

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2912 - L2 Version 4
Chandra X-Ray Center

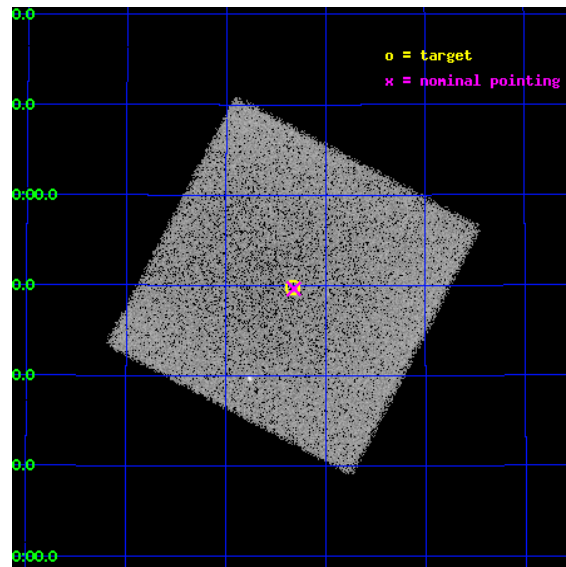
L2 Processing Date : Sep 28 2012

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1 Front

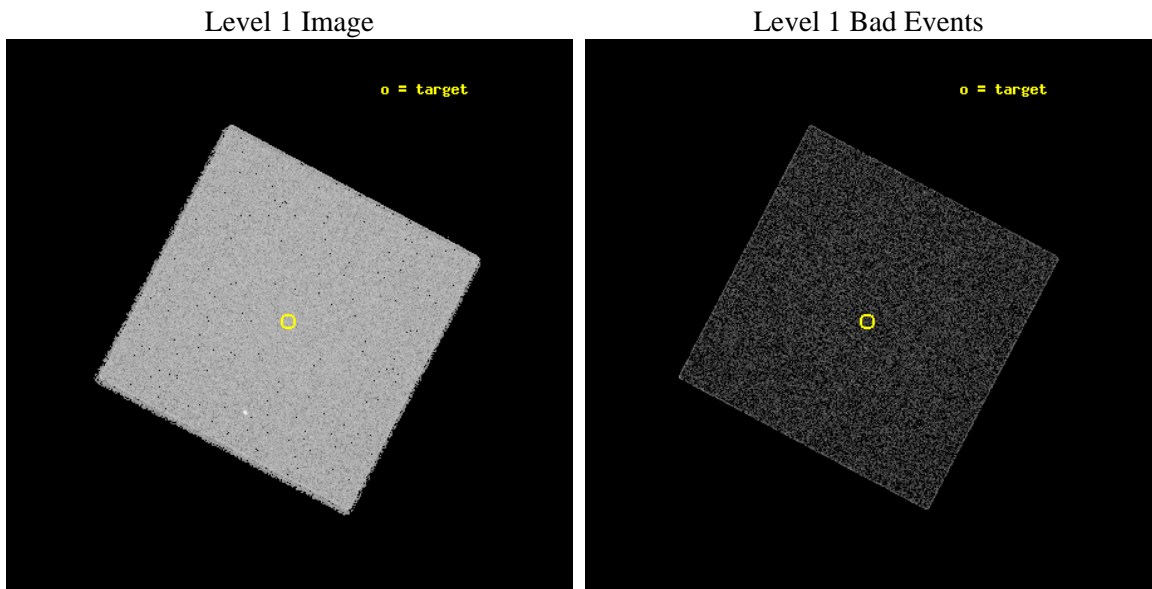
seq_num	600249	Sequence number
obs_id	2912	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-N2	Source name
ra_targ	11.332917	Observer's specified target RA [deg]
dec_targ	41.83	Observer's specified target Dec [deg]
ra_nom	11.329549590904	Nominal RA [deg]
dec_nom	41.827128516033	Nominal Dec [deg]
roll_nom	252.79084032206	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.1812974215	[s]
livetime	1170.619050203	Ontime multiplied by DTCOR
l2events	110563	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	1186.1812974215	[s]
caldbver	4.5.2	 	l1events	339741	Number of level 1 events
date	2012-09-28T03:48:30	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

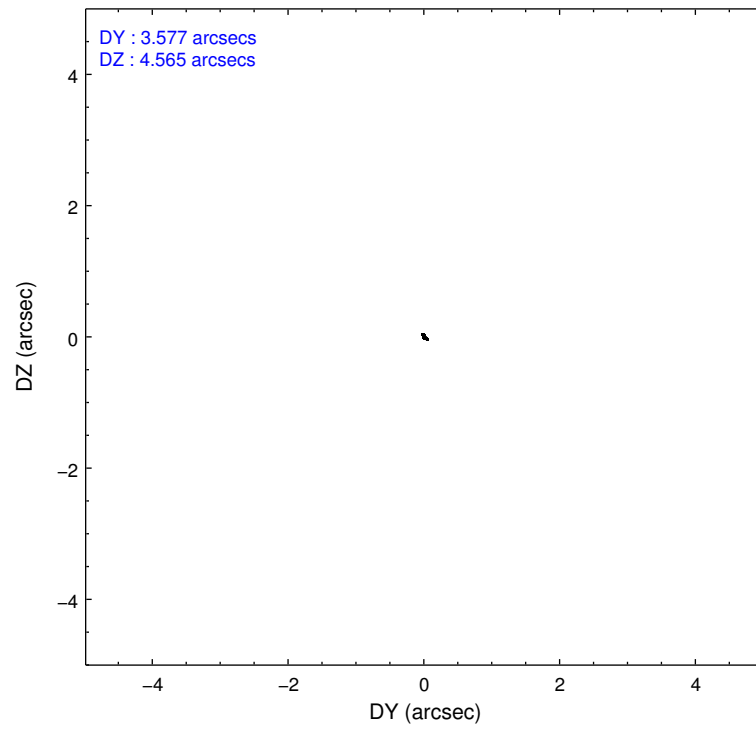
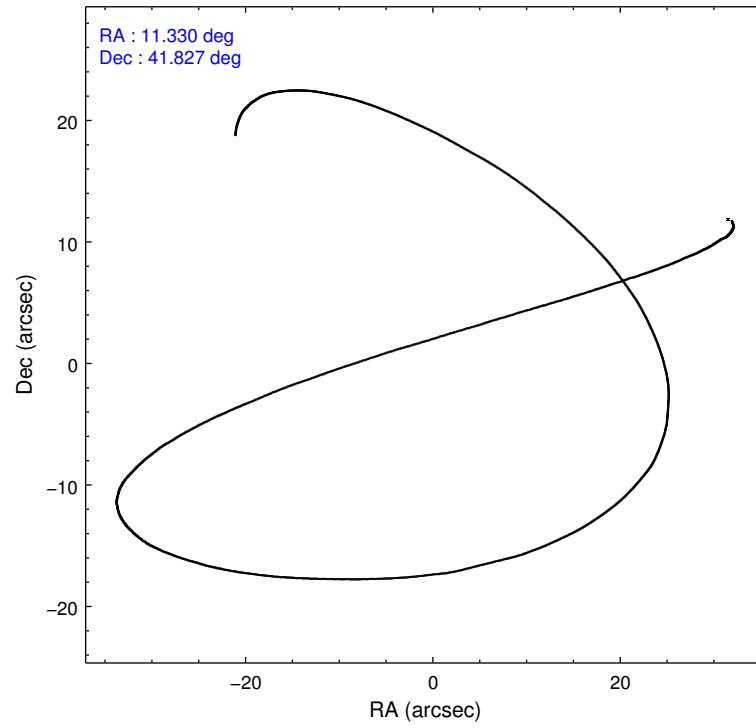
Level 1 Events

