

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2903 - L2 Version 4
Chandra X-Ray Center

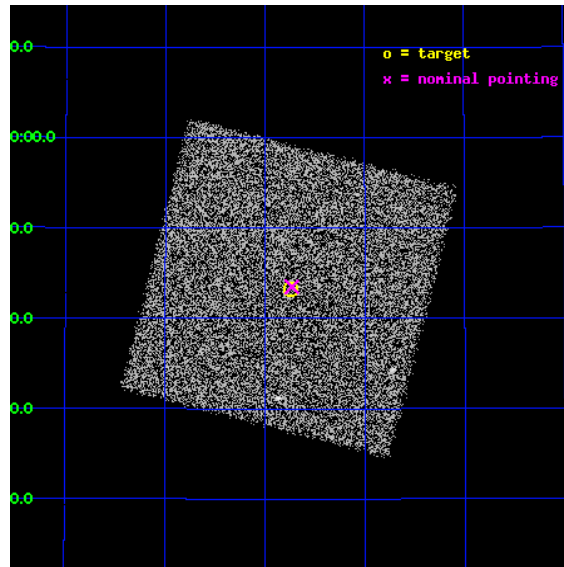
L2 Processing Date : Sep 23 2012

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1 Front

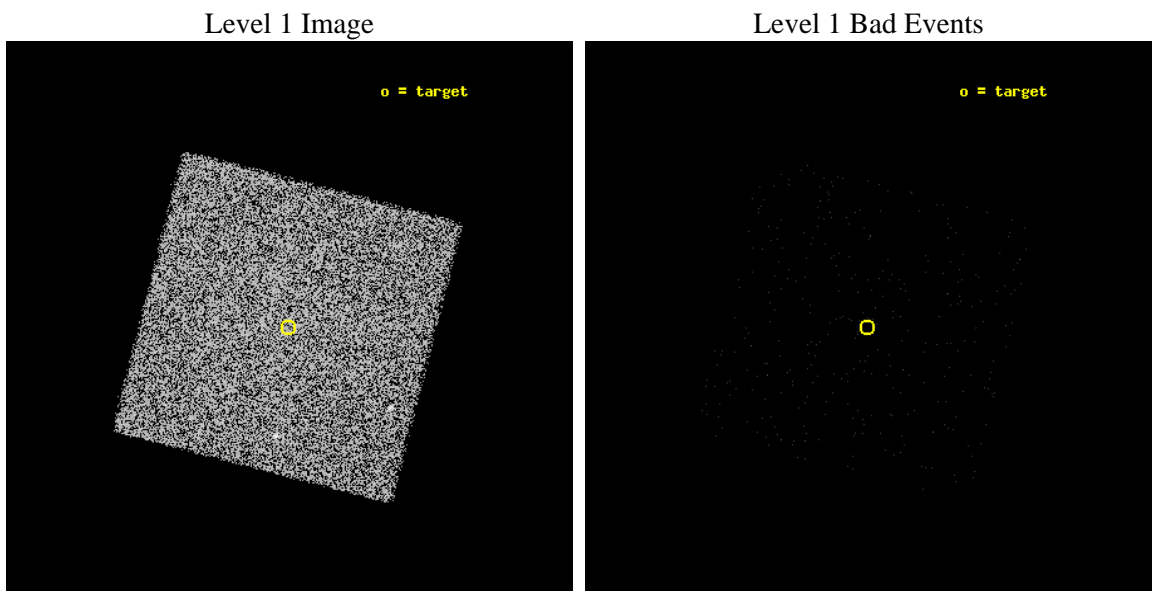
seq_num	600240	Sequence number
obs_id	2903	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-CORE	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.721	Observer's specified target Dec [deg]
ra_nom	10.682602702914	Nominal RA [deg]
dec_nom	41.725122147744	Nominal Dec [deg]
roll_nom	149.39440163656	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1194.3812972158	[s]
livetime	1188.0067510208	Ontime multiplied by DTCOR
l2events	33748	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	1194.3812972158	[s]
caldbver	4.5.1.1	 	l1events	63323	Number of level 1 events
date	2012-09-23T15:04:01	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

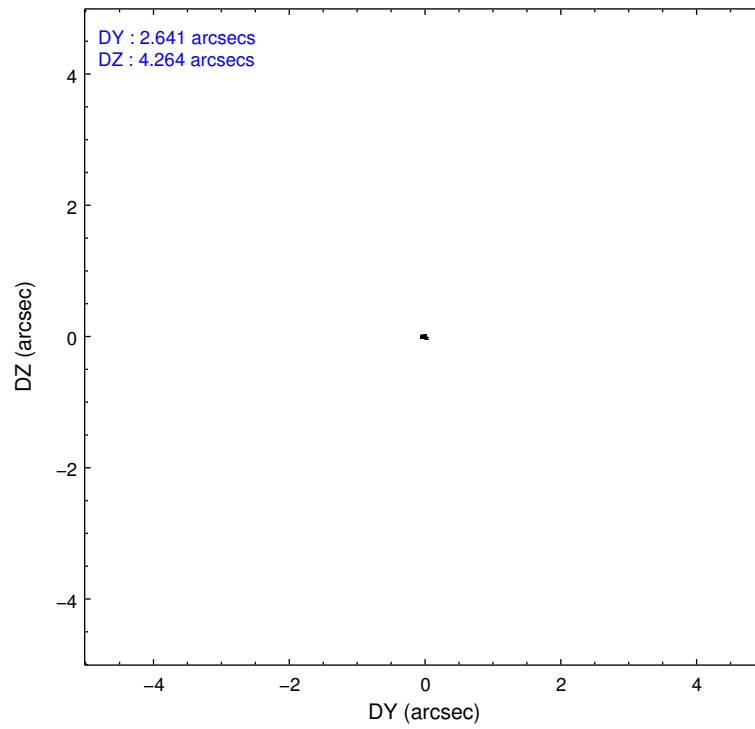
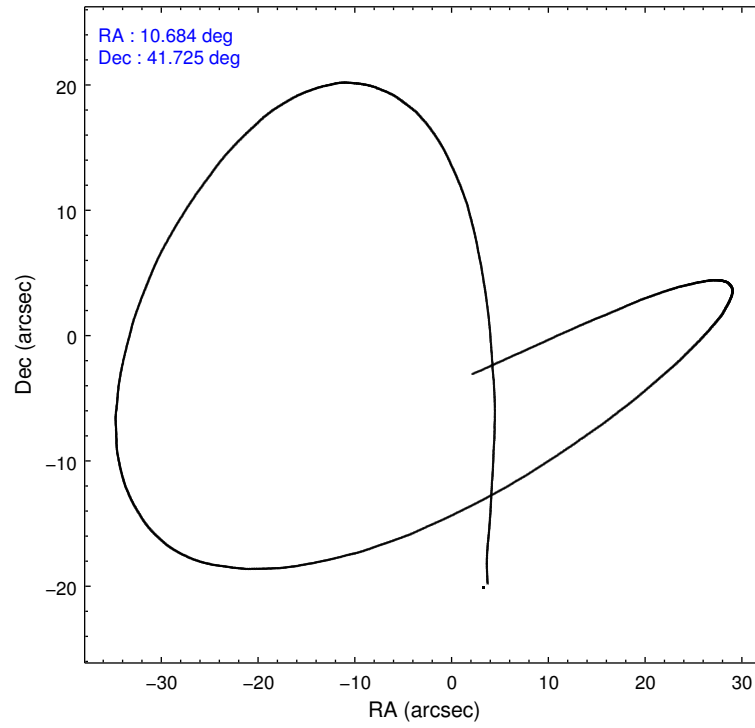
Level 1 Events

