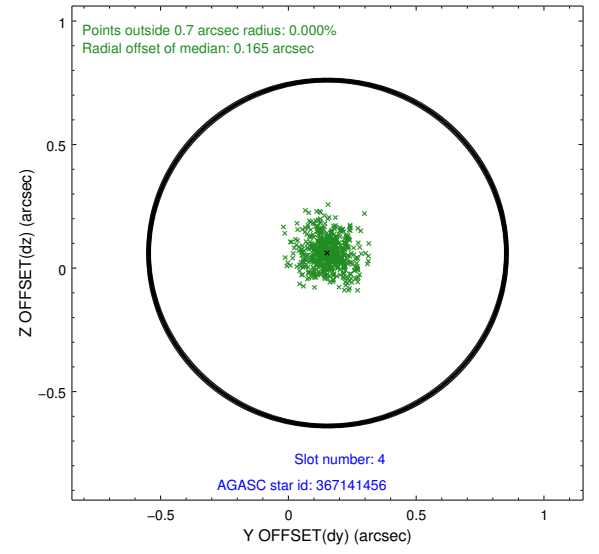
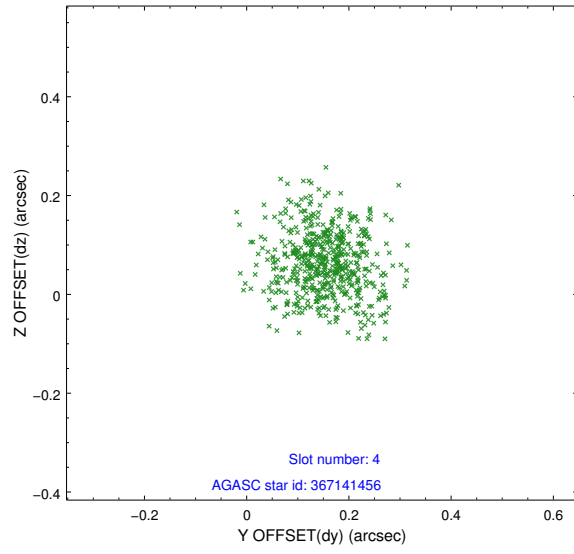
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	280	0.001	0.041	0.007	0.013	0.000000	0.000000	-758.41	-1292.92