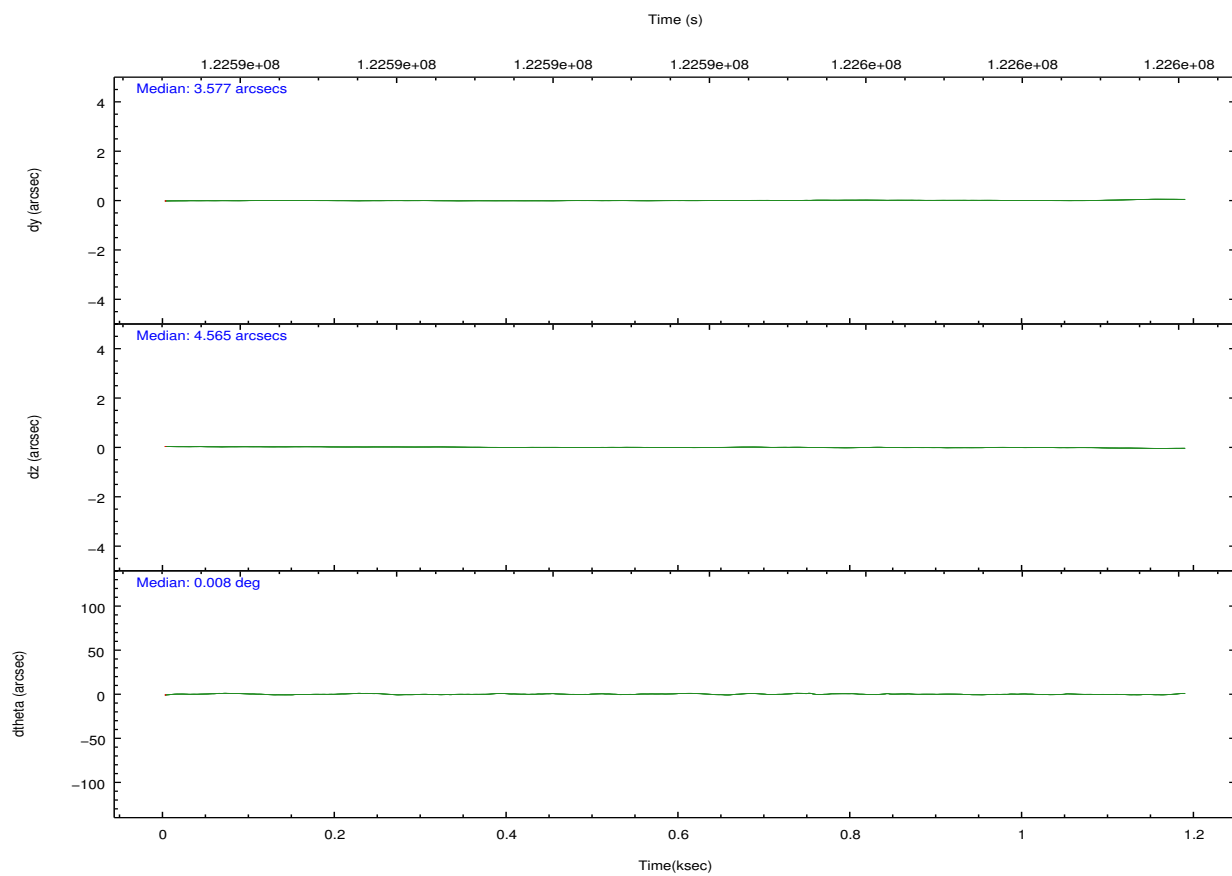
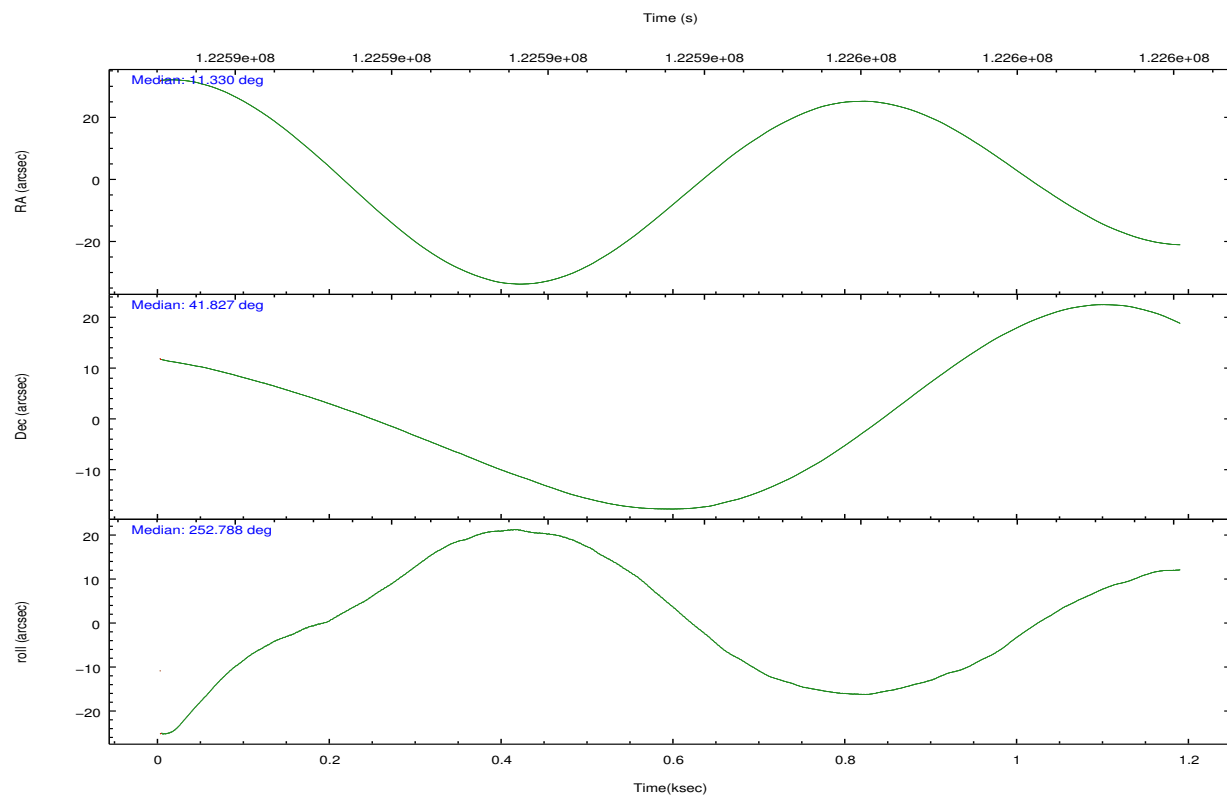
	segment 0
level 1 events	339741
rejected events	159305
rejected %	46%

