

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2913 - L2 Version 4
Chandra X-Ray Center

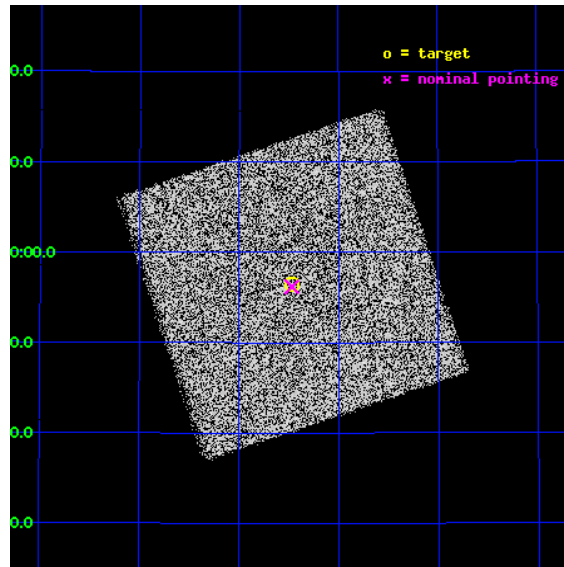
L2 Processing Date : Sep 30 2012

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1 Front

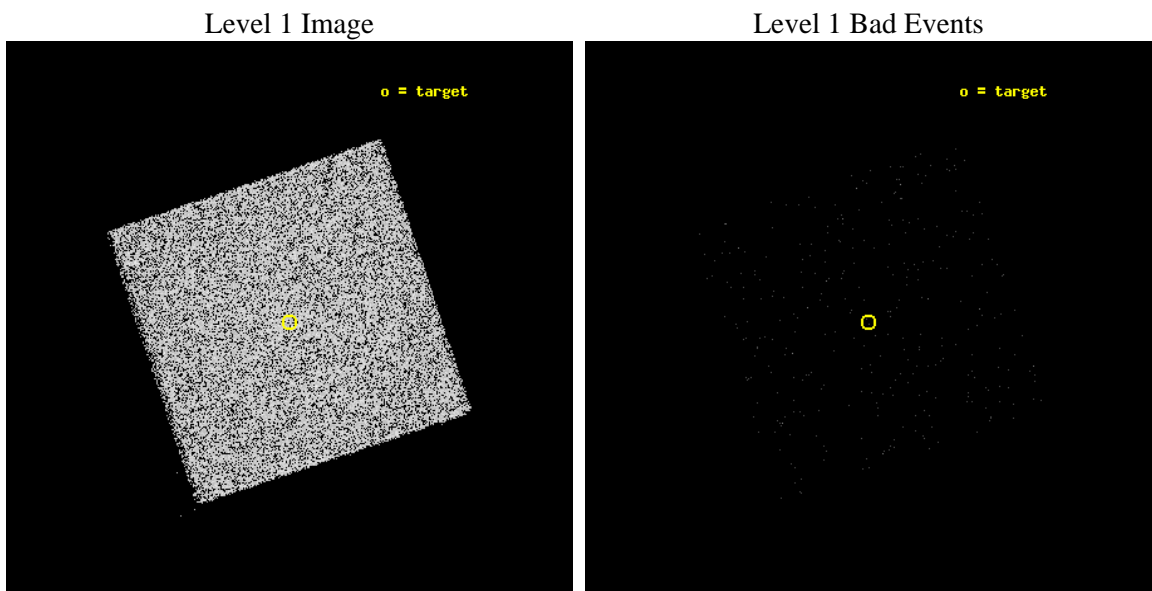
seq_num	600250	Sequence number
obs_id	2913	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-N2	Source name
ra_targ	11.118333	Observer's specified target RA [deg]
dec_targ	41.941139	Observer's specified target Dec [deg]
ra_nom	11.117222807378	Nominal RA [deg]
dec_nom	41.936475589617	Nominal Dec [deg]
roll_nom	296.45871378664	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1100.8500442803	[s]
livetime	1093.4848631275	Ontime multiplied by DTCOR
l2events	47706	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	1100.8500442803	[s]
caldbver	4.5.2	 	l1events	84718	Number of level 1 events
date	2012-09-30T04:10:23	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

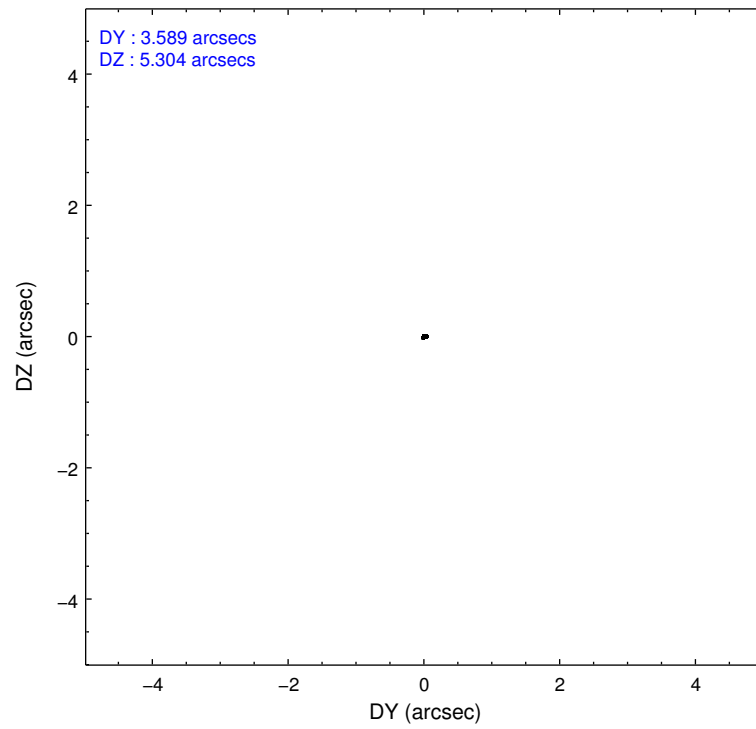
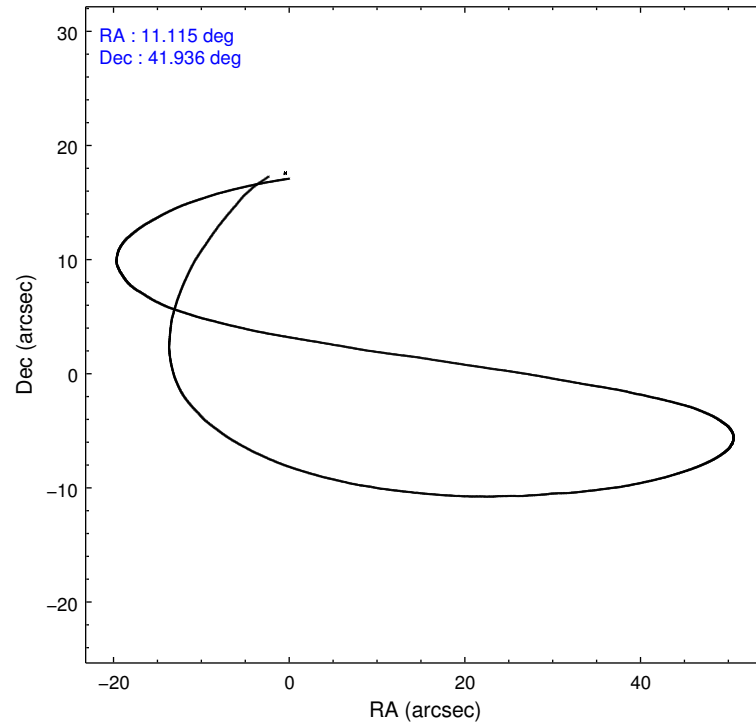
Level 1 Events