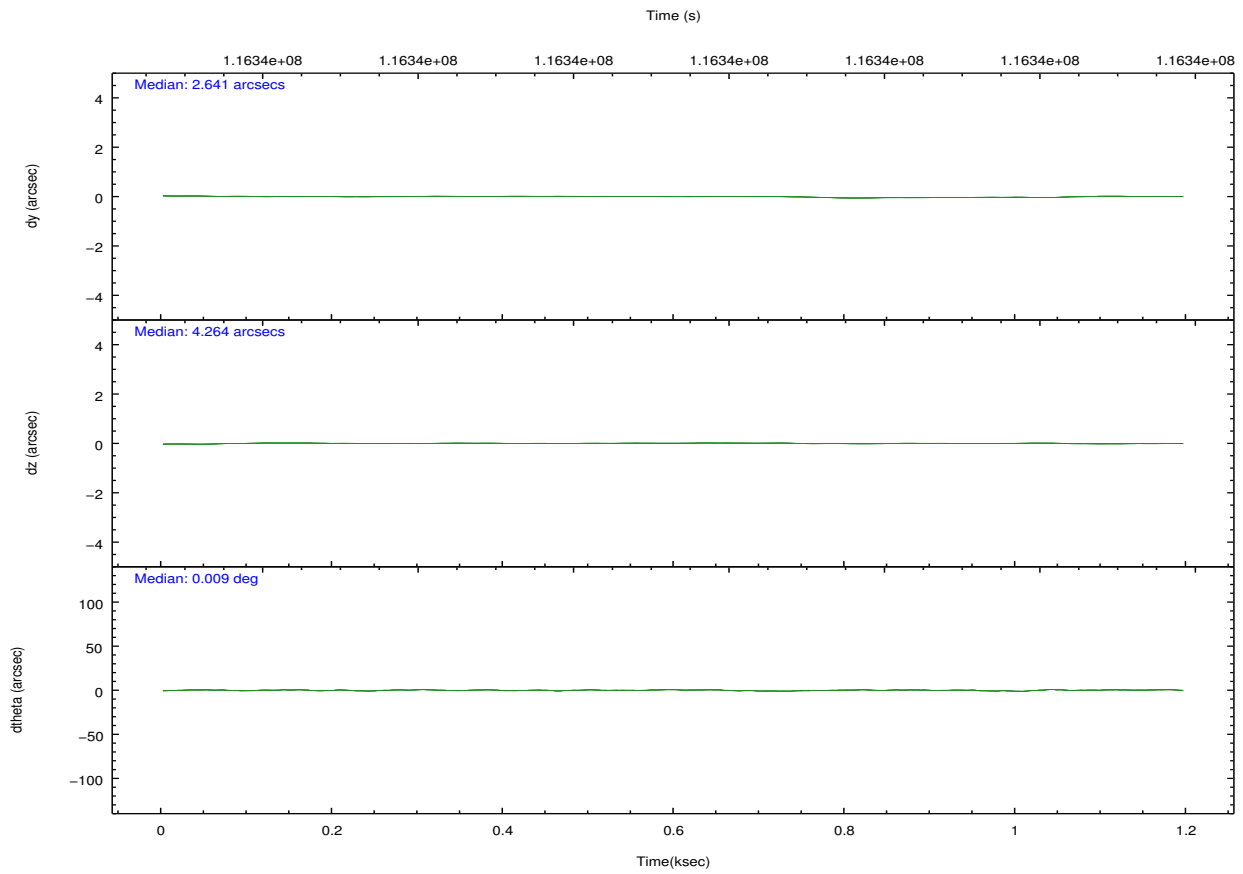
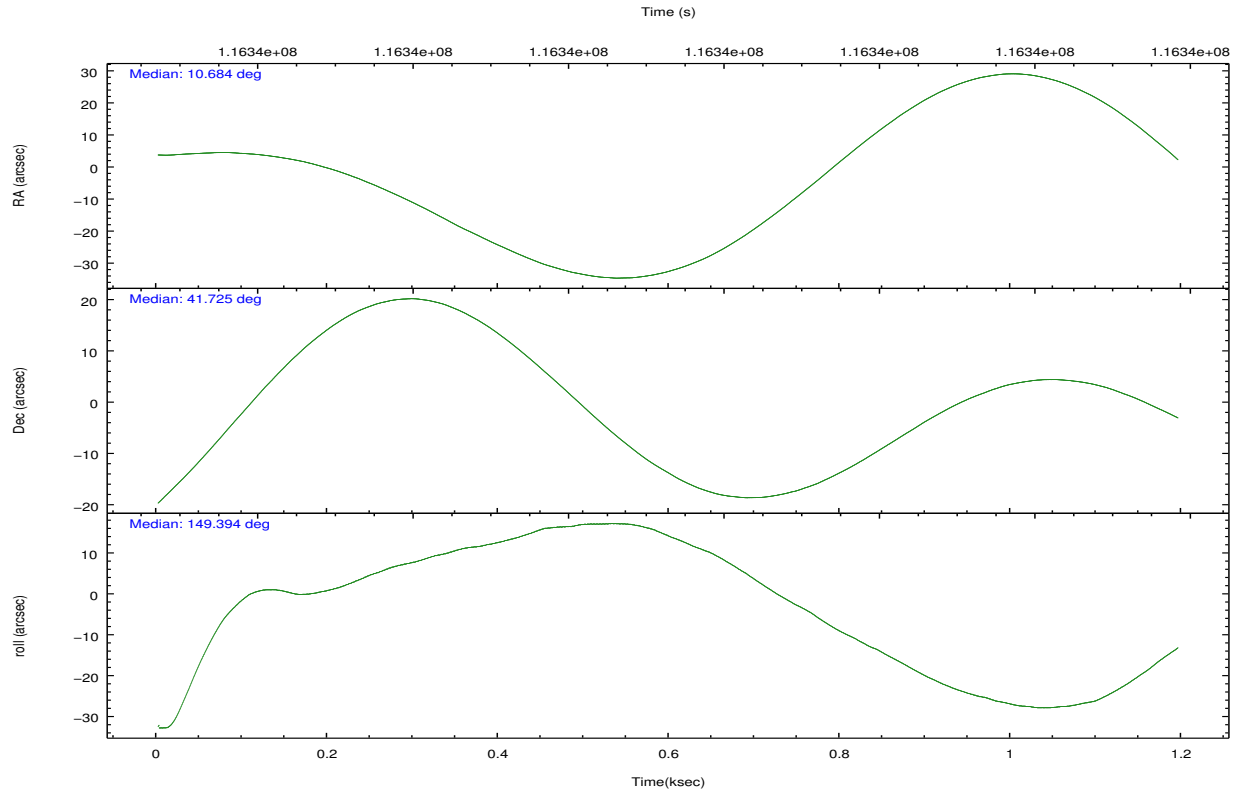
	segment 0
level 1 events	63323
rejected events	13028
rejected %	20%