1	FID	HRC-I-2	7.01	280	0.072	-0.038	0.007	0.010	0.000000	0.000000	851.58	-1299.15
2	FID	HRC-I-3	7.07	280	0.047	-0.094	0.006	0.013	0.000000	0.000000	-1183.85	1006.86
3	GUIDE	365431072	9.00	561	-0.188	-0.260	0.093	0.137	9.376278	41.092224	1571.47	2078.25
4	GUIDE	367141456	9.45	560	0.153	0.061	0.096	0.153	10.733182	40.145955	-1785.00	-1668.12
5	GUIDE	365439720	8.48	561	-0.017	-0.147	0.057	0.092	9.704623	40.431022	-805.85	1164.02
6	GUIDE	367144424	8.65	561	0.062	0.074	0.065	0.100	10.464515	40.309136	-1215.81	-920.43
7	GUIDE	367139648	8.19	560	-0.016	0.253	0.083	0.120	11.021290	40.433909	-736.43	-2441.60

2.4 Star Slots

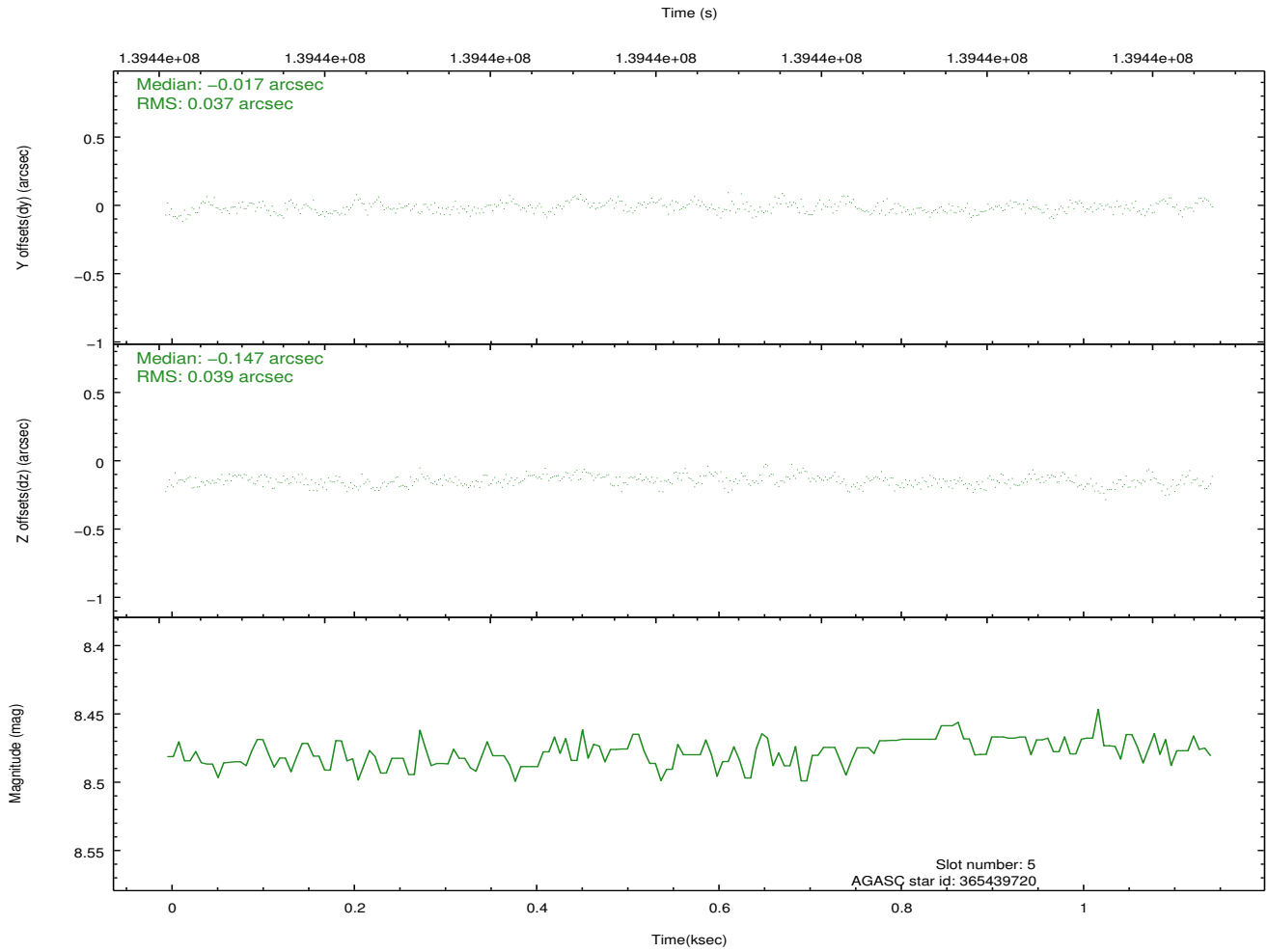
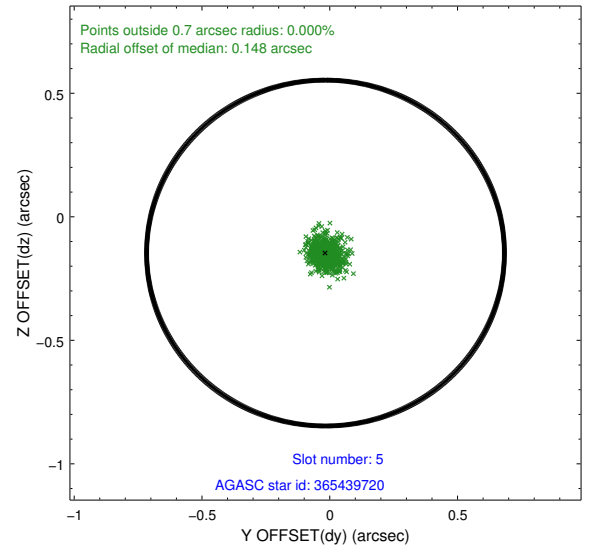
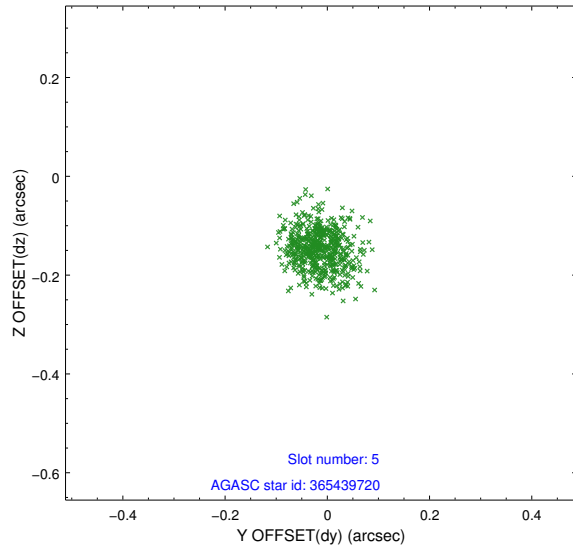
2.4.1 Slot 3



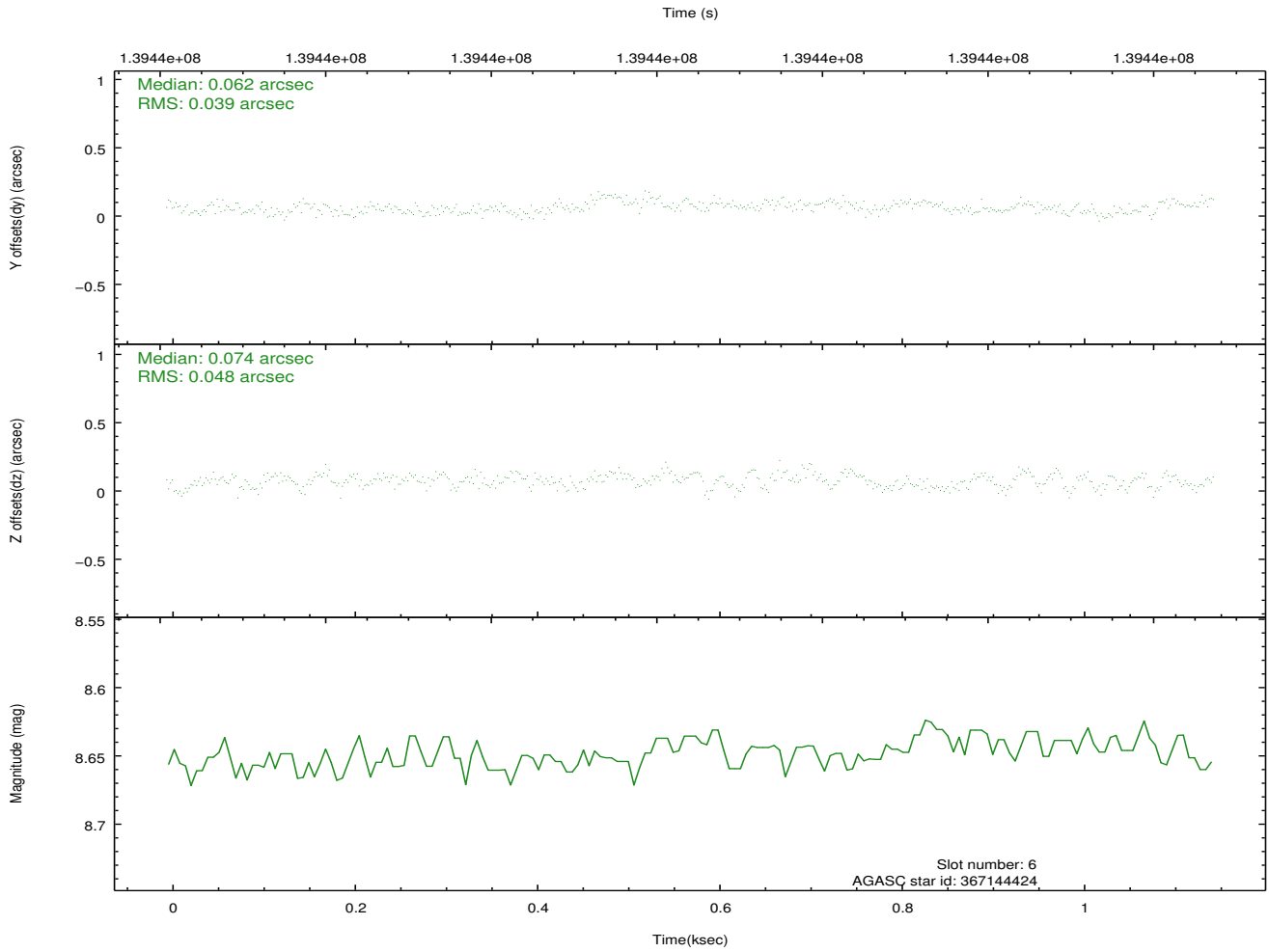
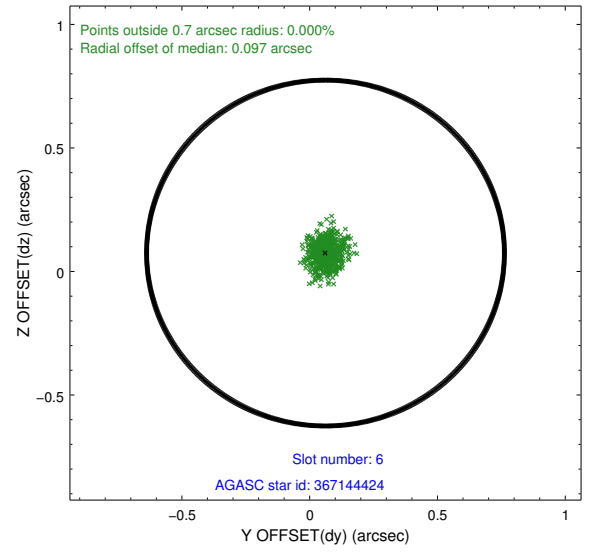