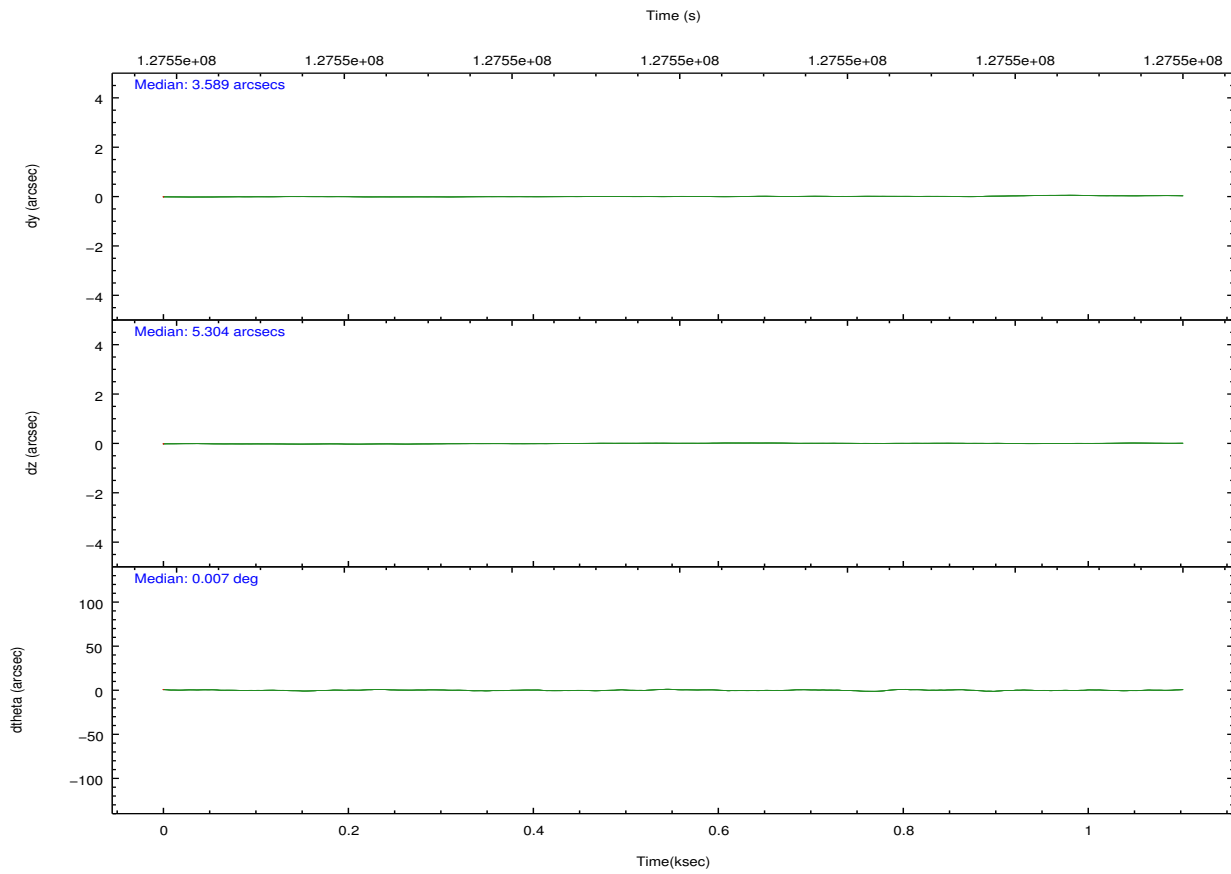
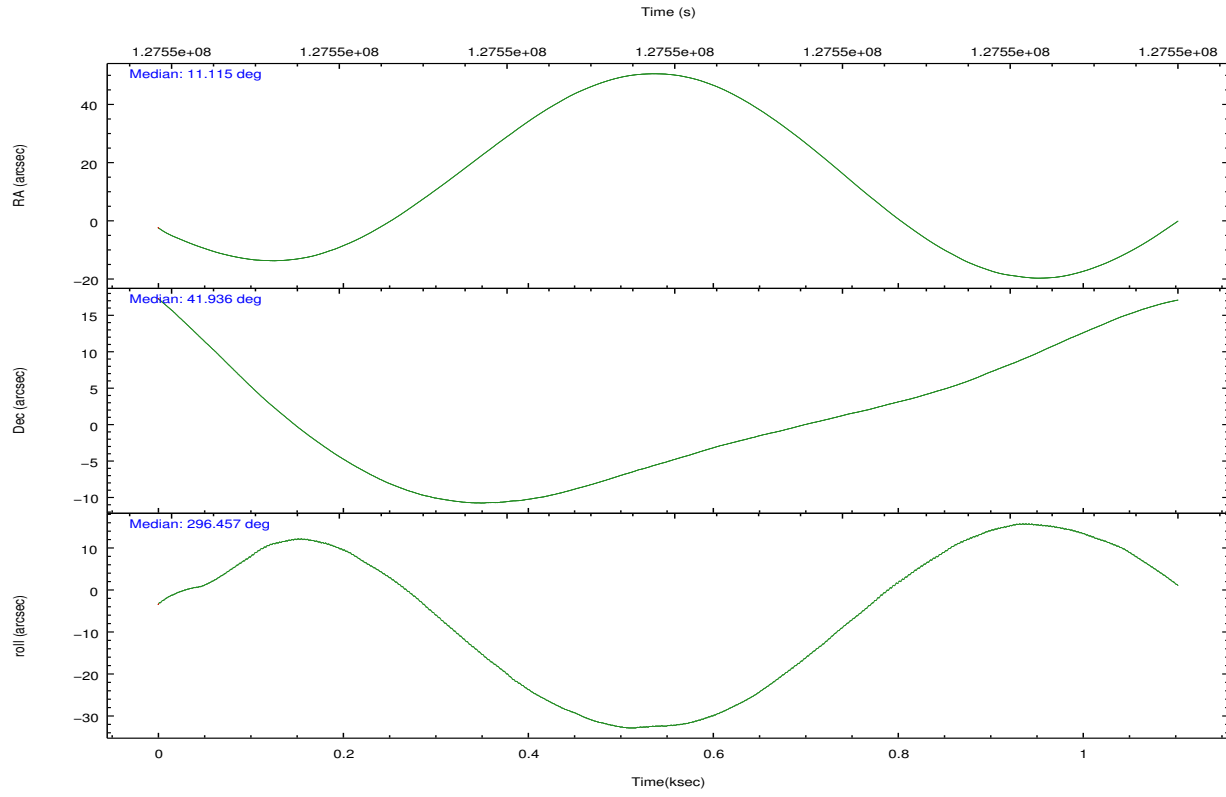
	segment 0
level 1 events	84718
rejected events	16026
rejected %	18%