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	10.717974	10.68260270291416			
[deg] Pointing Dec	41.724674	41.72512214774384			
[deg] Pointing Roll	149.466357	149.3944016365578			
[s] Window start time (MET)	117072064.184000	117072064.184000			
[s] Window stop time (MET)	117676864.184000	117676864.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	116339725.184000	116339349.11782			
Observation start date	2001-09-08T12:34:21	2001-09-08T12:29:09			
[s] Observation end time (MET)	116340725.184000	116340859.96788			
Observation end date	2001-09-08T12:51:01	2001-09-08T12:54:19			

2.3 Aspect



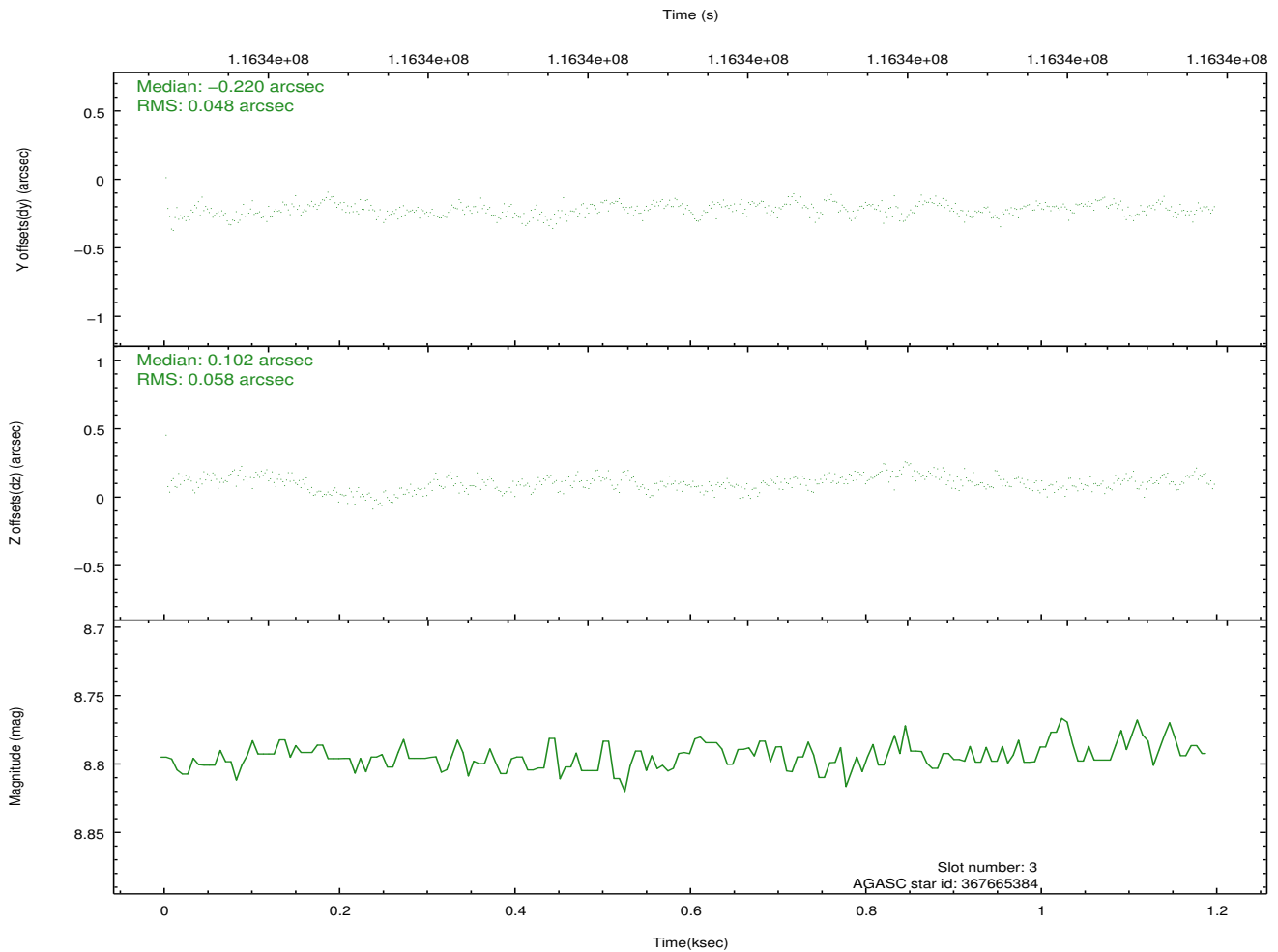
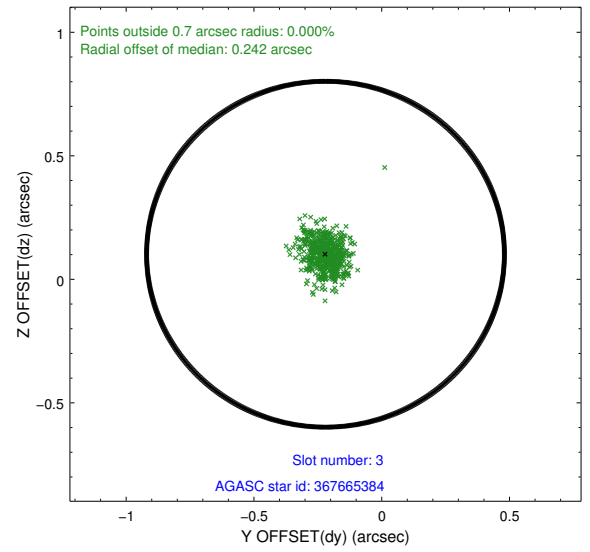
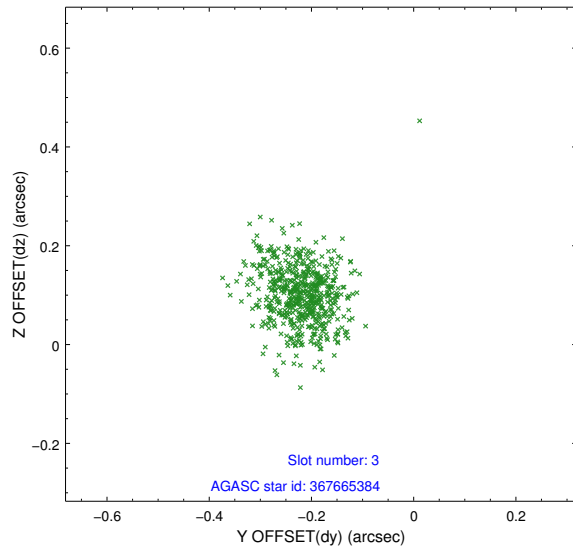