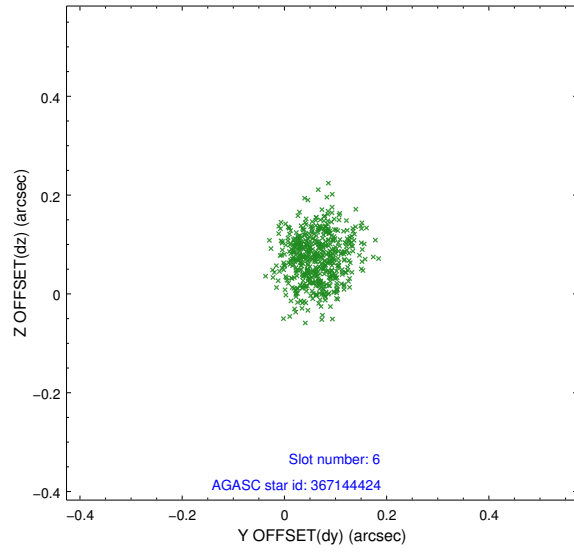
2.4.2 Slot 4



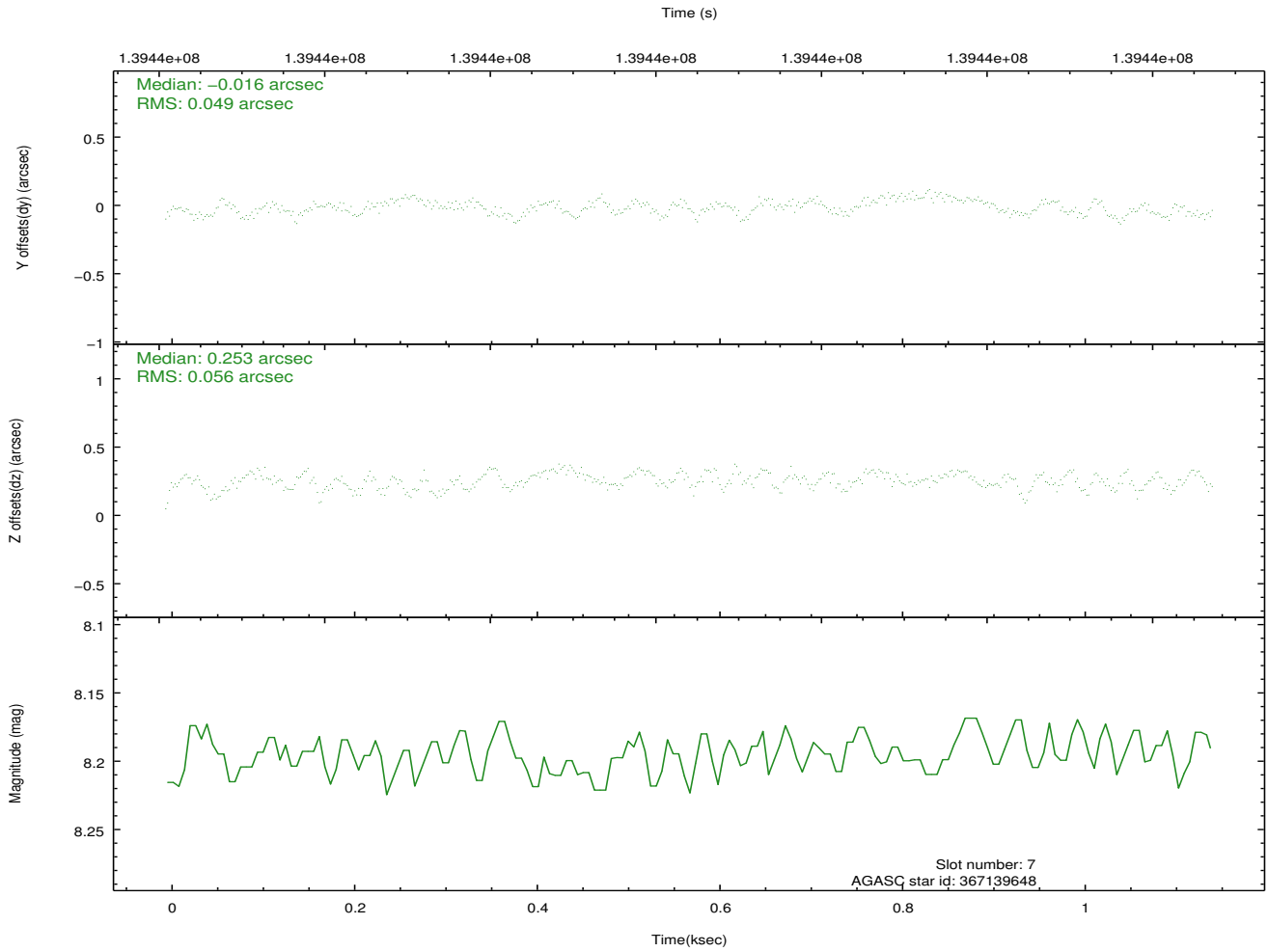
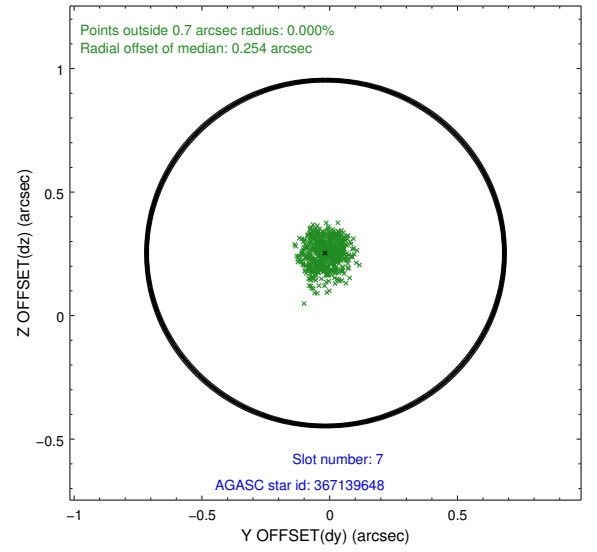
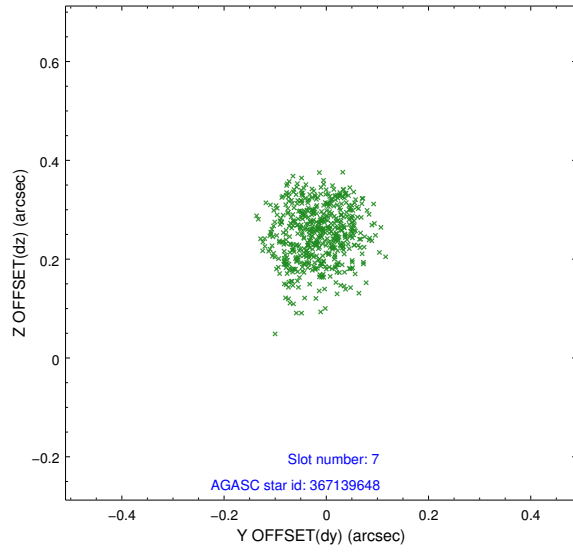
2.4.3 Slot 5