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	11.087869	11.11722280737799			
[deg] Pointing Dec	41.951419	41.93647558961735			
[deg] Pointing Roll	296.573842	296.4587137866369			
[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)	127546842.184000	127546466.37725			
Observation start date	2002-01-16T05:39:38	2002-01-16T05:34:26			
[s] Observation end time (MET)	127547742.184000	127548817.72734			
Observation end date	2002-01-16T05:54:38	2002-01-16T06:13:37			

2.3 Aspect



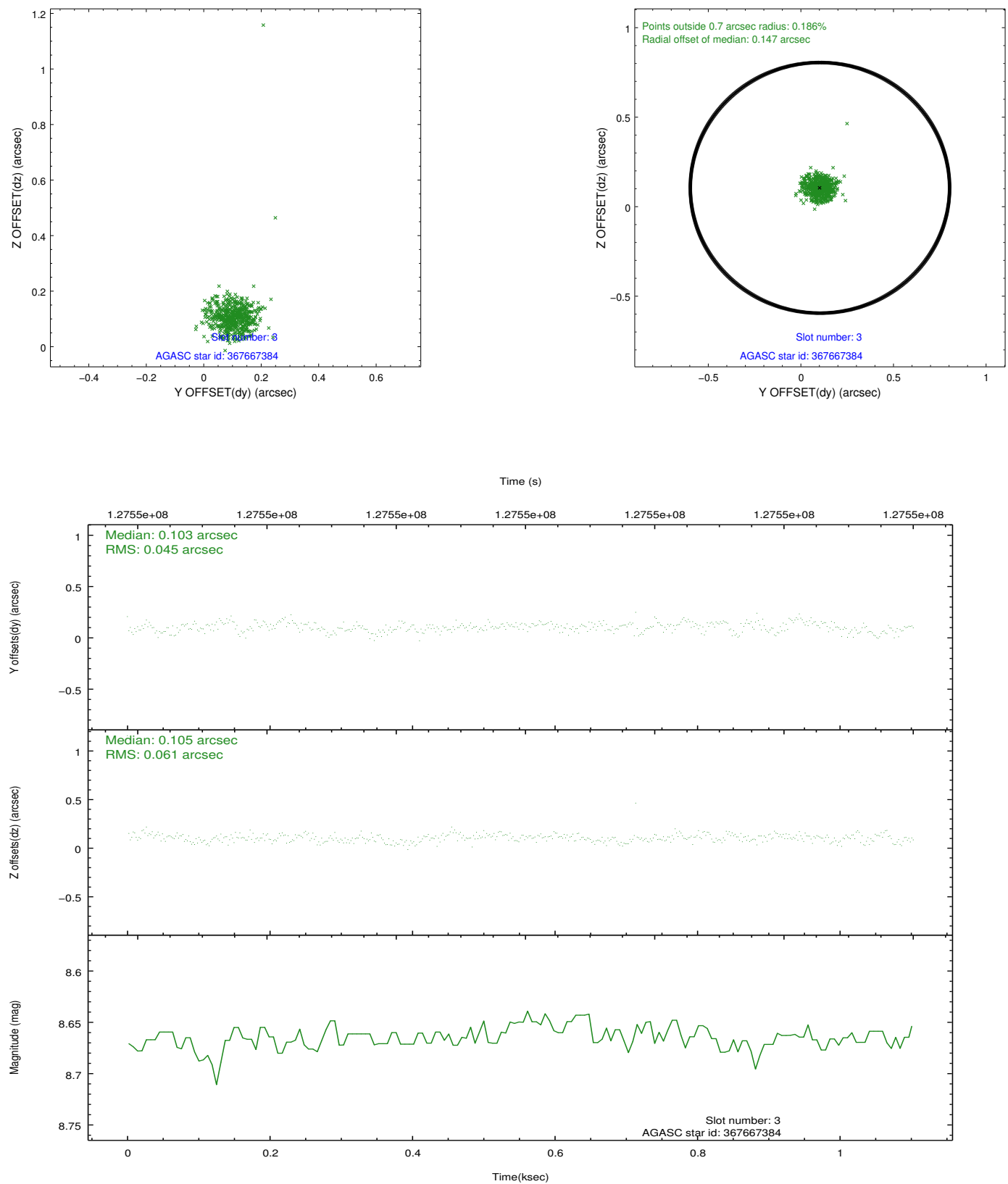


Slot Statistics

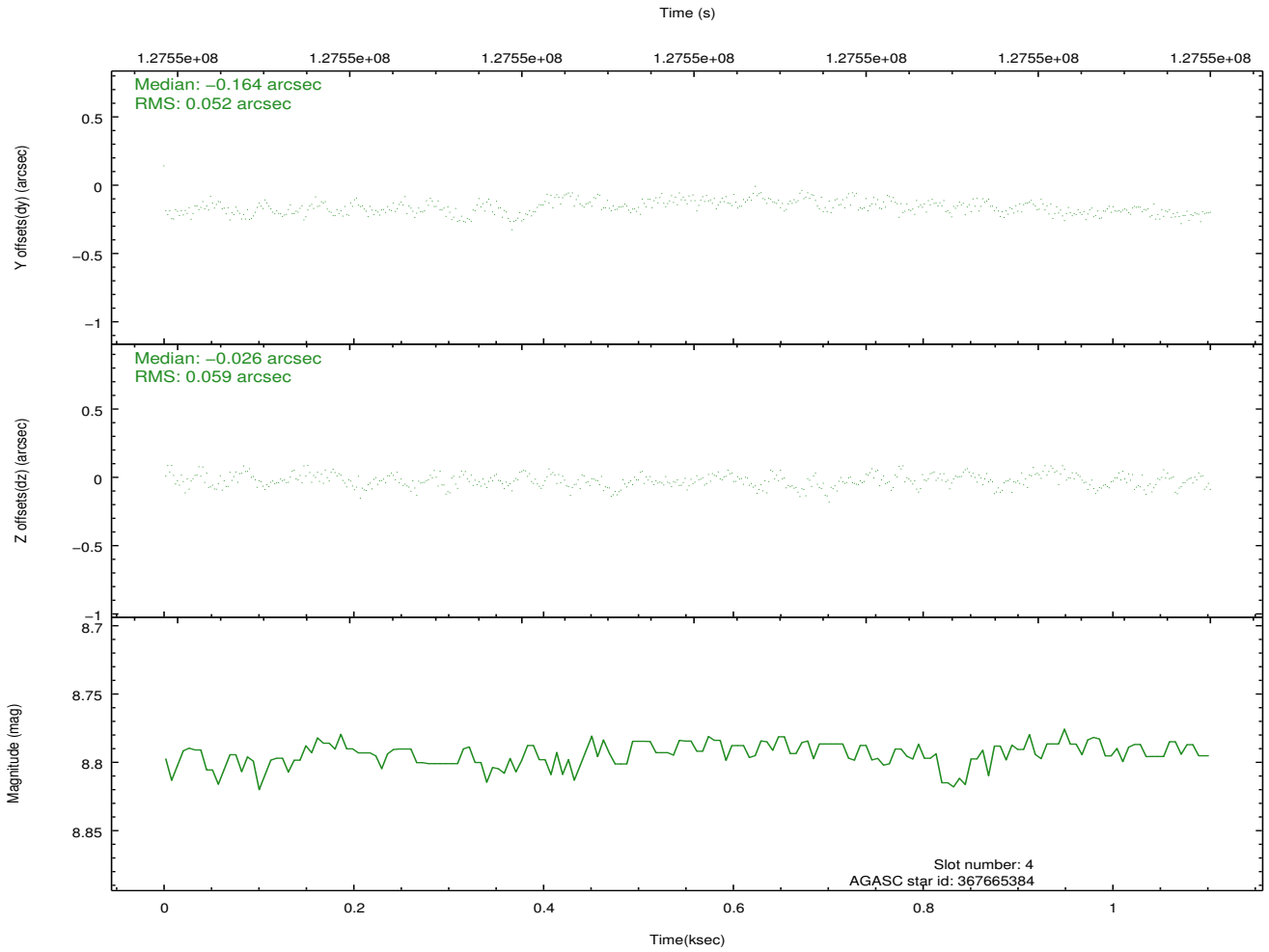
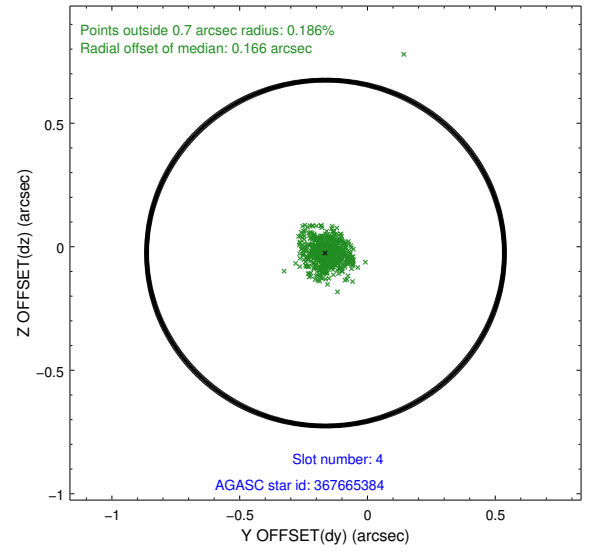
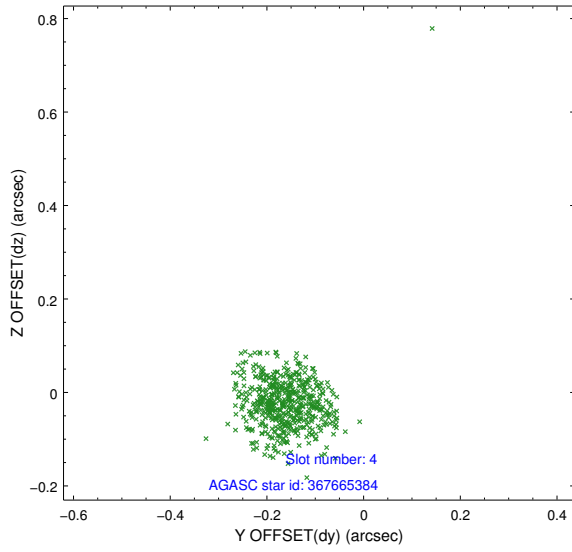
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	270	0.005	0.049	0.006	0.011	0.000000	0.000000	-759.05	-1293.06
1	FID	HRC-I-2	7.00	270	0.077	-0.051	0.006	0.009	0.000000	0.000000	850.84	-1299.49
2	FID	HRC-I-3	7.04	270	0.037	-0.088	0.006	0.010	0.000000	0.000000	-1184.41	1006.54
3	GUIDE	367667384	8.67	539	0.103	0.105	0.063	0.099	12.077552	41.596878	2319.53	1822.43
4	GUIDE	367665384	8.79	539	-0.164	-0.026	0.075	0.115	10.414363	42.275730	-1849.10	-1072.50
5	GUIDE	367657896	9.04	539	0.126	-0.001	0.083	0.136	11.197765	41.313576	2182.94	-759.96
6	GUIDE	367665472	9.49	536	-0.038	-0.135	0.121	0.192	10.241611	41.730843	-313.09	-2381.86
7	GUIDE	367660528	9.55	538	-0.027	0.068	0.100	0.161	11.676845	42.311657	-464.29	1983.92