Slot Statistics

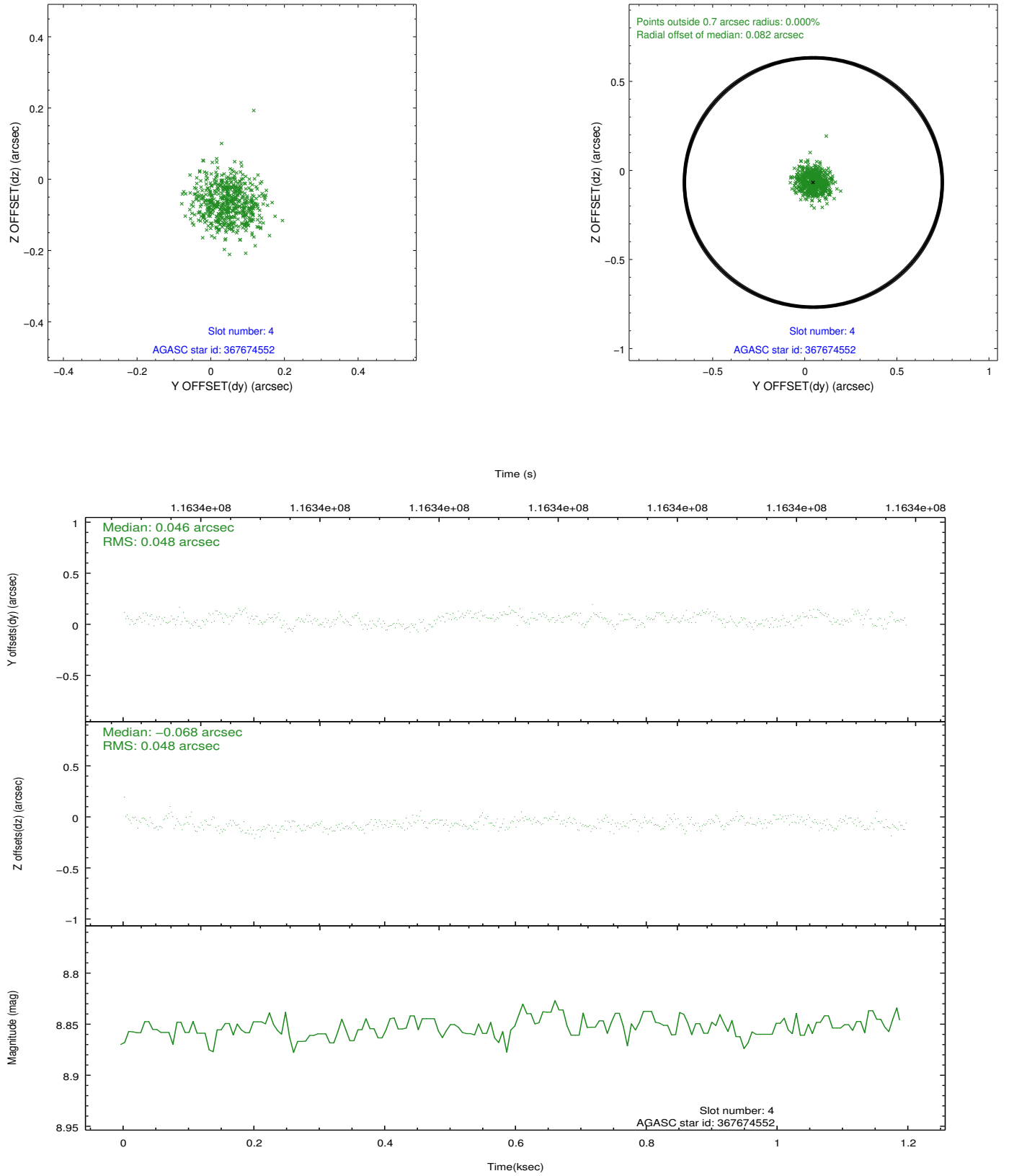
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	292	0.023	0.065	0.006	0.010	0.000000	0.000000	-758.08	-1292.02
1	FID	HRC-I-2	7.02	292	0.073	-0.070	0.005	0.008	0.000000	0.000000	852.01	-1298.15
2	FID	HRC-I-3	7.06	292	0.023	-0.084	0.006	0.011	0.000000	0.000000	-1183.64	1007.96
3	GUIDE	367665384	8.79	584	-0.220	0.102	0.079	0.128	10.414363	42.275730	1707.78	-1295.07
4	GUIDE	367674552	8.85	584	0.046	-0.068	0.072	0.112	11.016238	41.570845	-966.84	69.27
5	GUIDE	367657896	9.02	584	0.141	-0.063	0.081	0.127	11.197765	41.313576	-1866.26	616.44
6	GUIDE	367671800	9.40	584	0.024	0.070	0.078	0.124	10.554735	41.964935	815.62	-518.34
7	GUIDE	367665472	9.48	583	0.003	-0.055	0.095	0.305	10.241611	41.730843	1119.57	631.01

