

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2914 - L2 Version 4
Chandra X-Ray Center

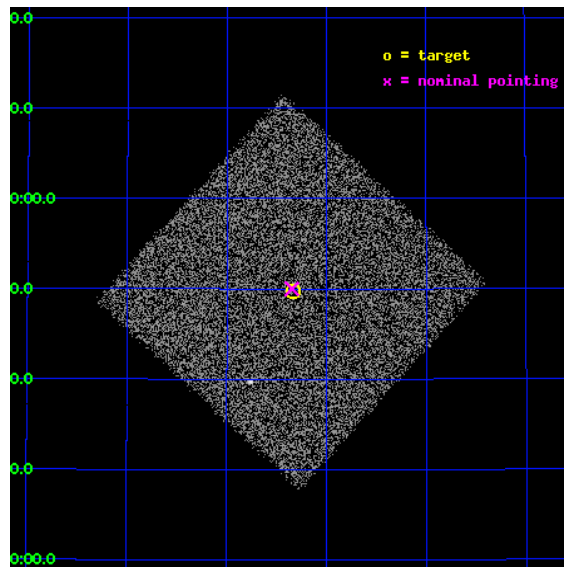
L2 Processing Date : Oct 8 2012

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1 Front

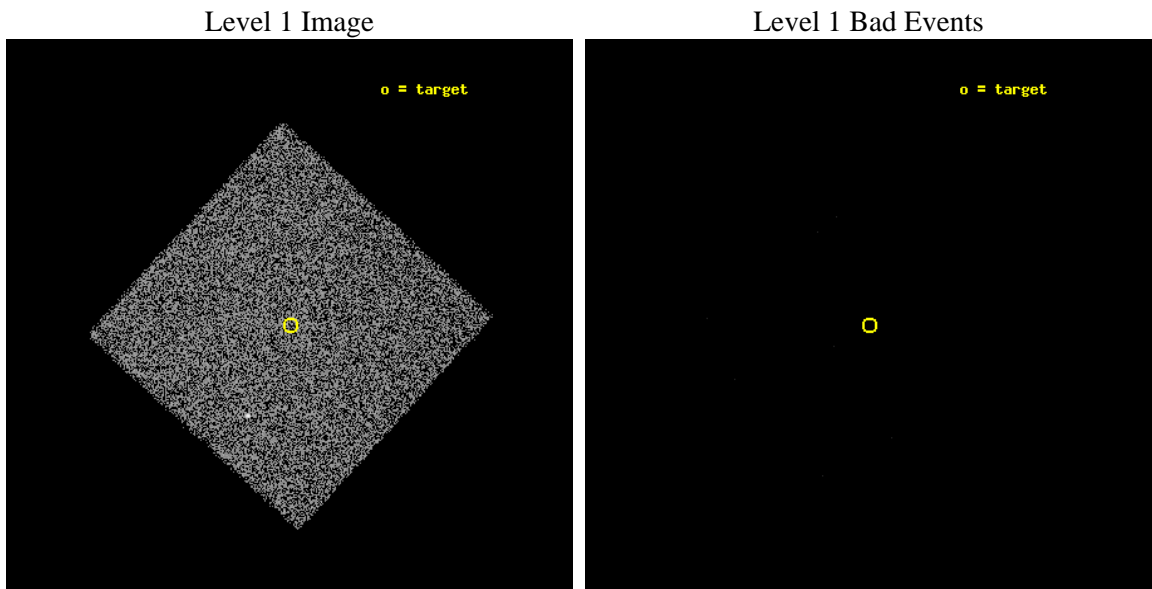
seq_num	600251	Sequence number
obs_id	2914	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-N2	Source name
ra_targ	11.332917	Observer's specified target RA [deg]
dec_targ	41.83	Observer's specified target Dec [deg]
ra_nom	11.336796538877	Nominal RA [deg]
dec_nom	41.833628542906	Nominal Dec [deg]
roll_nom	87.530379263134	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1195.9187988341	[s]
livetime	1189.7390868943	Ontime multiplied by DTCOR
l2events	30906	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	1195.9187988341	[s]
caldbver	4.5.2	 	l1events	54187	Number of level 1 events
date	2012-10-09T01:38:56	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