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	11.320454	11.32954959090375			
[deg] Pointing Dec	41.853084	41.82712851603327			
[deg] Pointing Roll	252.892424	252.7908403220565			
[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)	122594351.184000	122593975.21621			
Observation start date	2001-11-19T21:58:07	2001-11-19T21:52:55			
[s] Observation end time (MET)	122595351.184000	122596160.00379			
Observation end date	2001-11-19T22:14:47	2001-11-19T22:29:20			

2.3 Aspect



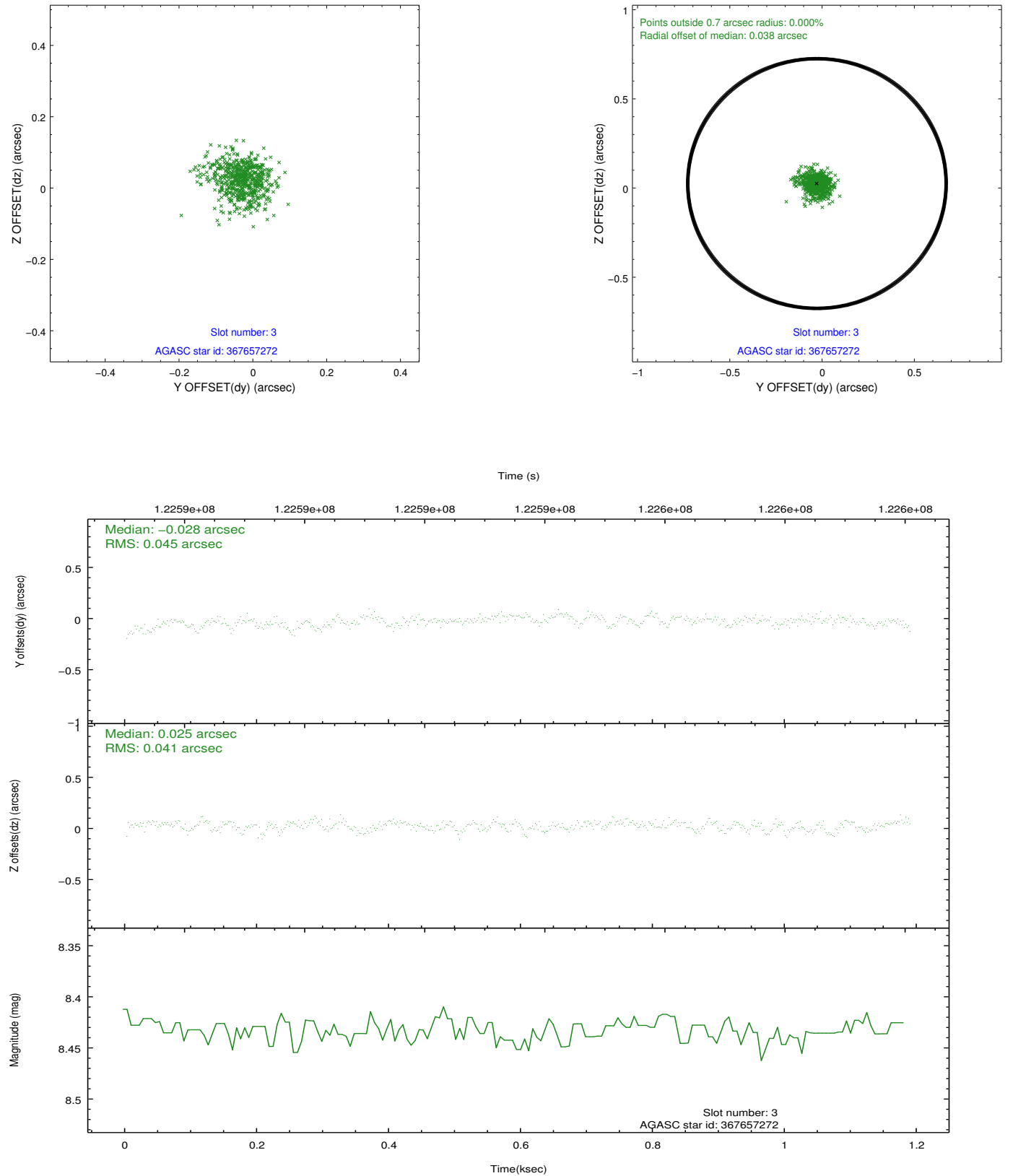


Slot Statistics

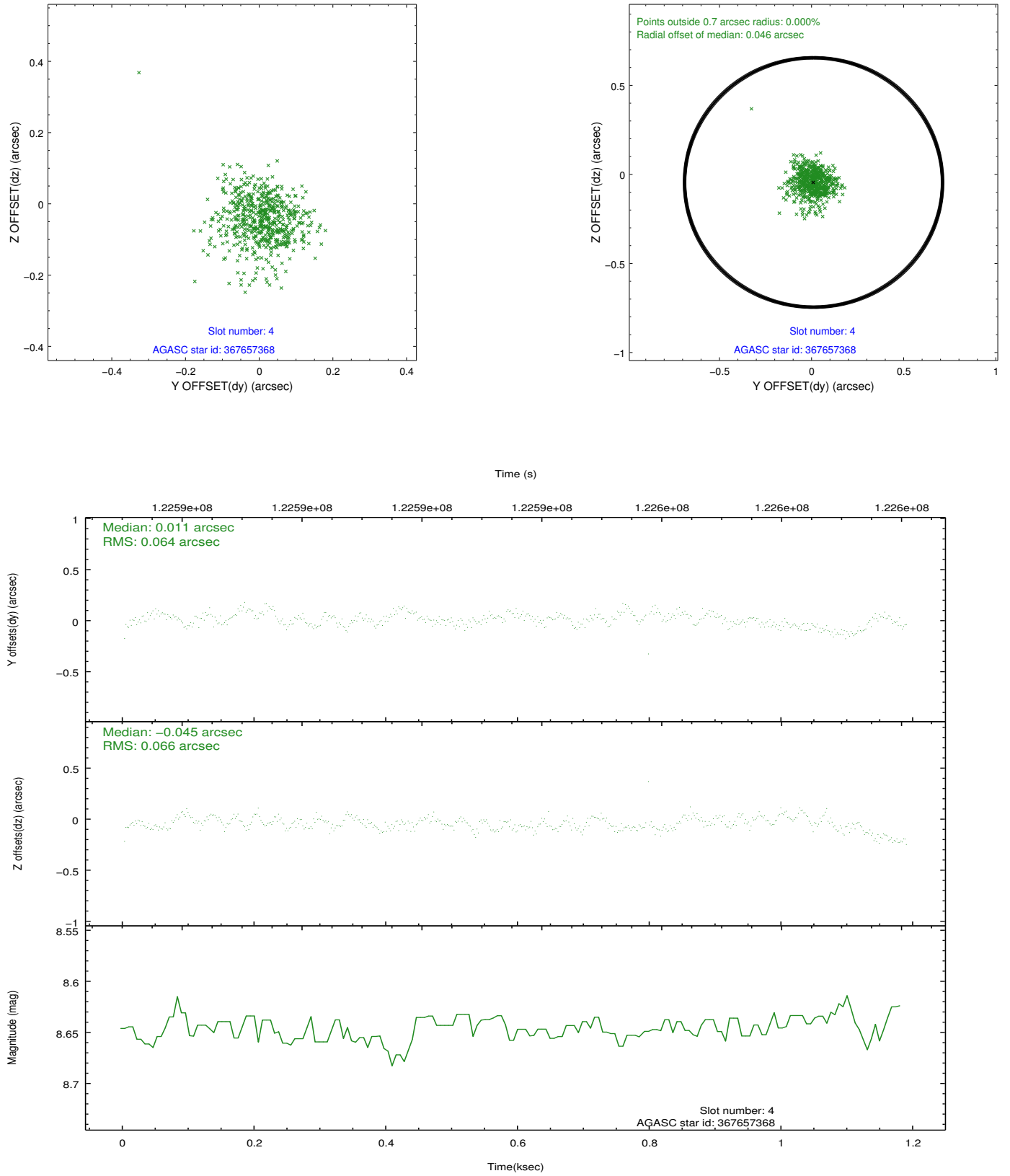
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	290	0.018	0.080	0.007	0.010	0.000000	0.000000	-759.03	-1292.28