2.4.4 Slot 6

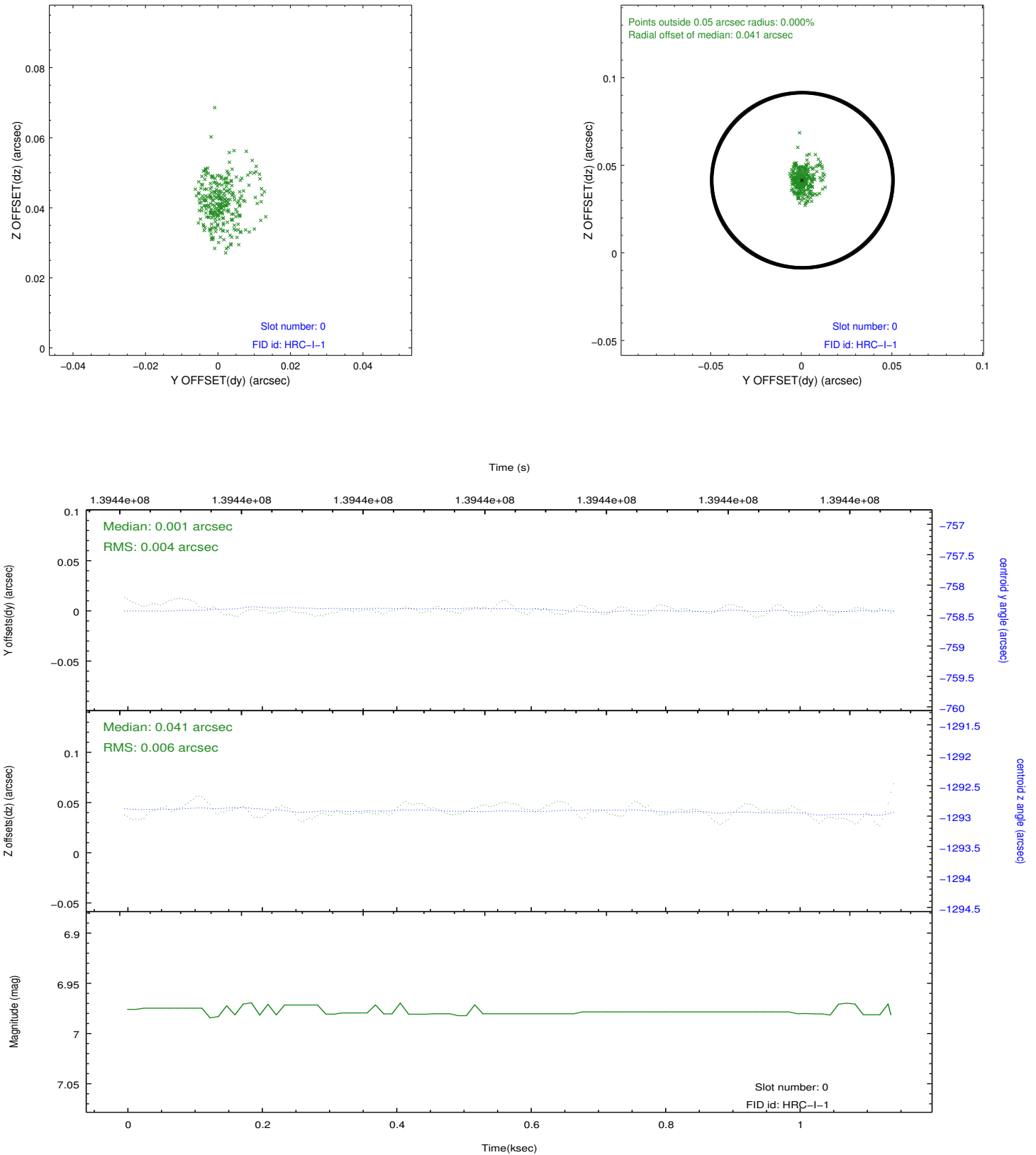


2.4.5 Slot 7

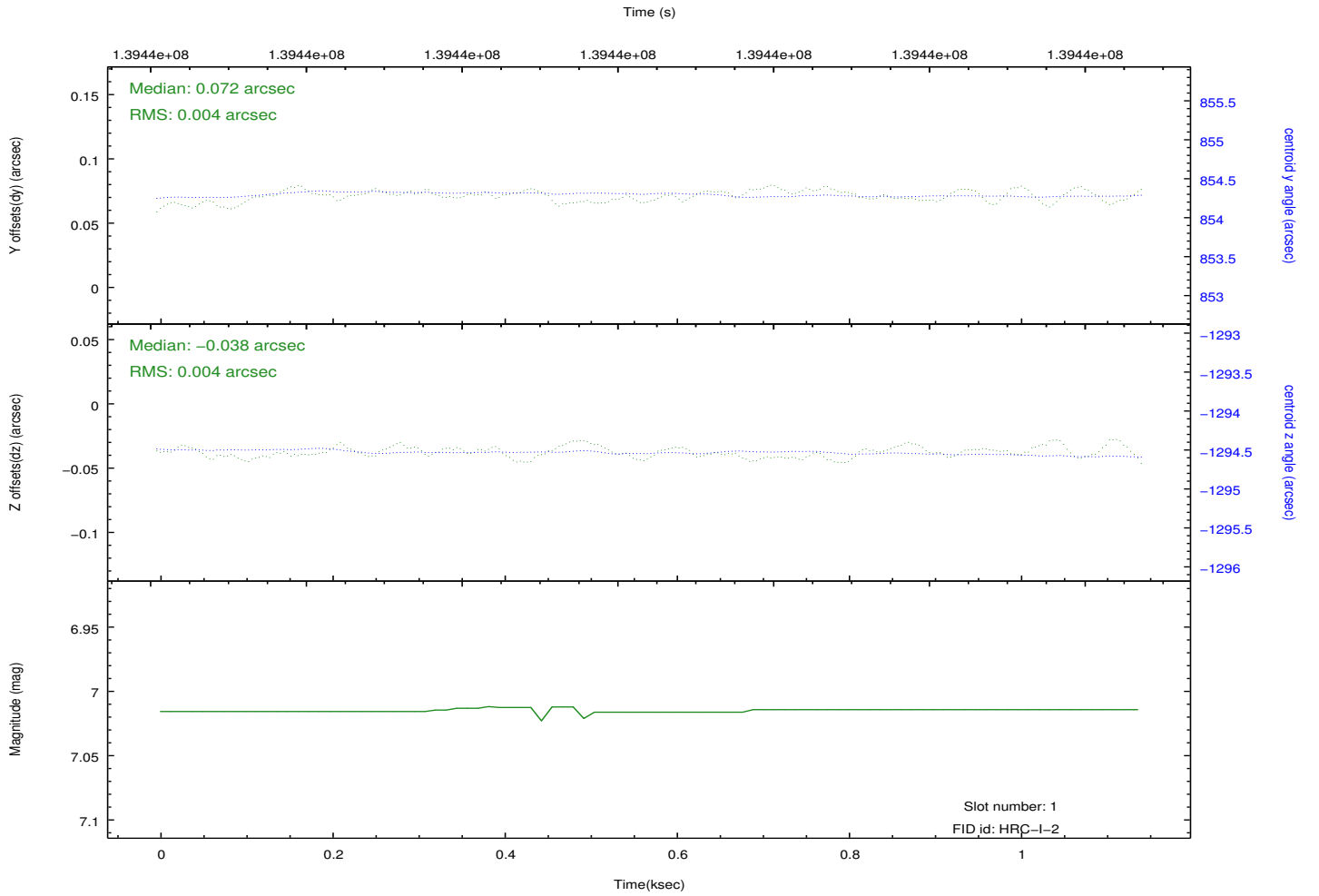
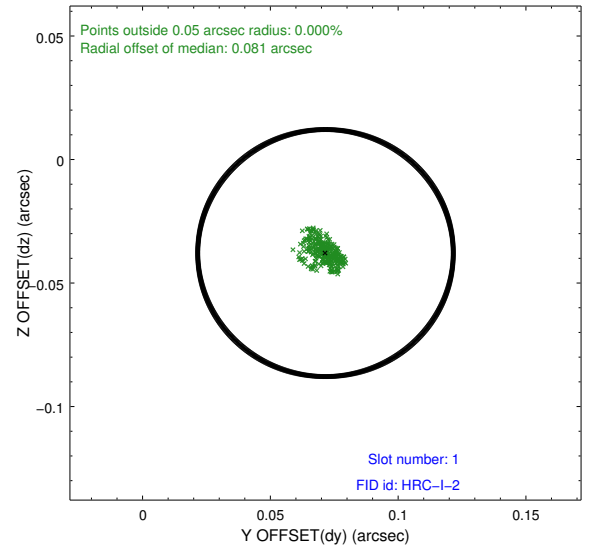
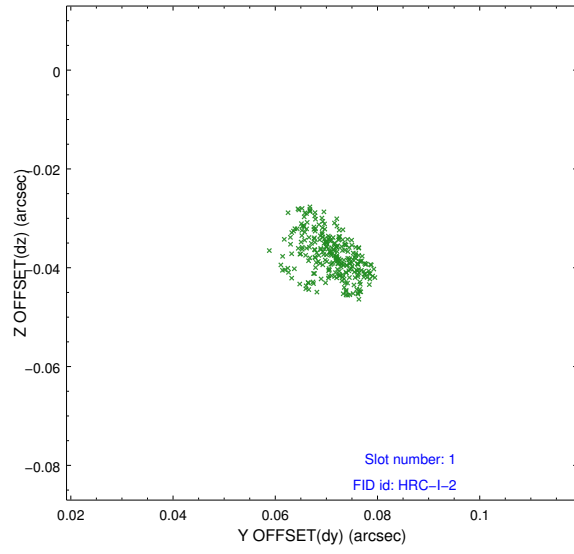


2.5 FID Slots