2.4 Star Slots

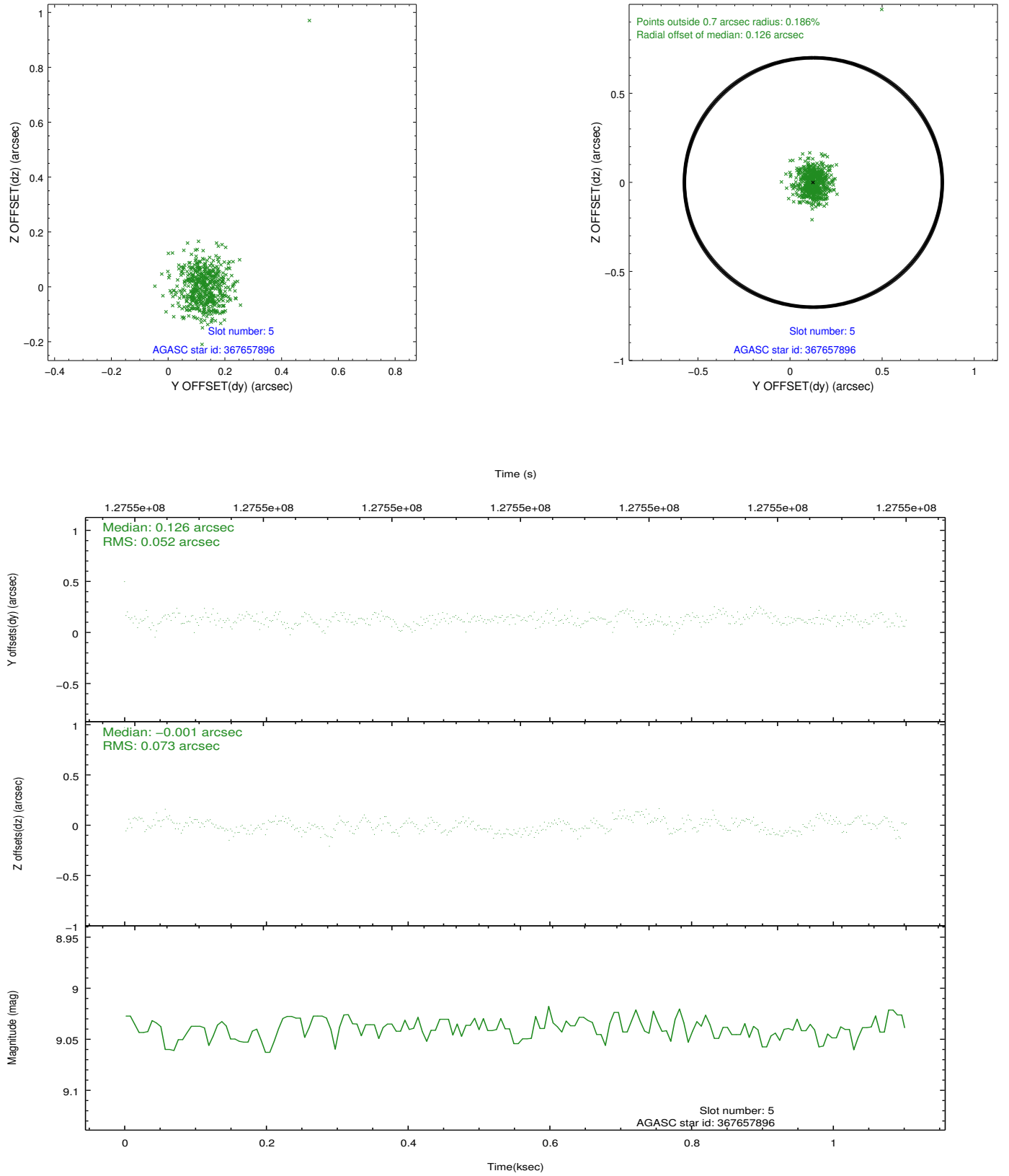
2.4.1 Slot 3



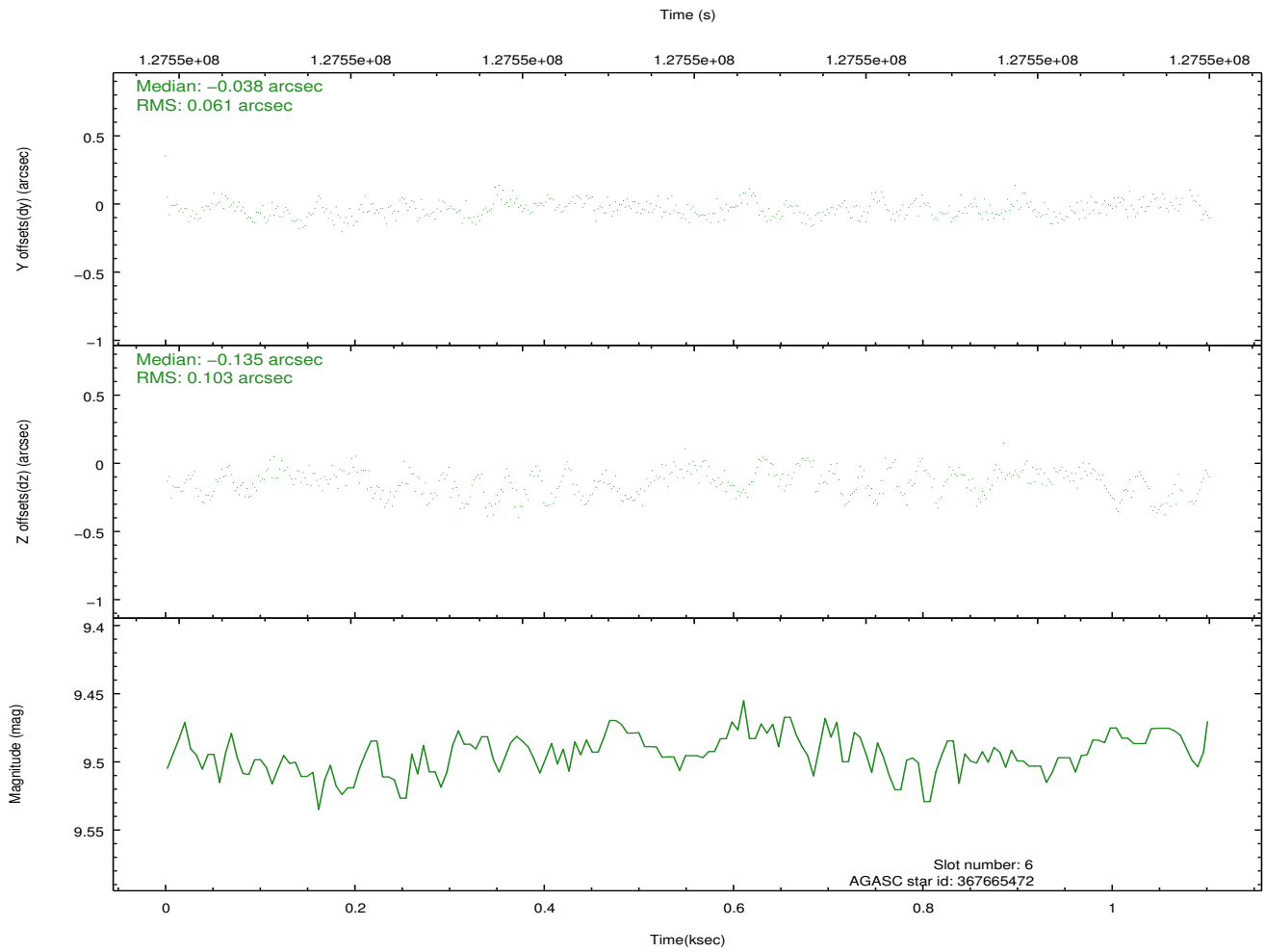
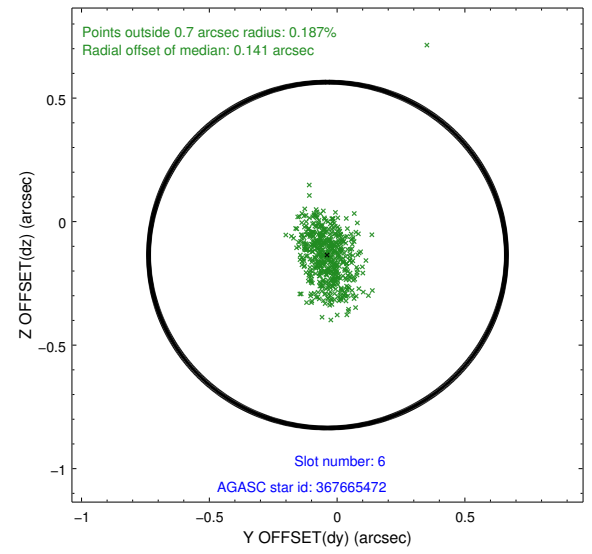
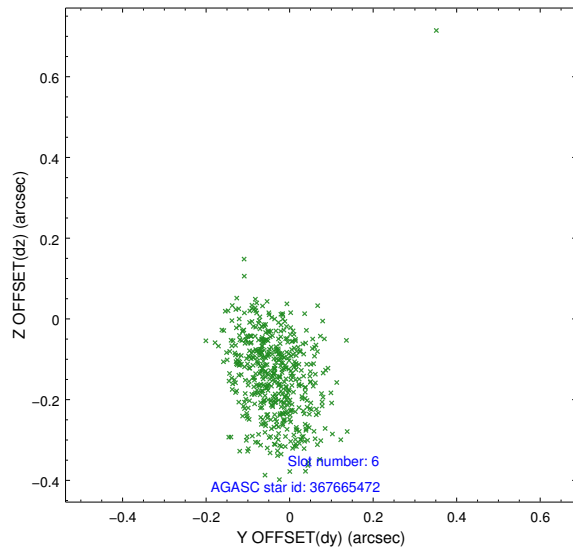
2.4.2 Slot 4