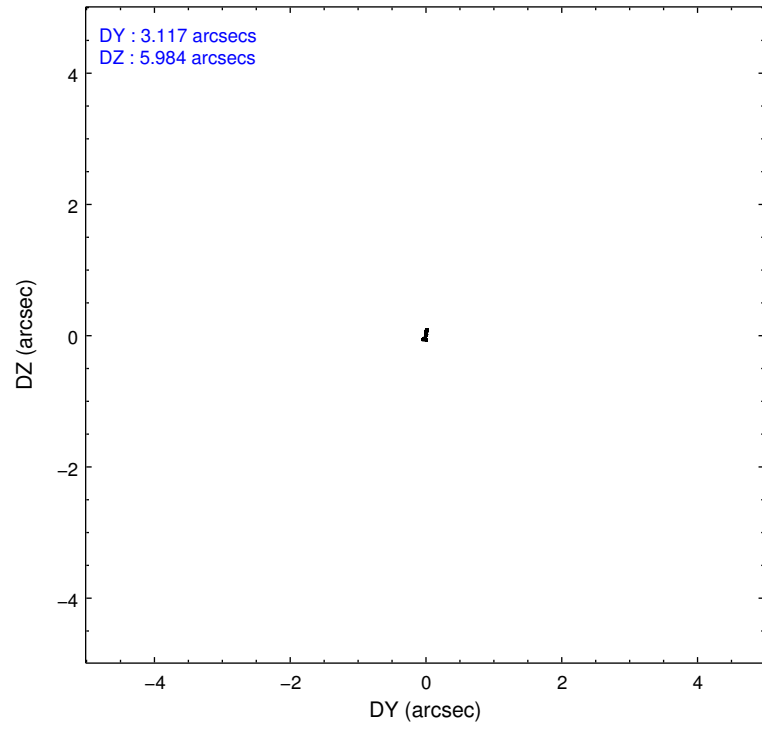
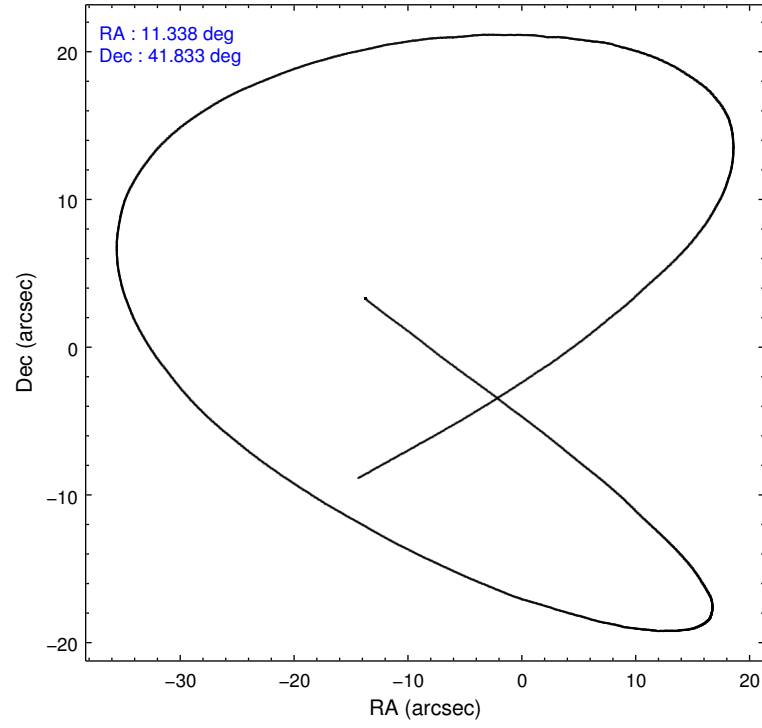
Level 1 Events