1	FID	HRC-I-2	7.00	290	0.079	-0.072	0.005	0.009	0.000000	0.000000	851.04	-1298.43
2	FID	HRC-I-3	7.05	290	0.023	-0.097	0.005	0.012	0.000000	0.000000	-1184.62	1007.63
3	GUIDE	367657272	8.43	579	-0.028	0.025	0.064	0.109	11.834471	41.298907	1496.07	1914.16
4	GUIDE	367657368	8.65	579	0.011	-0.045	0.093	0.161	11.928227	41.287266	1462.50	2171.88
5	GUIDE	367146616	8.87	580	0.087	0.068	0.075	0.118	11.418645	41.190163	2207.42	959.83
6	GUIDE	367666680	9.45	580	-0.036	0.038	0.102	0.168	10.696106	42.572173	-1986.91	-2344.17
7	GUIDE	367668808	9.69	579	-0.033	-0.064	0.096	0.170	10.811090	42.652250	-2357.94	-2141.25

2.4 Star Slots

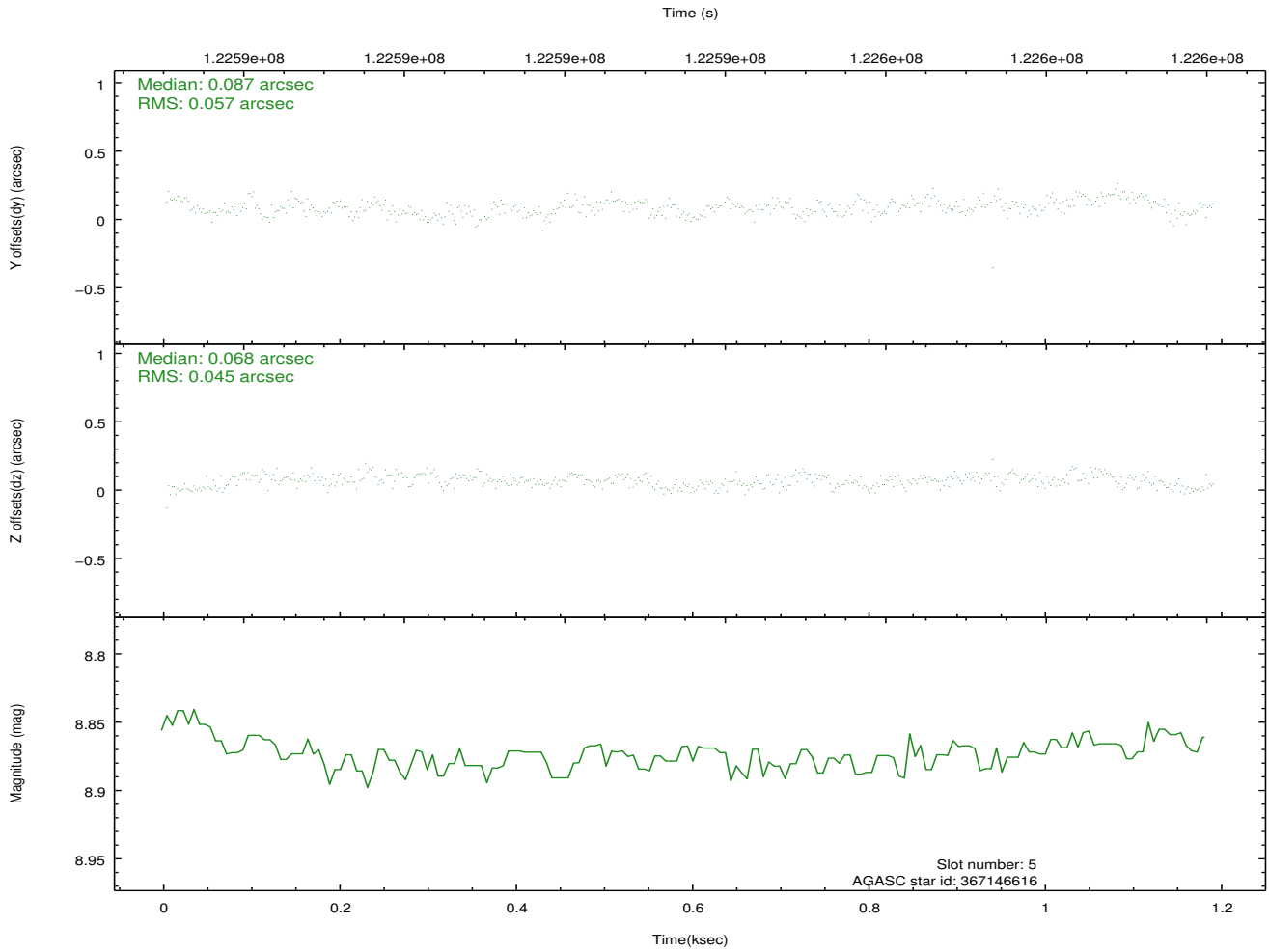
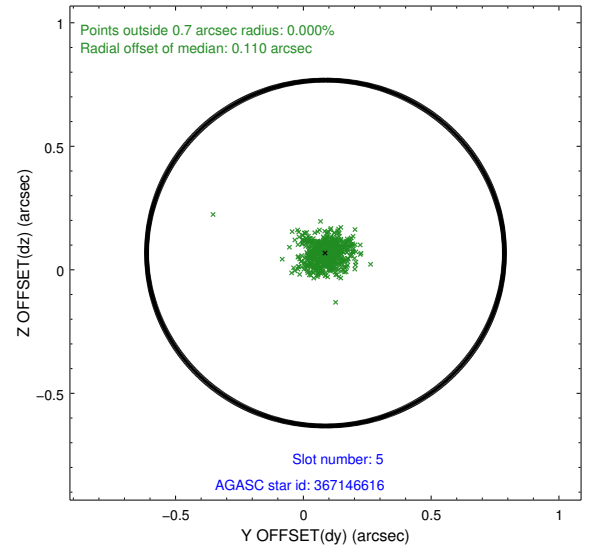
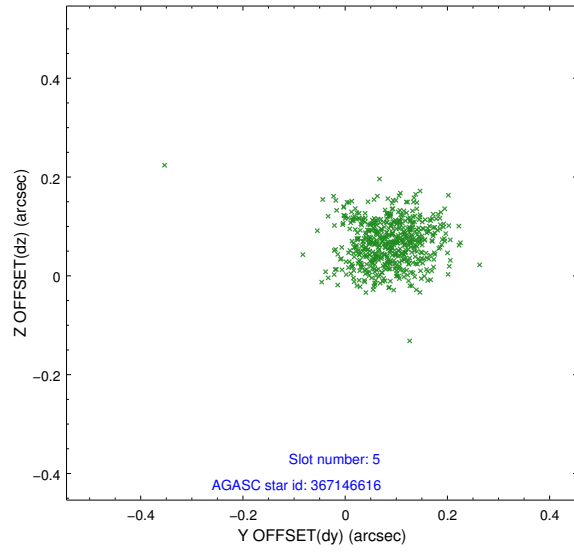
2.4.1 Slot 3