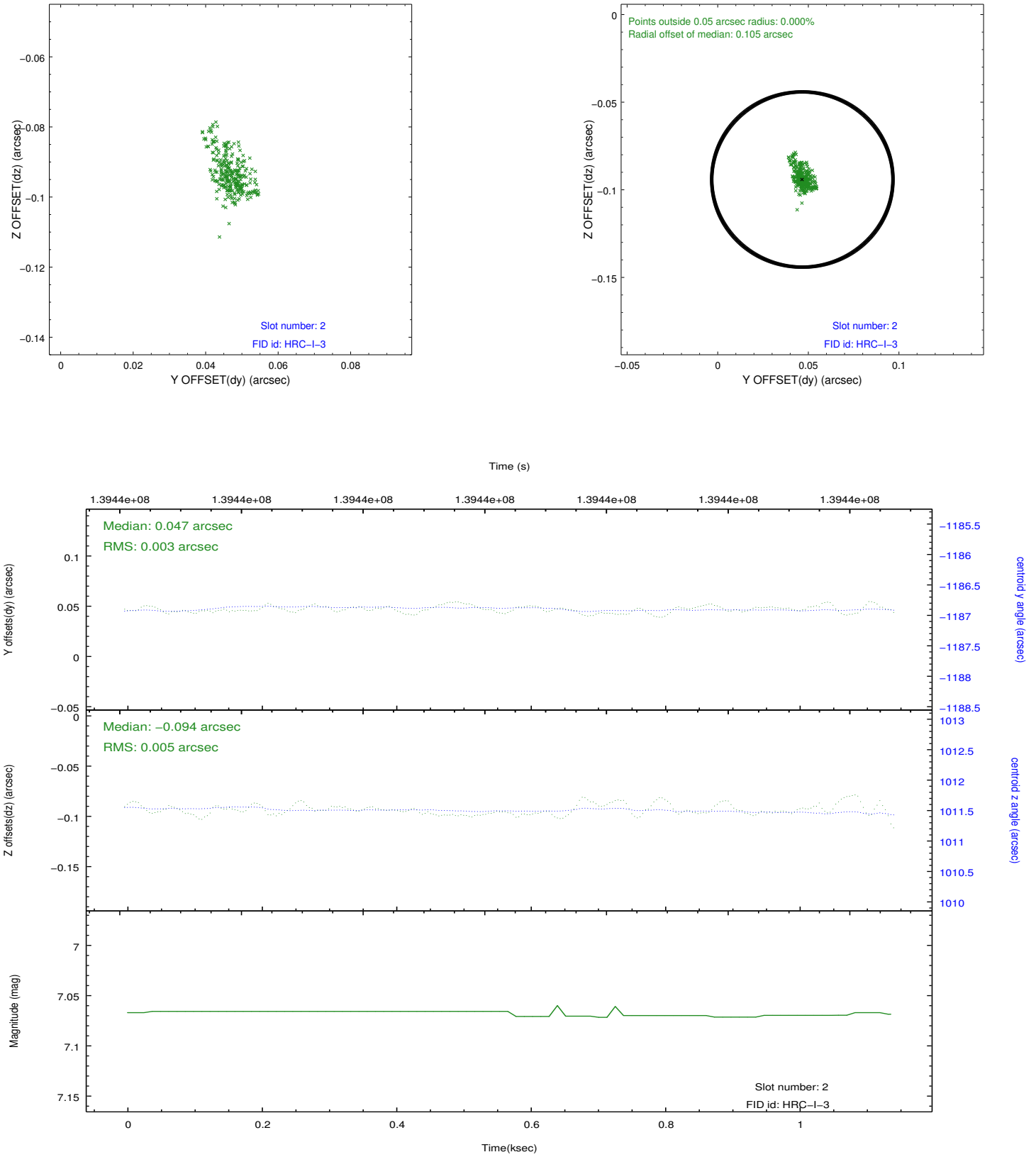
2.5.1 Slot 0



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)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.984

A.2 Comments

Window constraint not met.