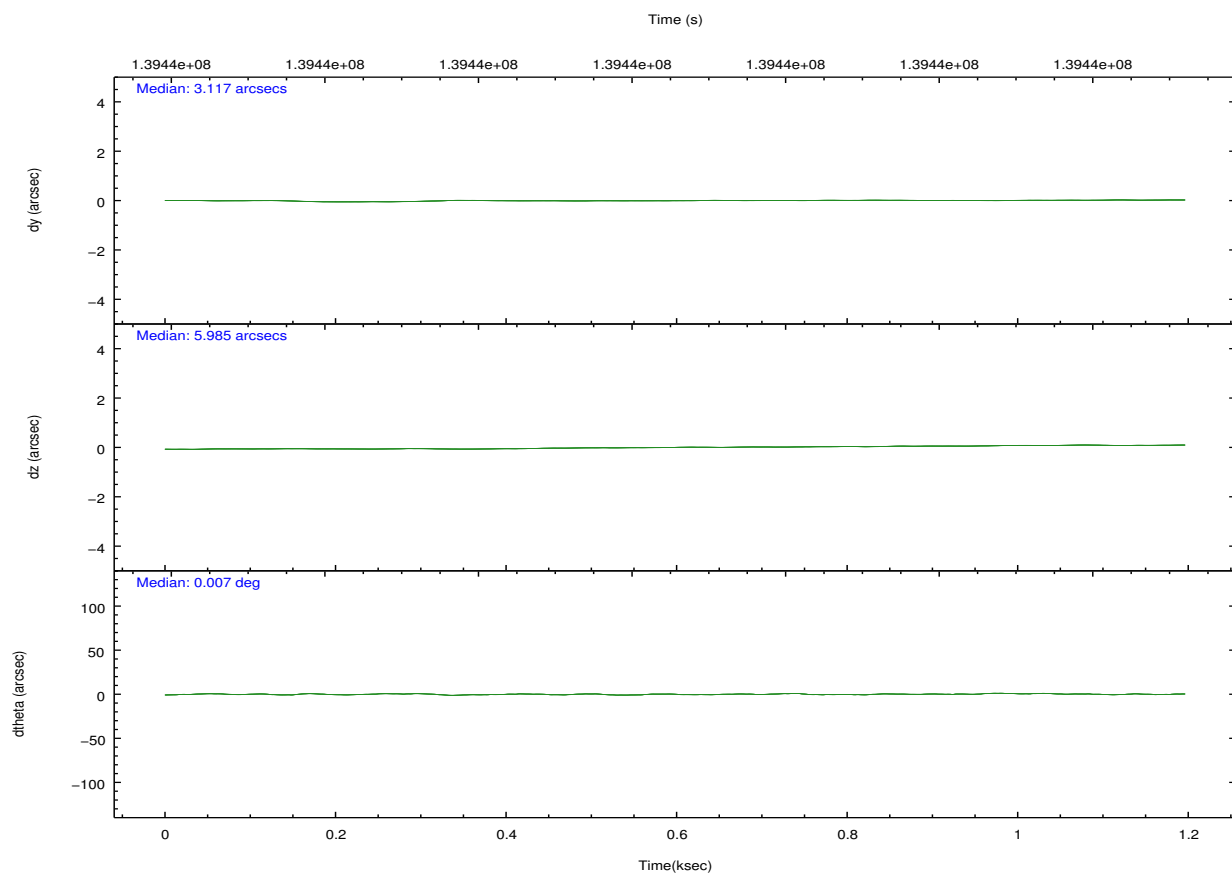
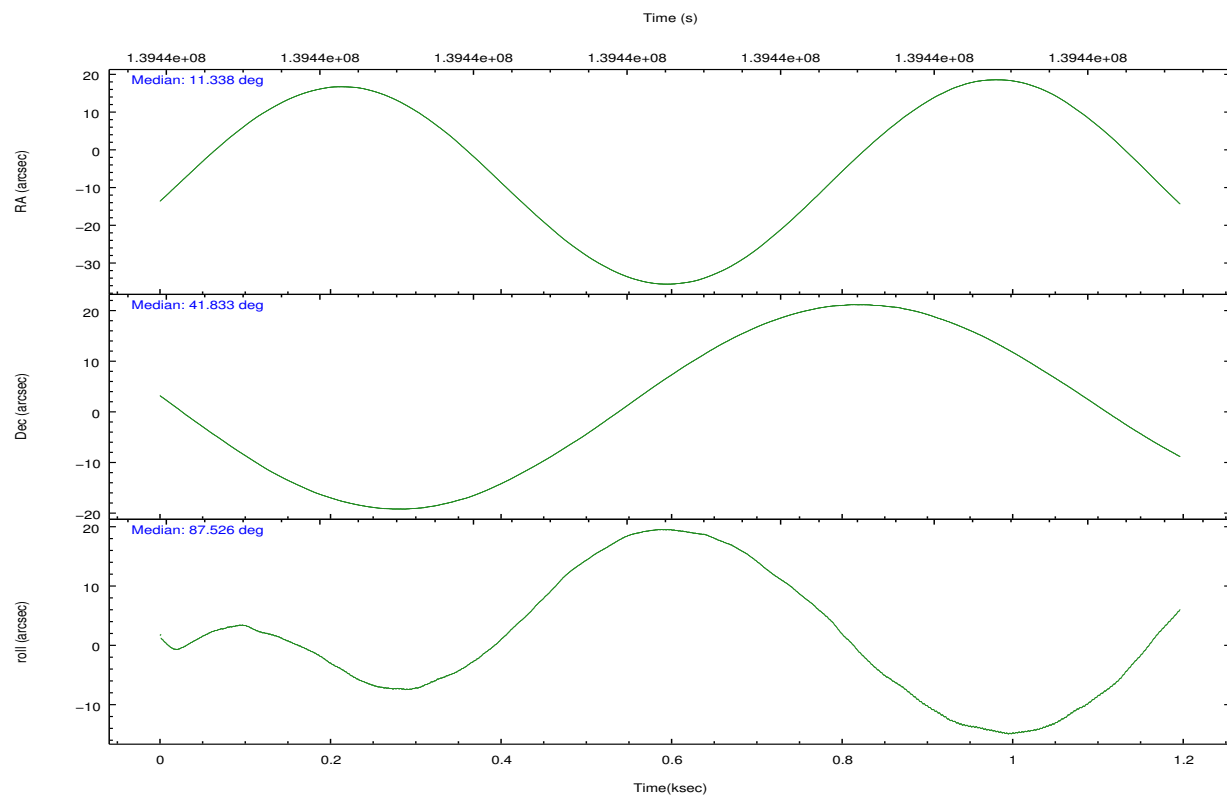
	segment 0
level 1 events	54187
rejected events	7650
rejected %	14%