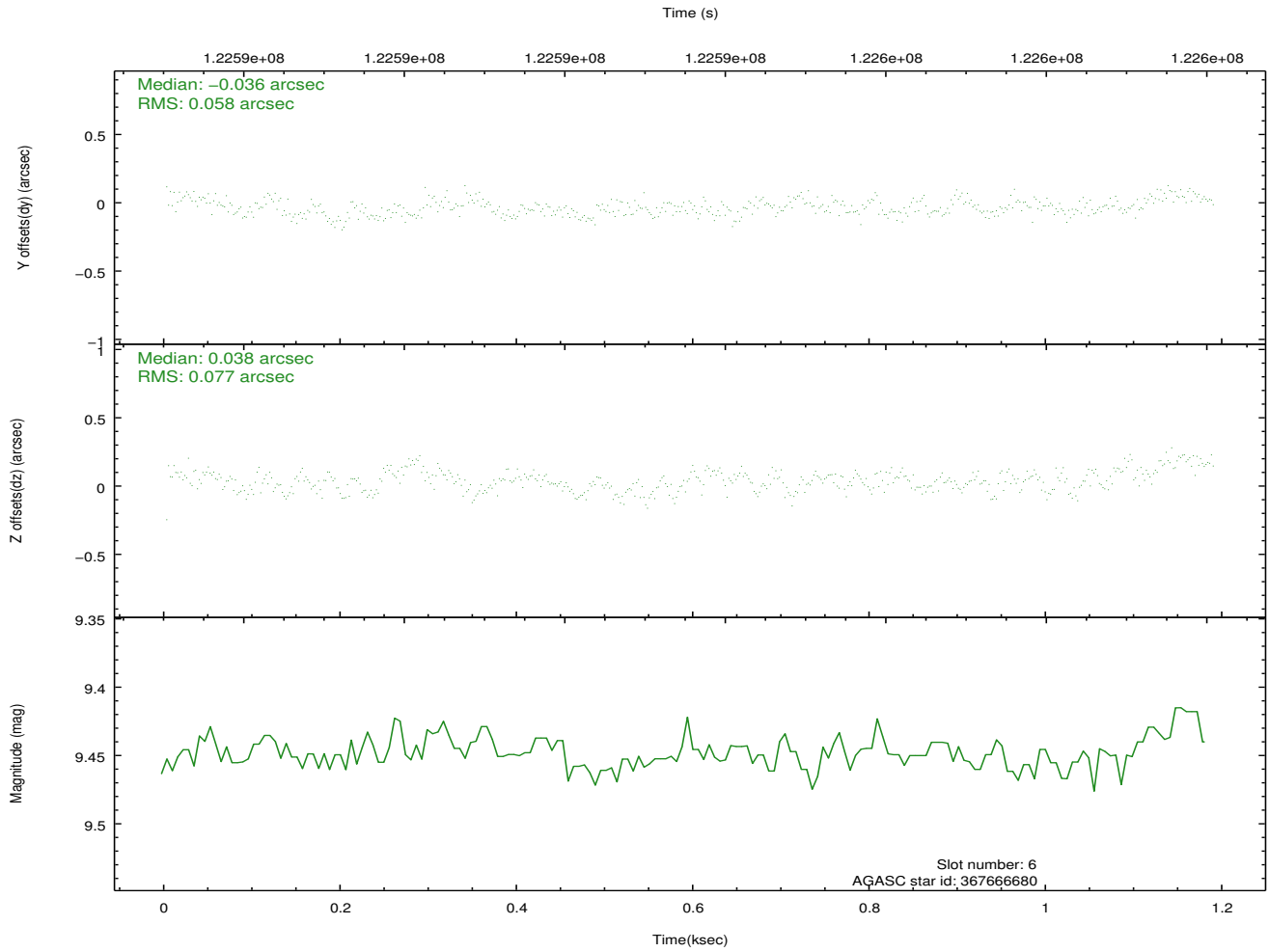
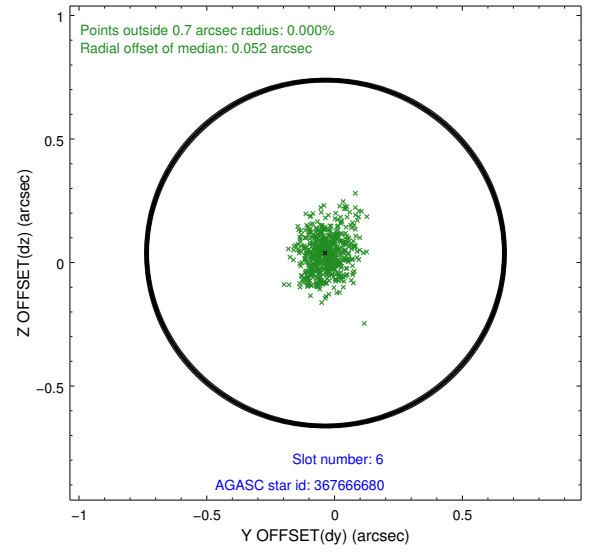
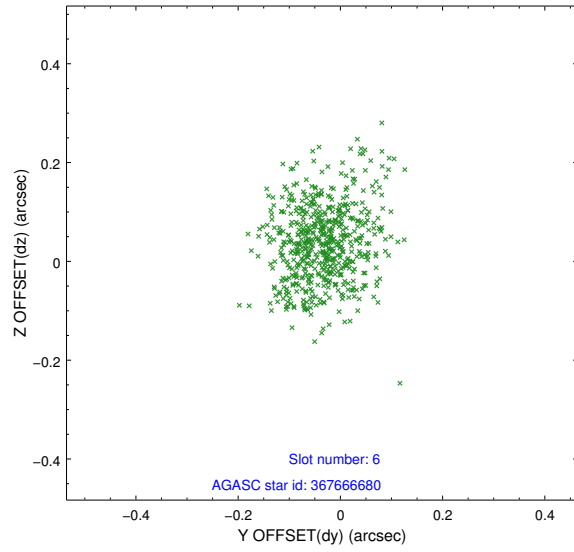
2.4.2 Slot 4