2.4 Star Slots

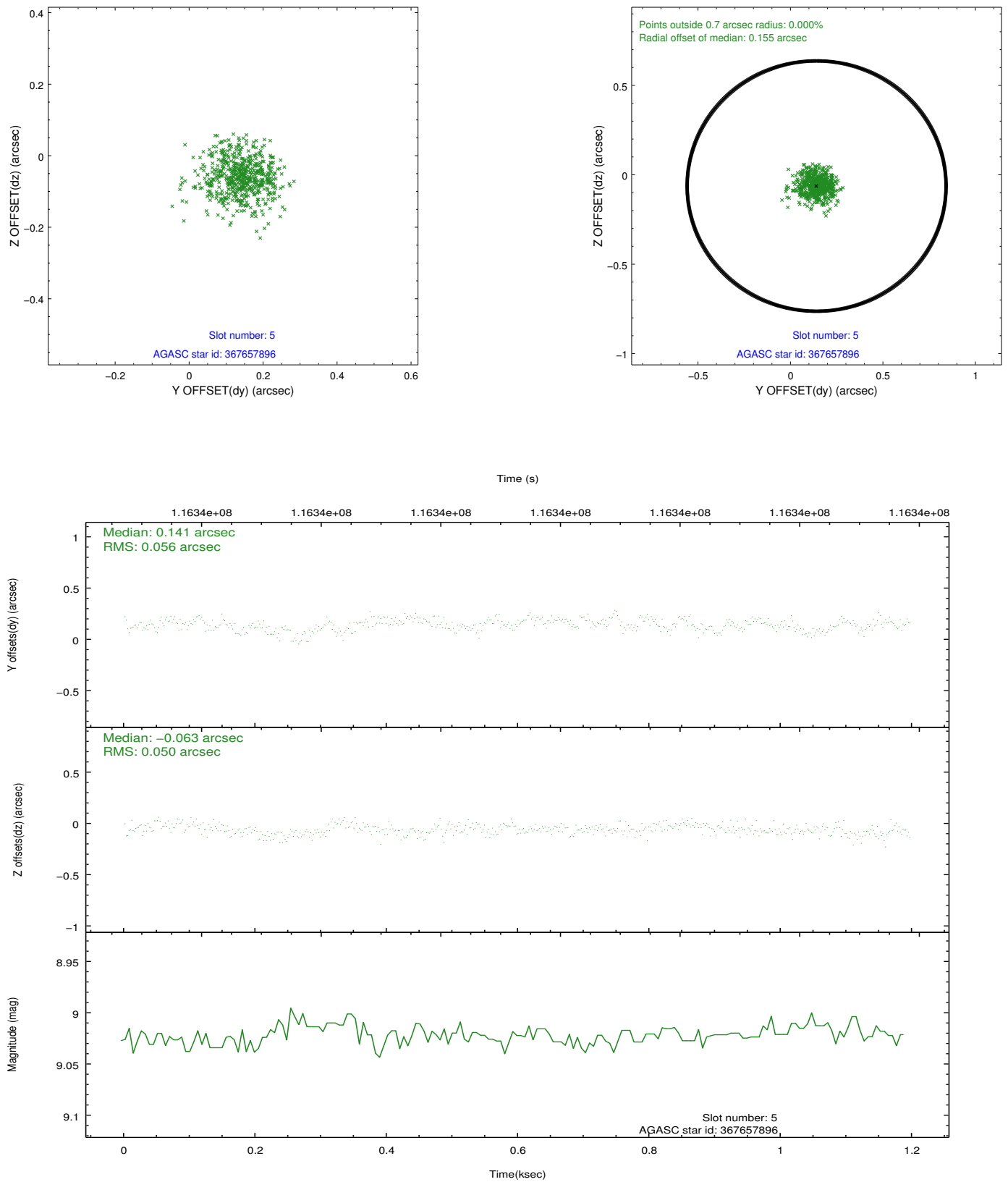
2.4.1 Slot 3



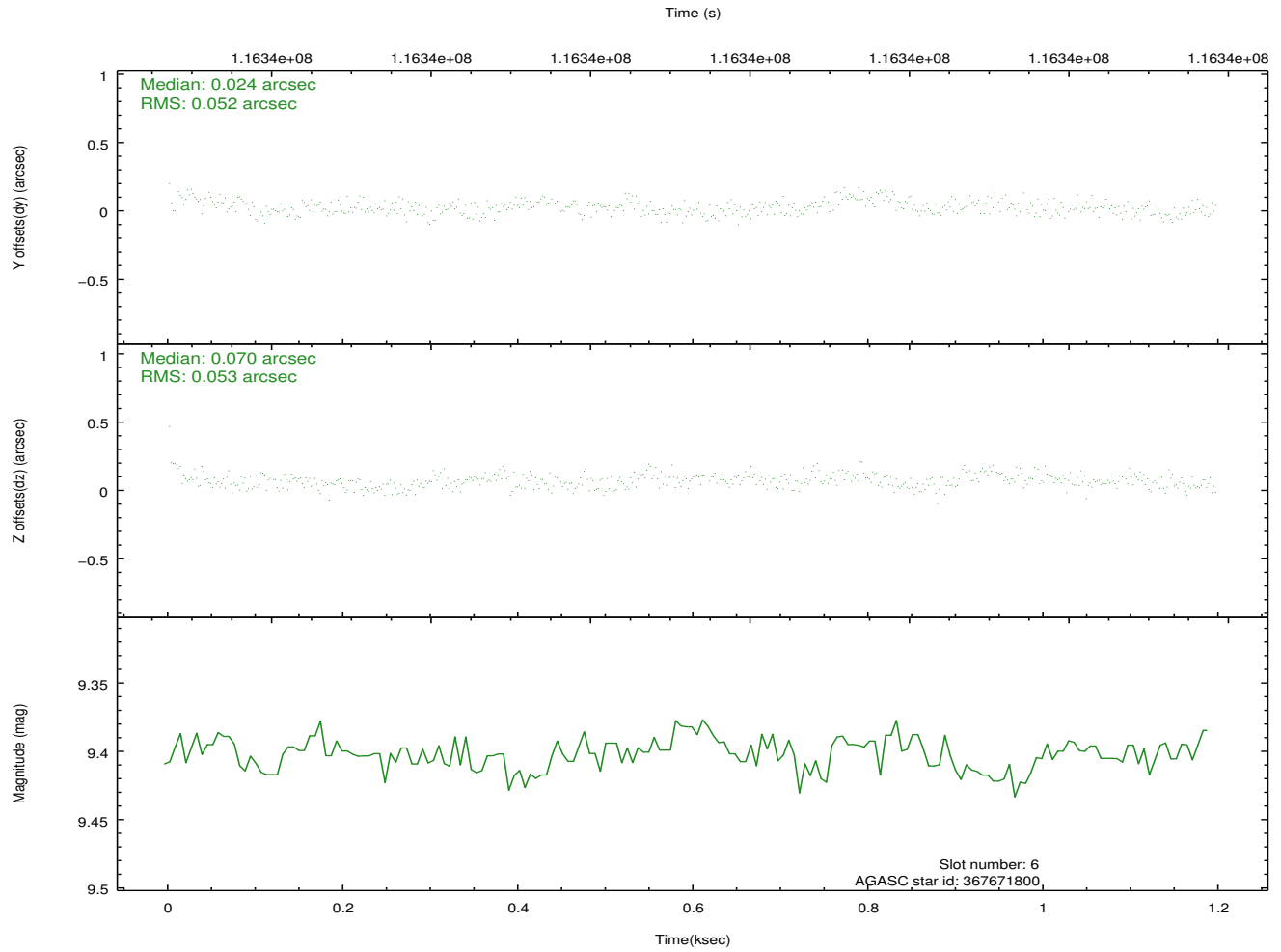