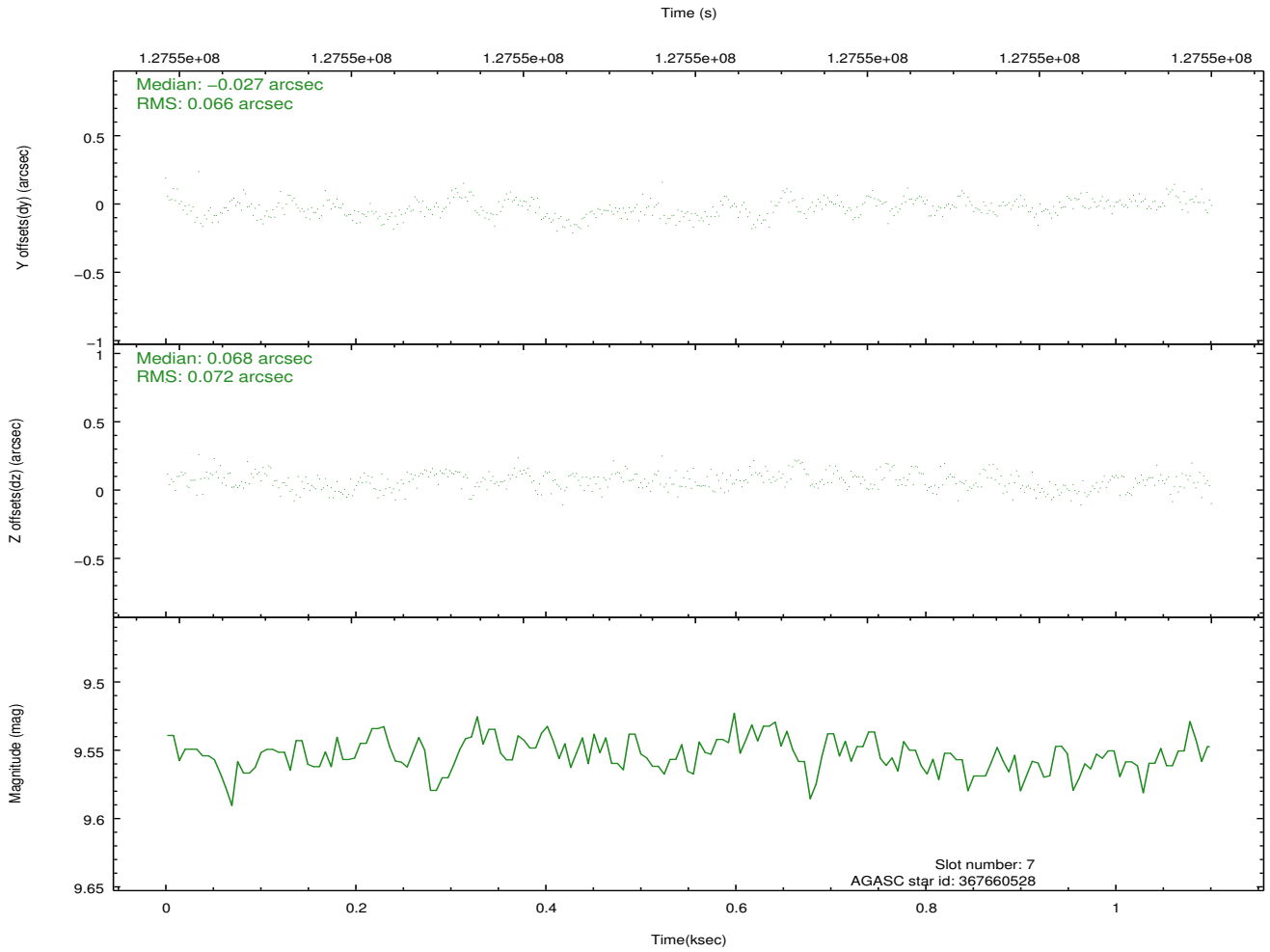
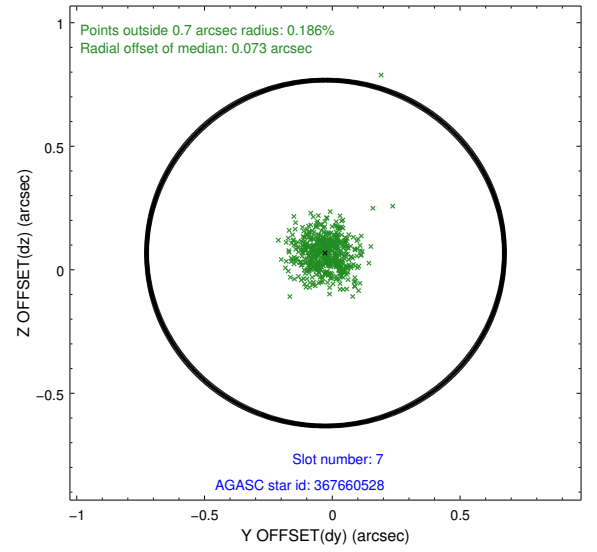
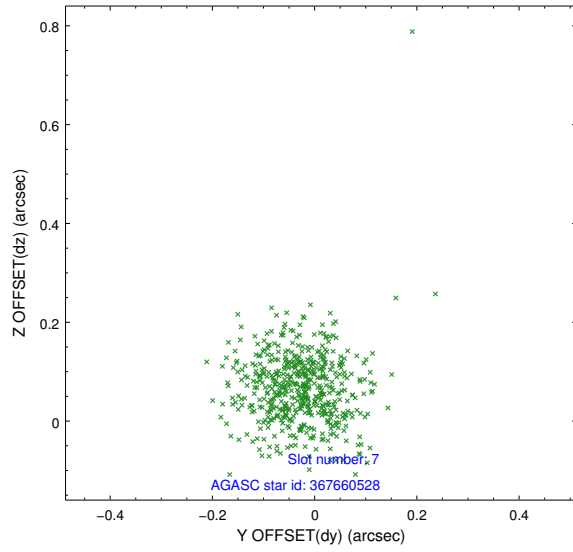
2.4.3 Slot 5