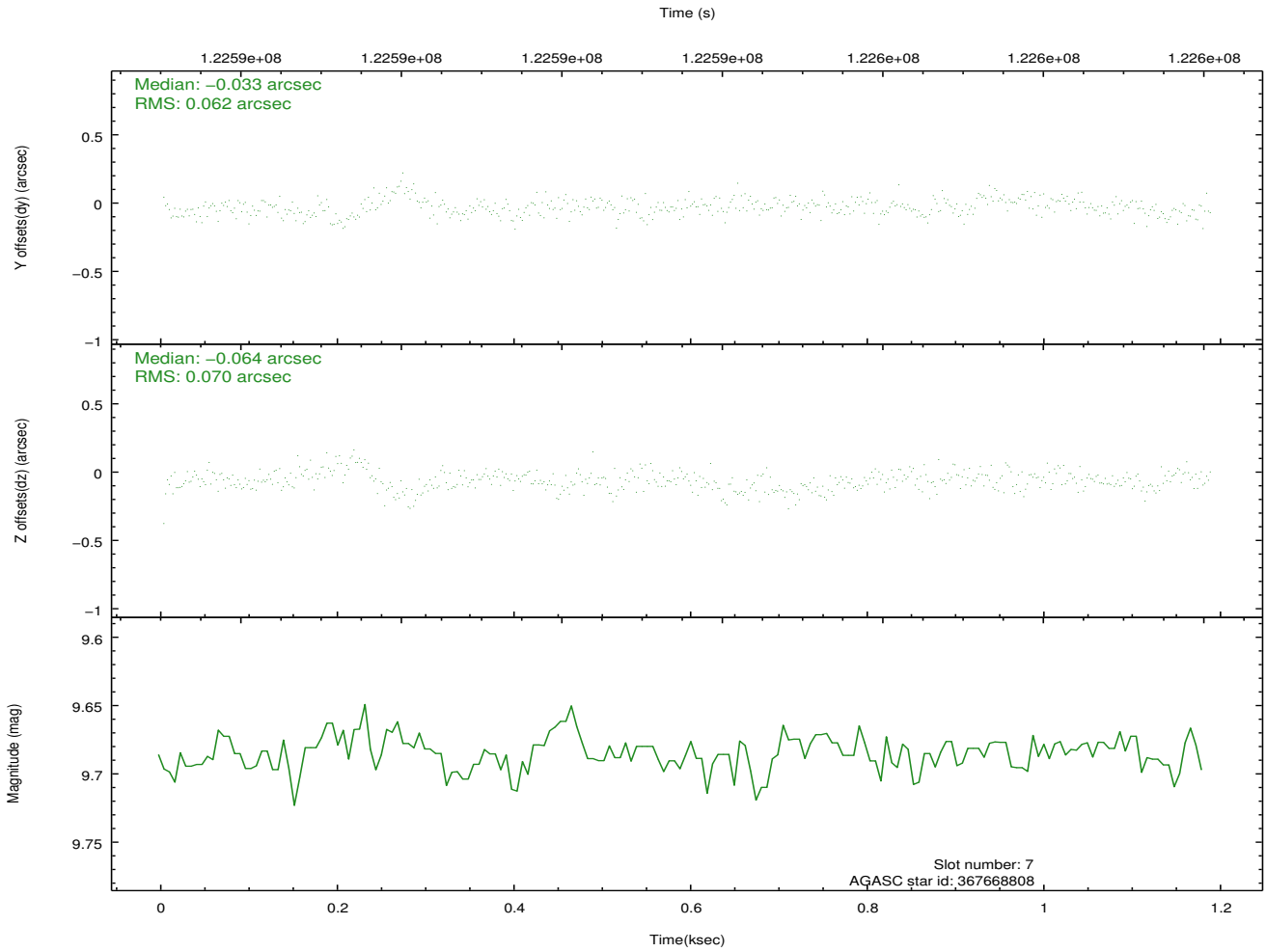
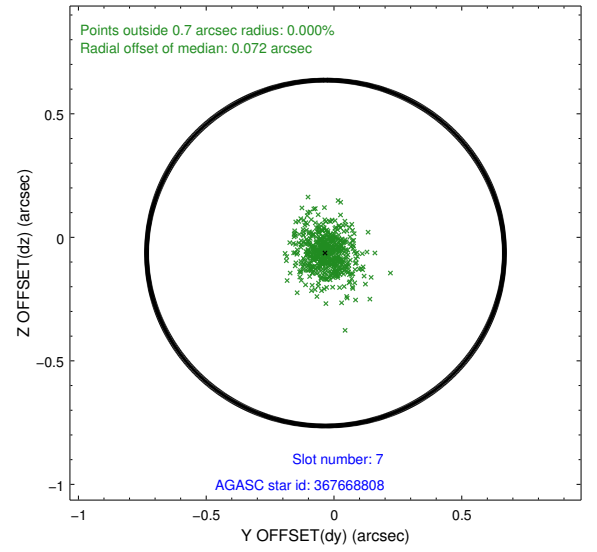
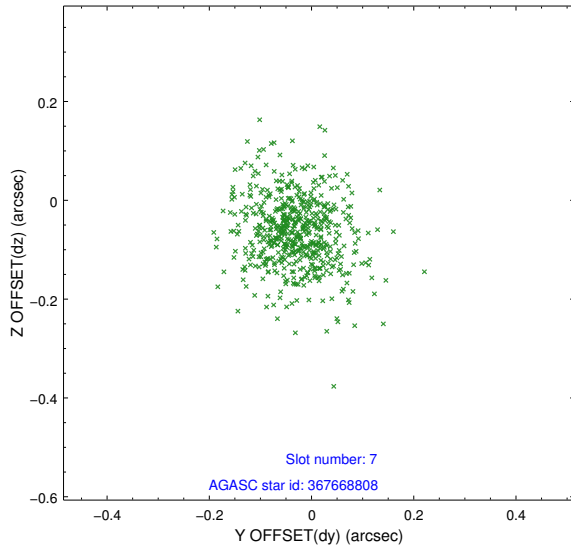
2.4.3 Slot 5