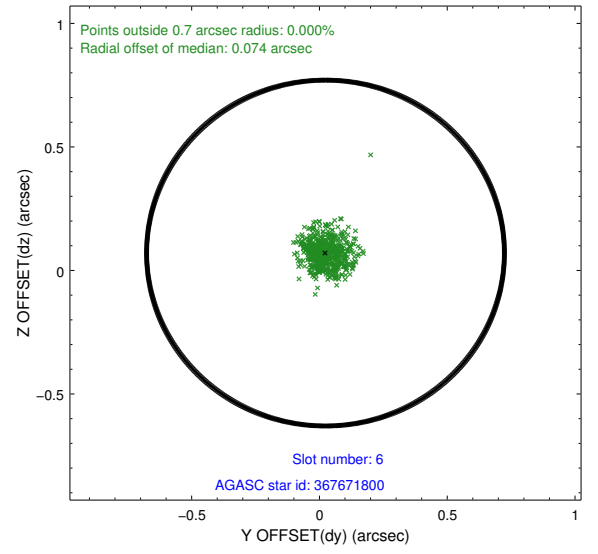
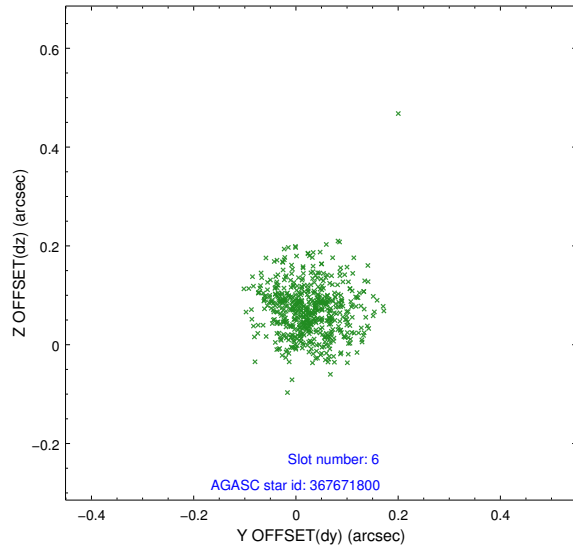
2.4.2 Slot 4