2.4.4 Slot 6

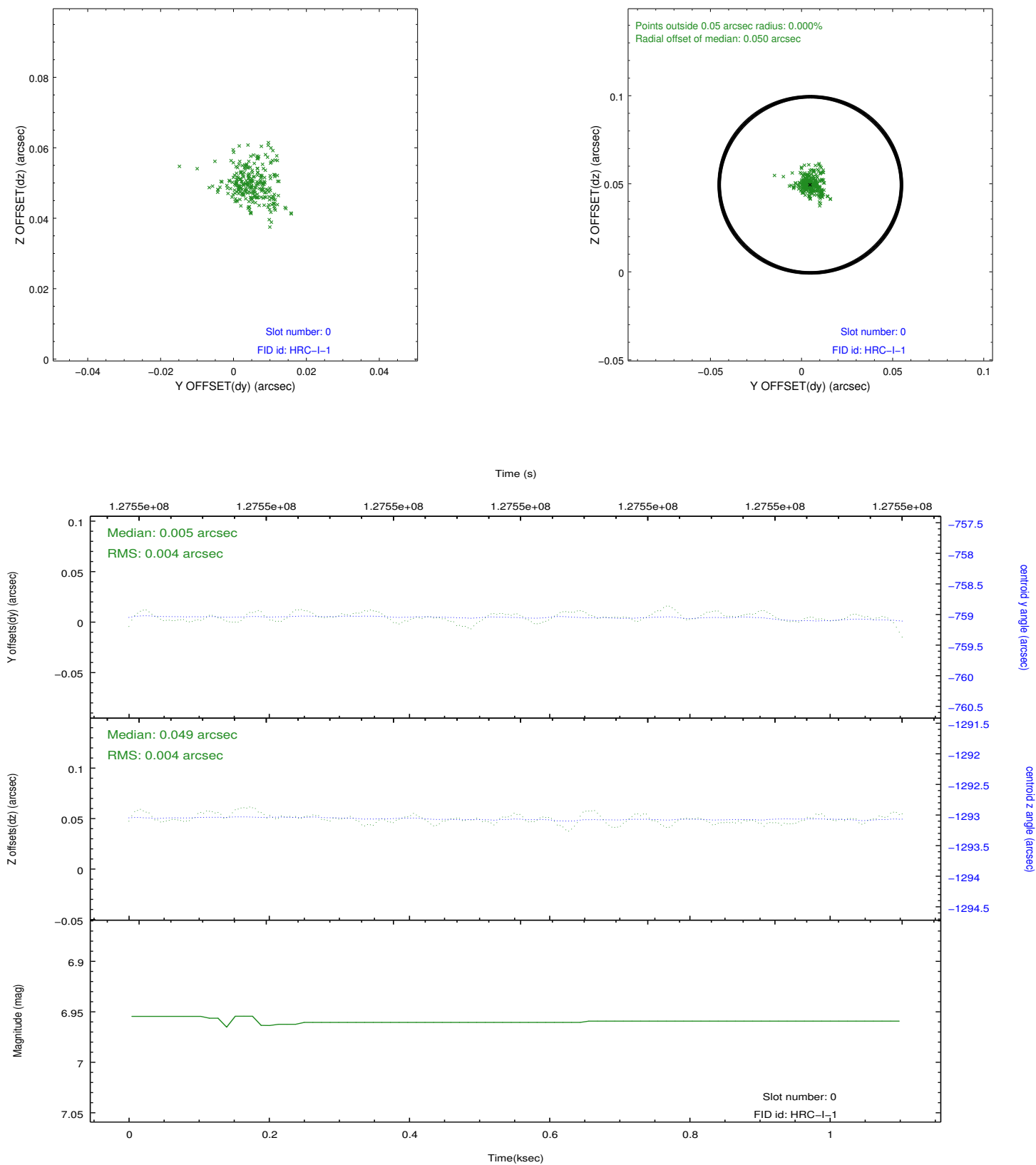


2.4.5 Slot 7

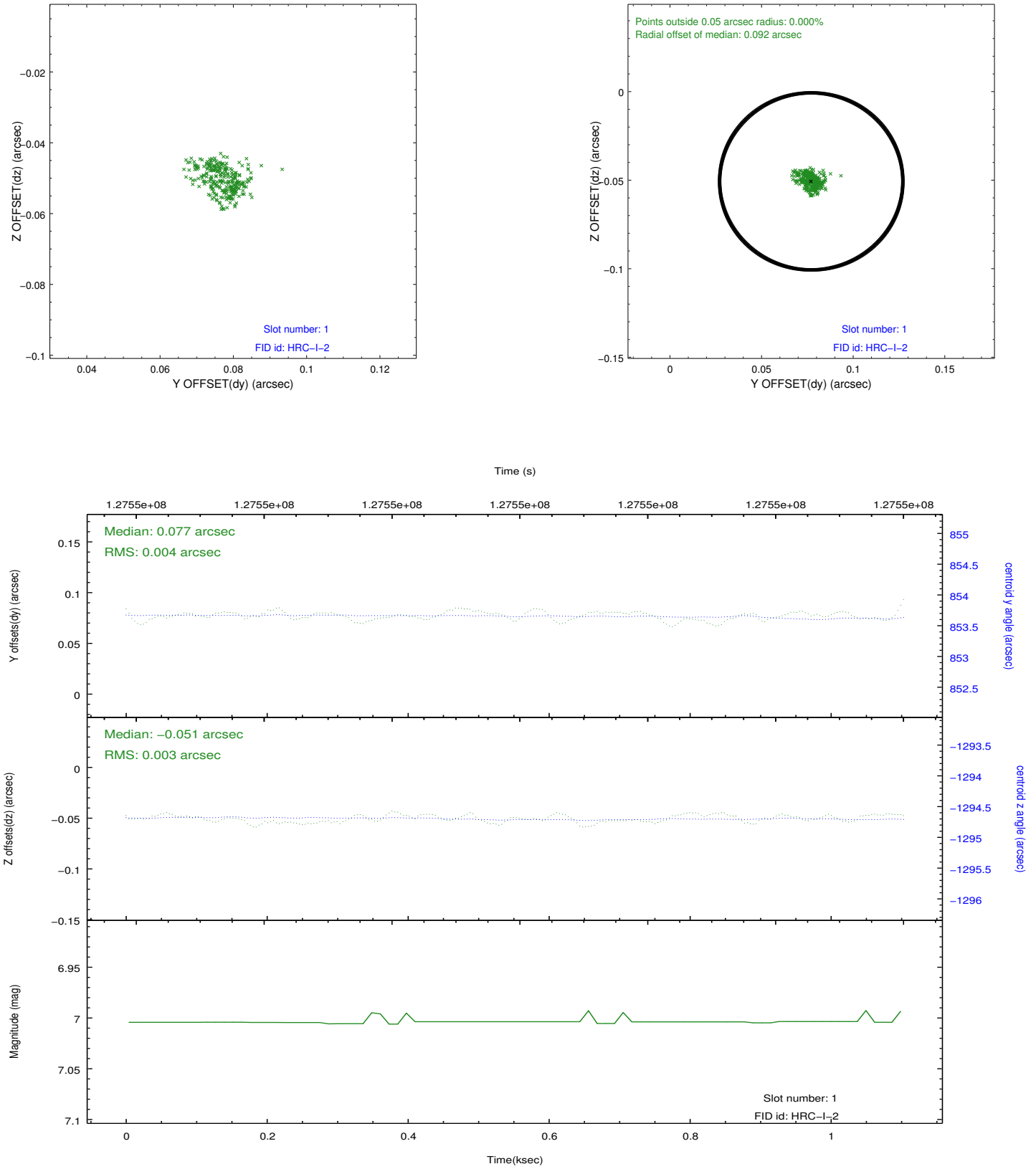


2.5 FID Slots