2.4.4 Slot 6

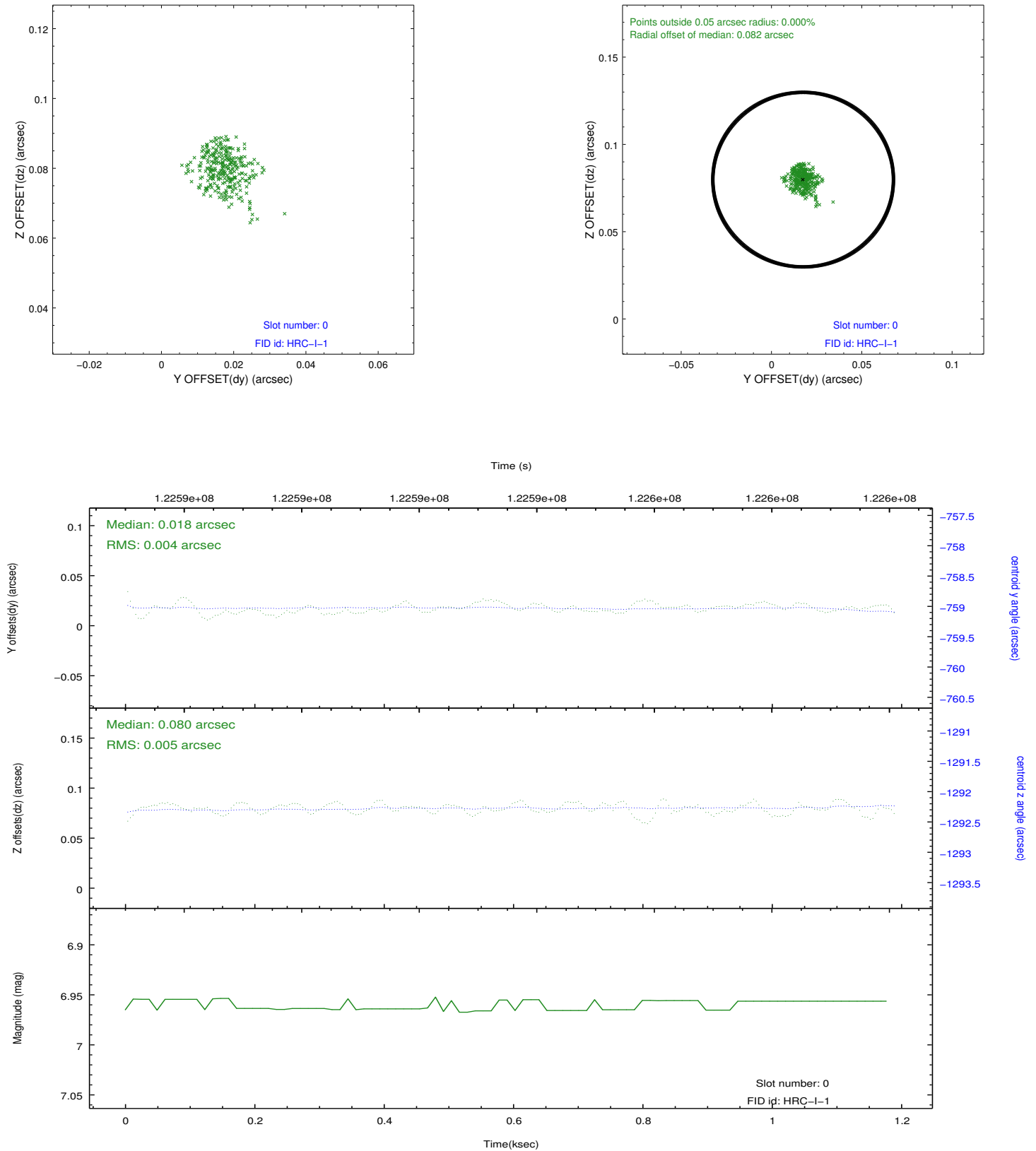


2.4.5 Slot 7

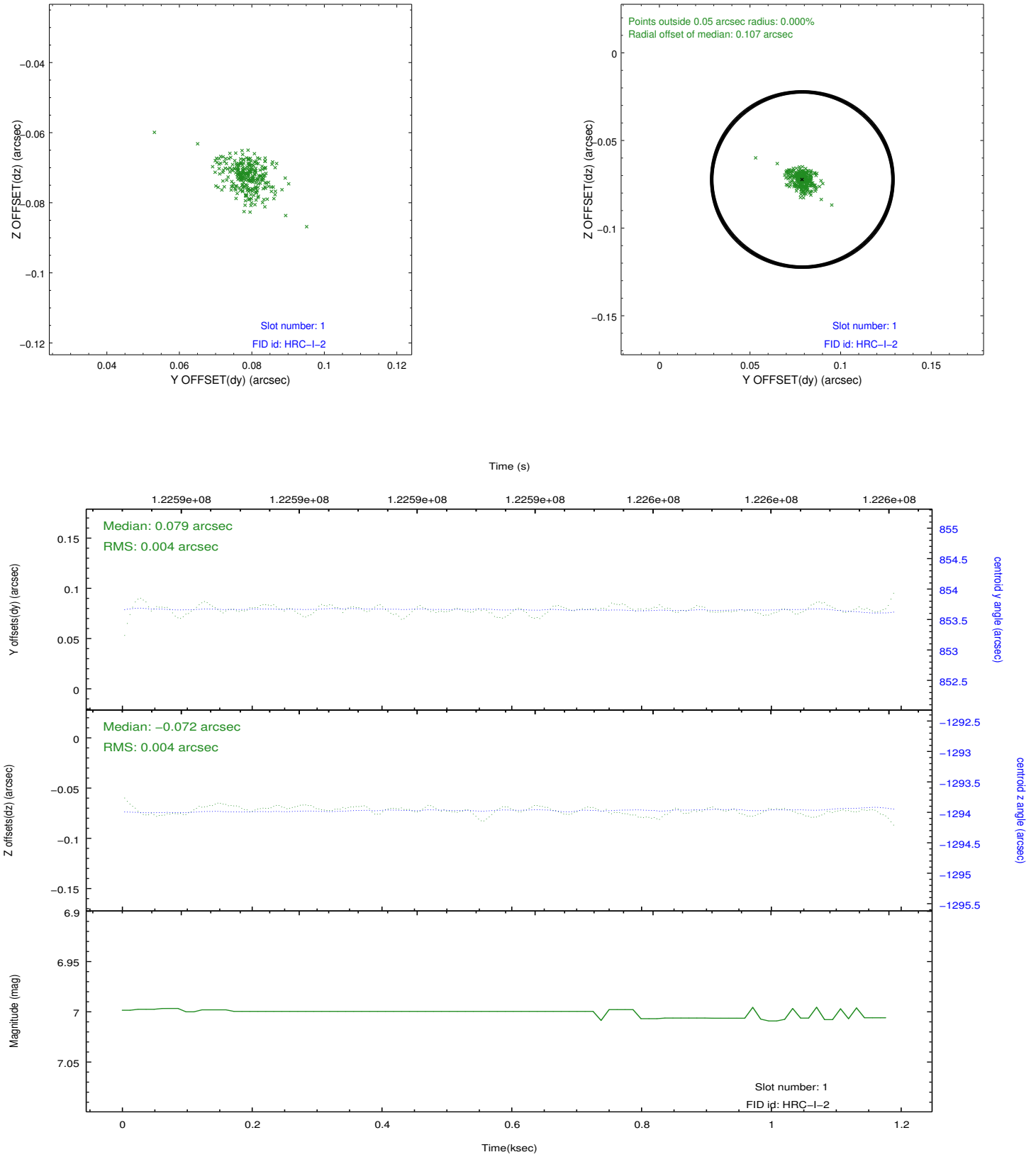


2.5 FID Slots