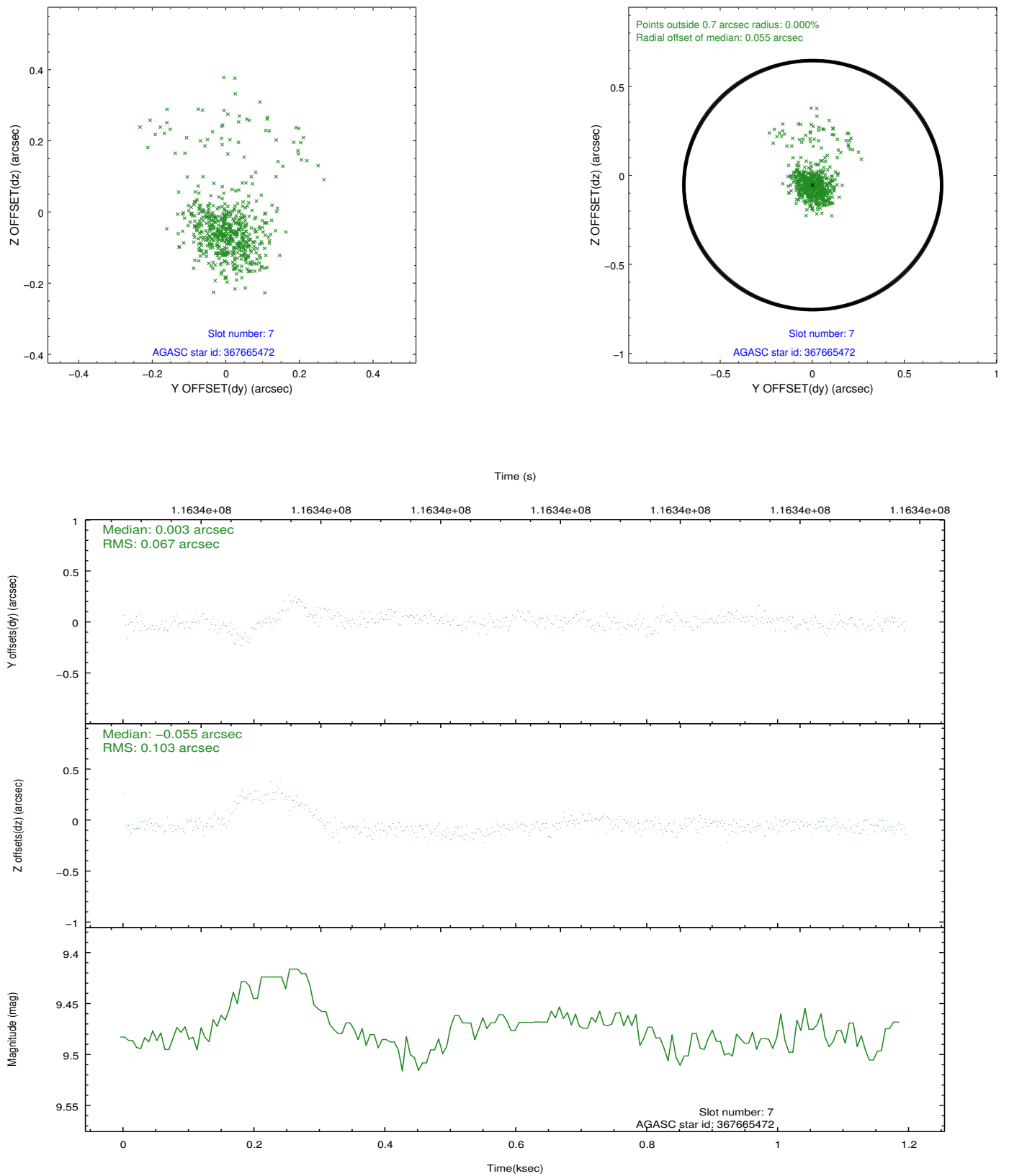
2.4.3 Slot 5



2.4.4 Slot 6

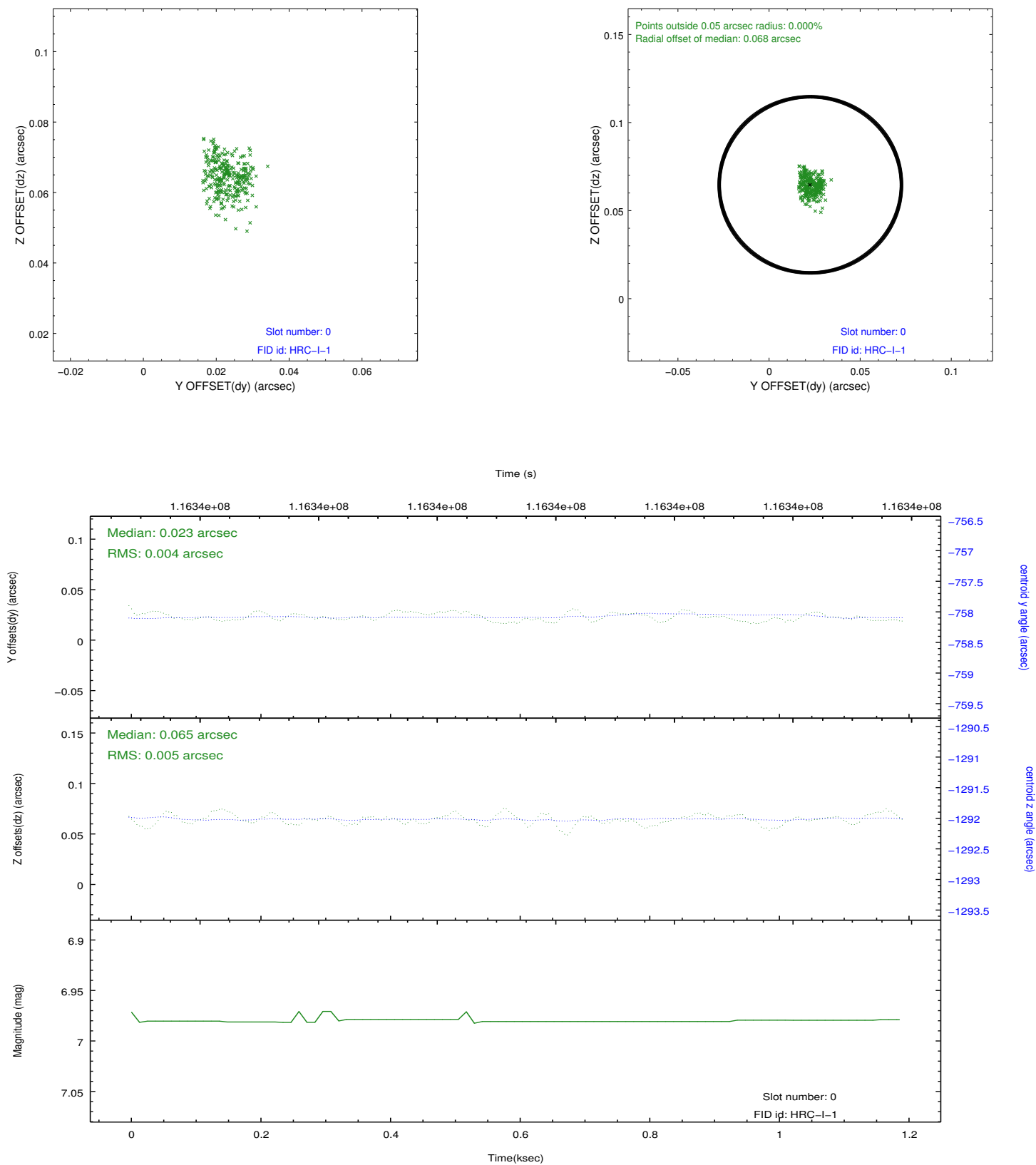


2.4.5 Slot 7

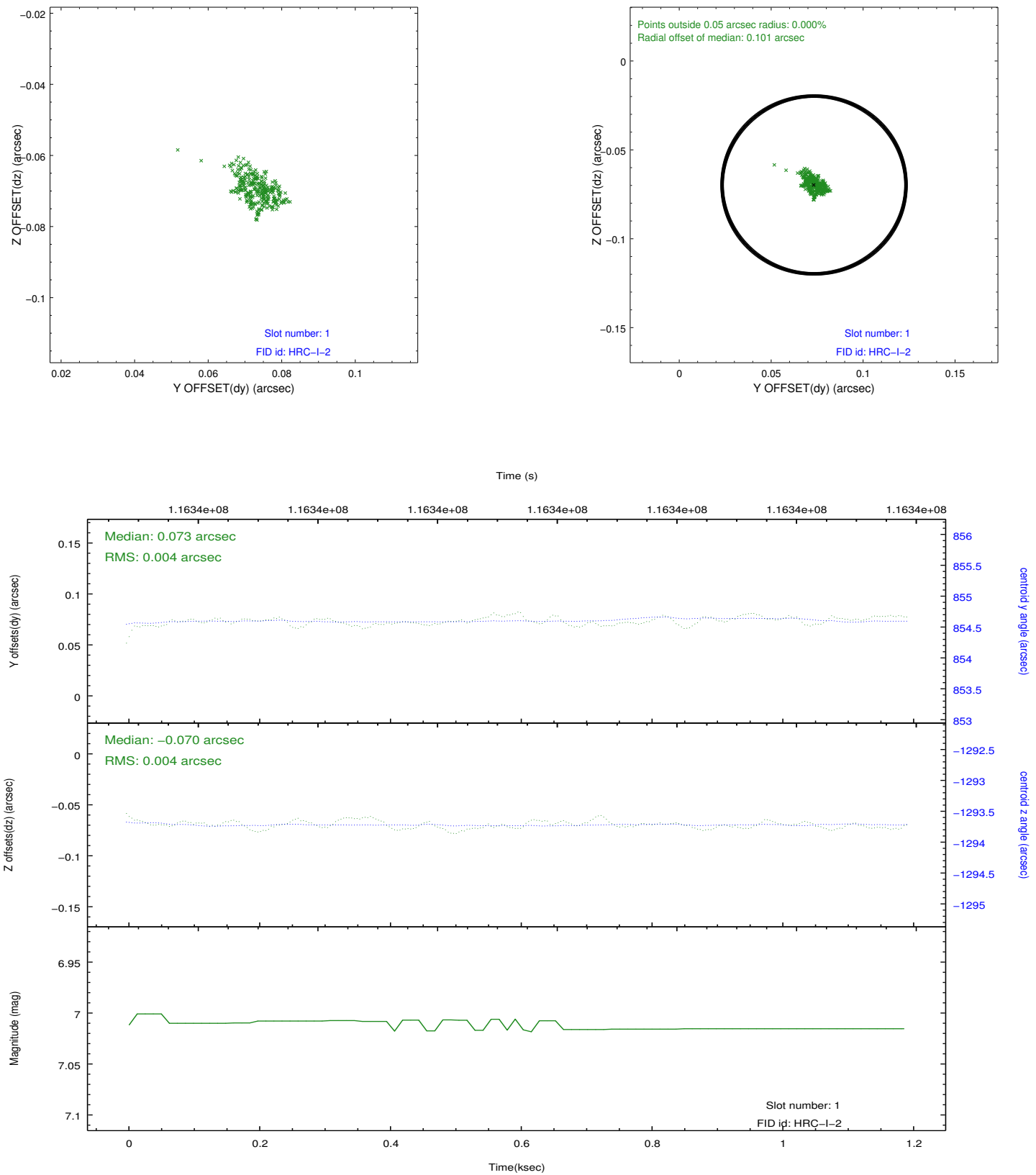


2.5 FID Slots