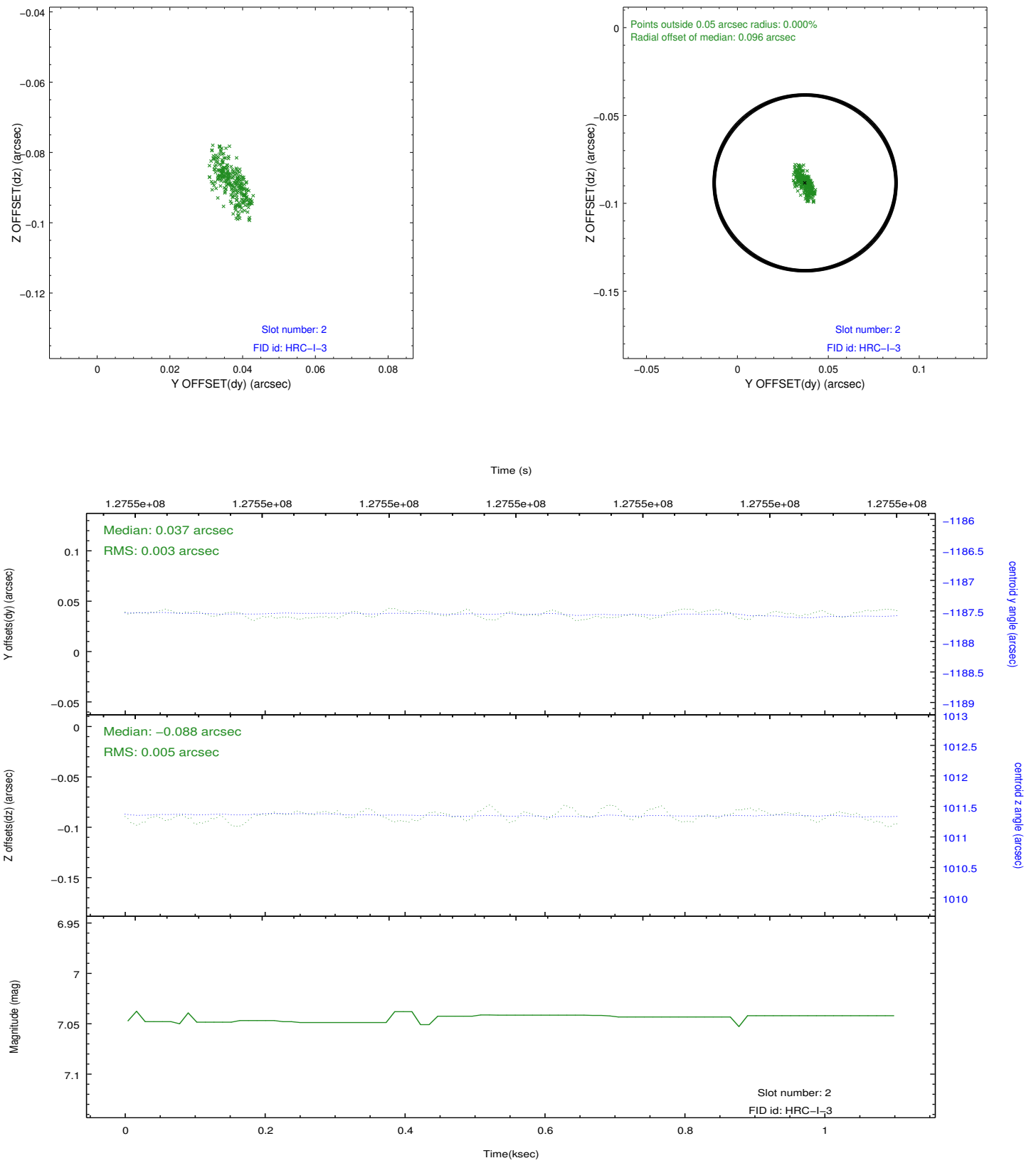
2.5.1 Slot 0



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	1.1

A.2 Comments

Window constraint satisfied.