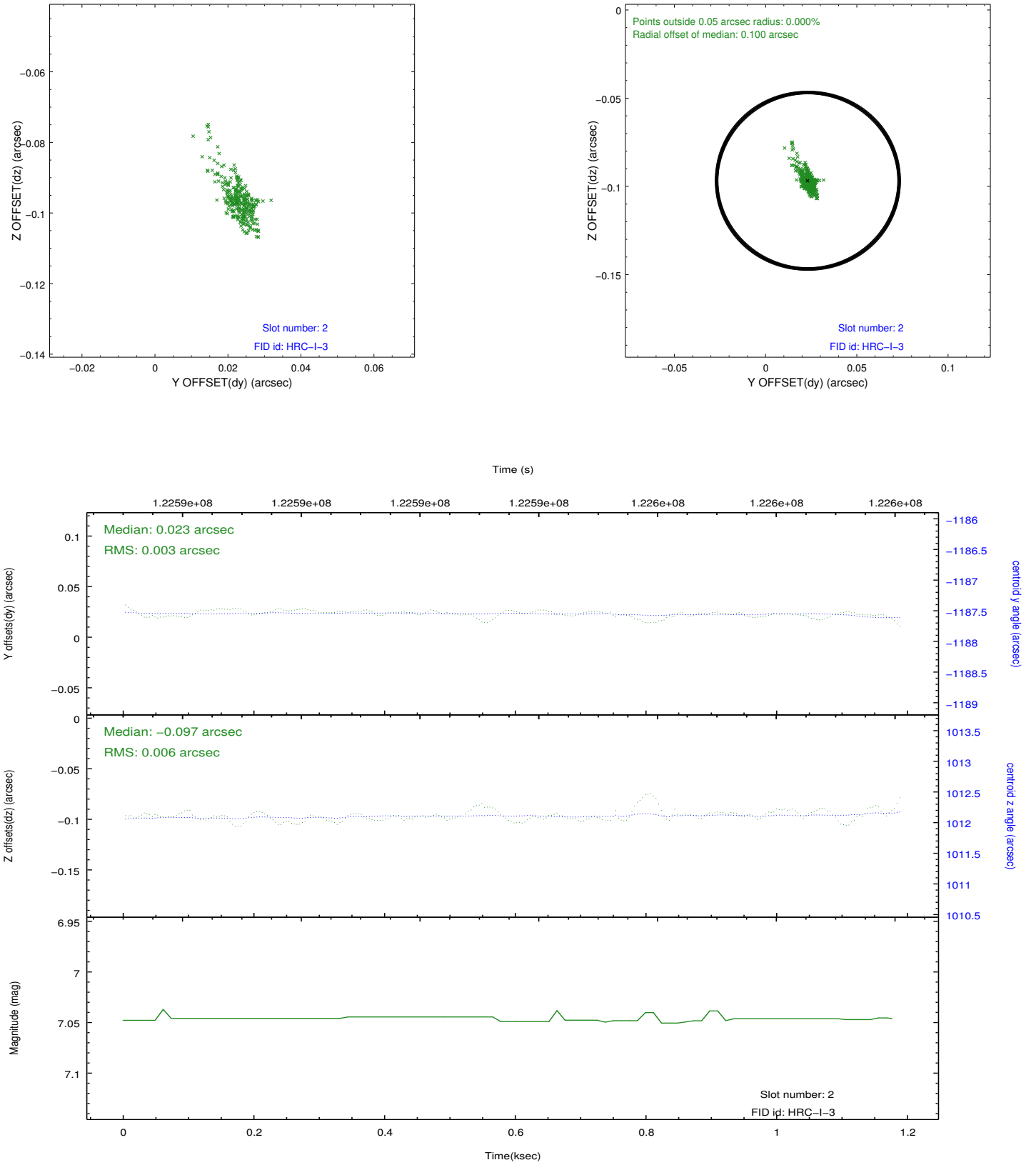
2.5.1 Slot 0



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	1.184

A.2 Comments

Window constraint met.