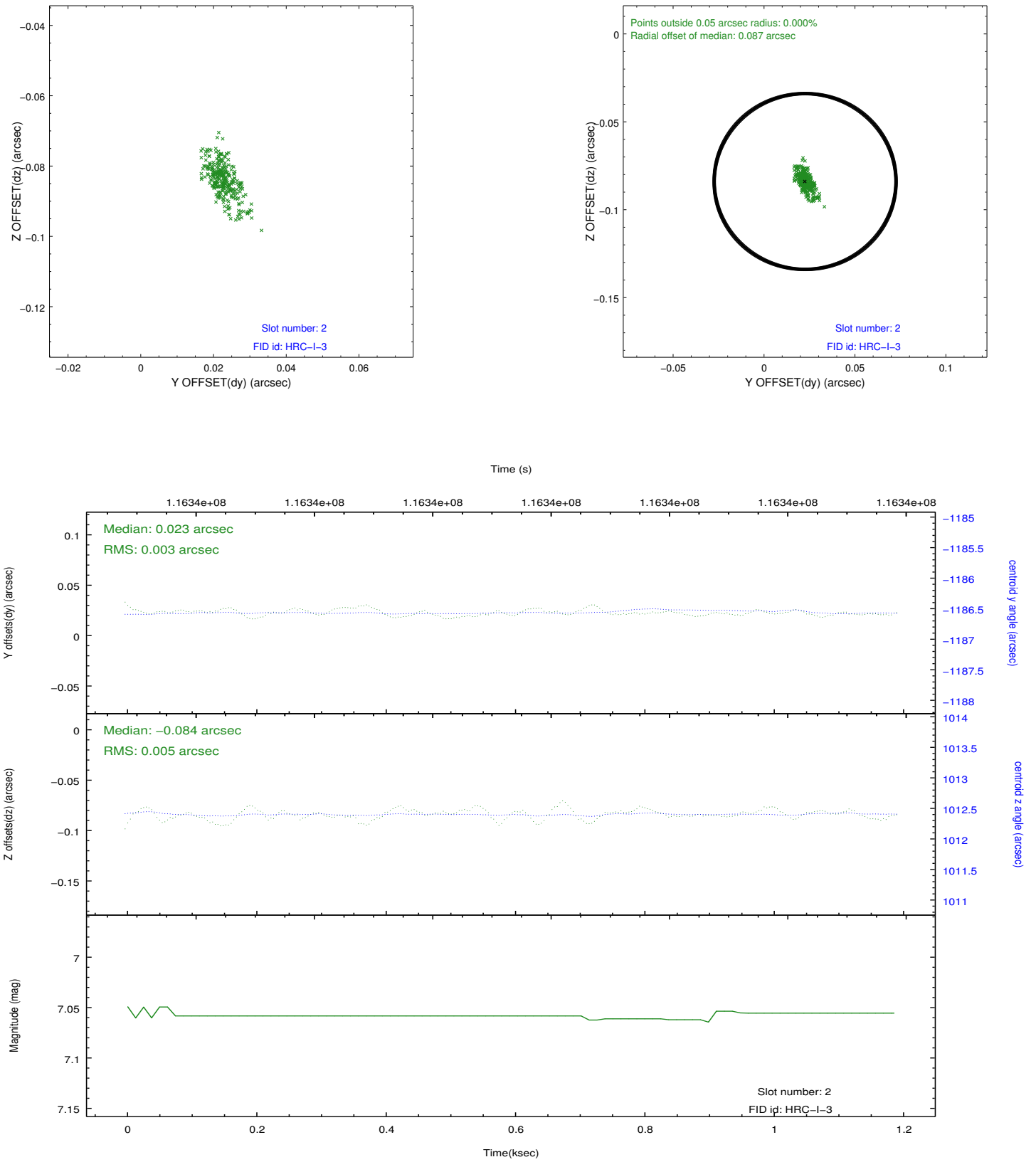
2.5.1 Slot 0



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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments

Window constraint not met.