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	11.352844	11.33679653887708			
[deg] Pointing Dec	41.810036	41.83362854290632			
[deg] Pointing Roll	87.615192	87.53037926313408			
[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)	139444052.184000	139443676.19721			
Observation start date	2002-06-02T22:26:28	2002-06-02T22:21:16			
[s] Observation end time (MET)	139445052.184000	139445276.22227			
Observation end date	2002-06-02T22:43:08	2002-06-02T22:47:56			

2.3 Aspect



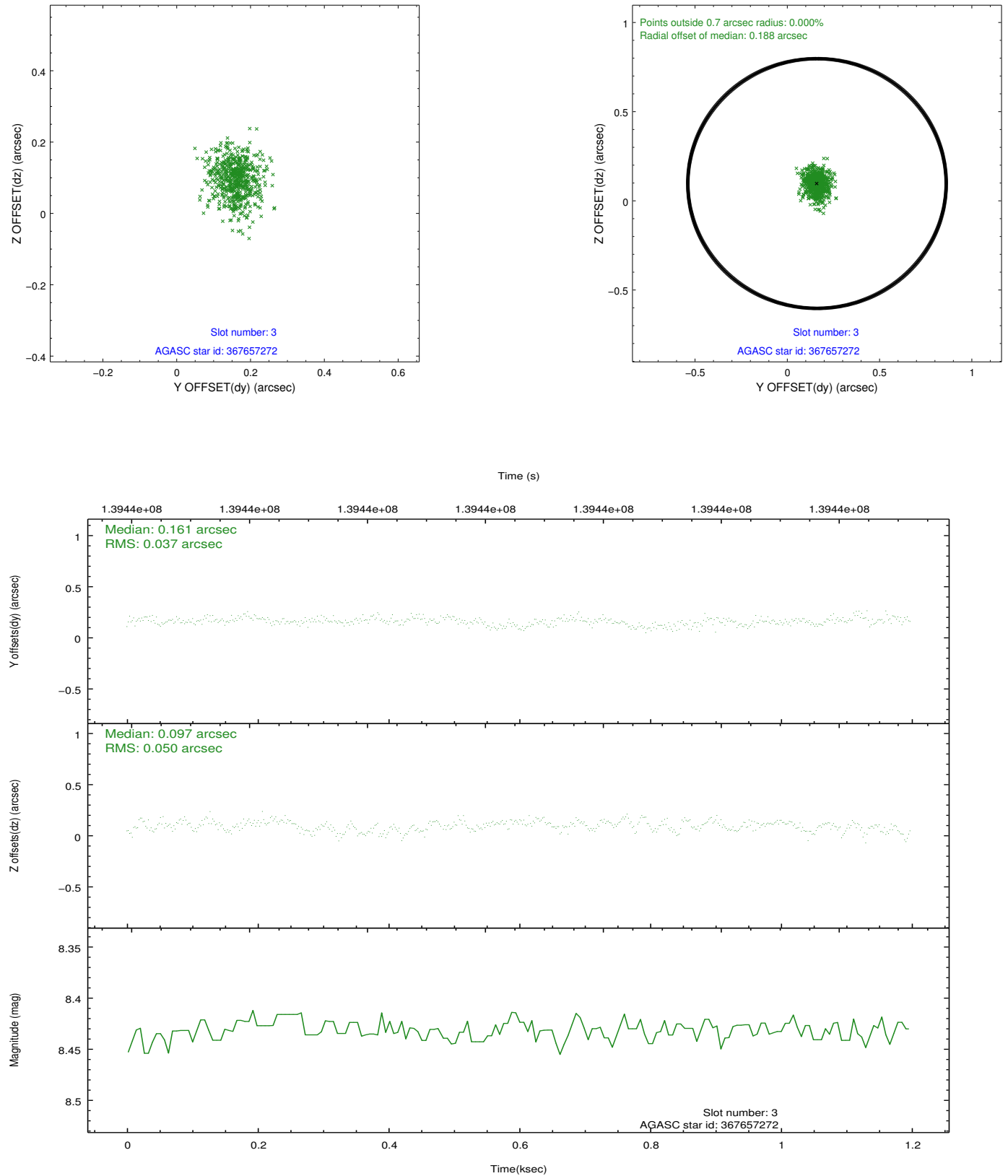


Slot Statistics

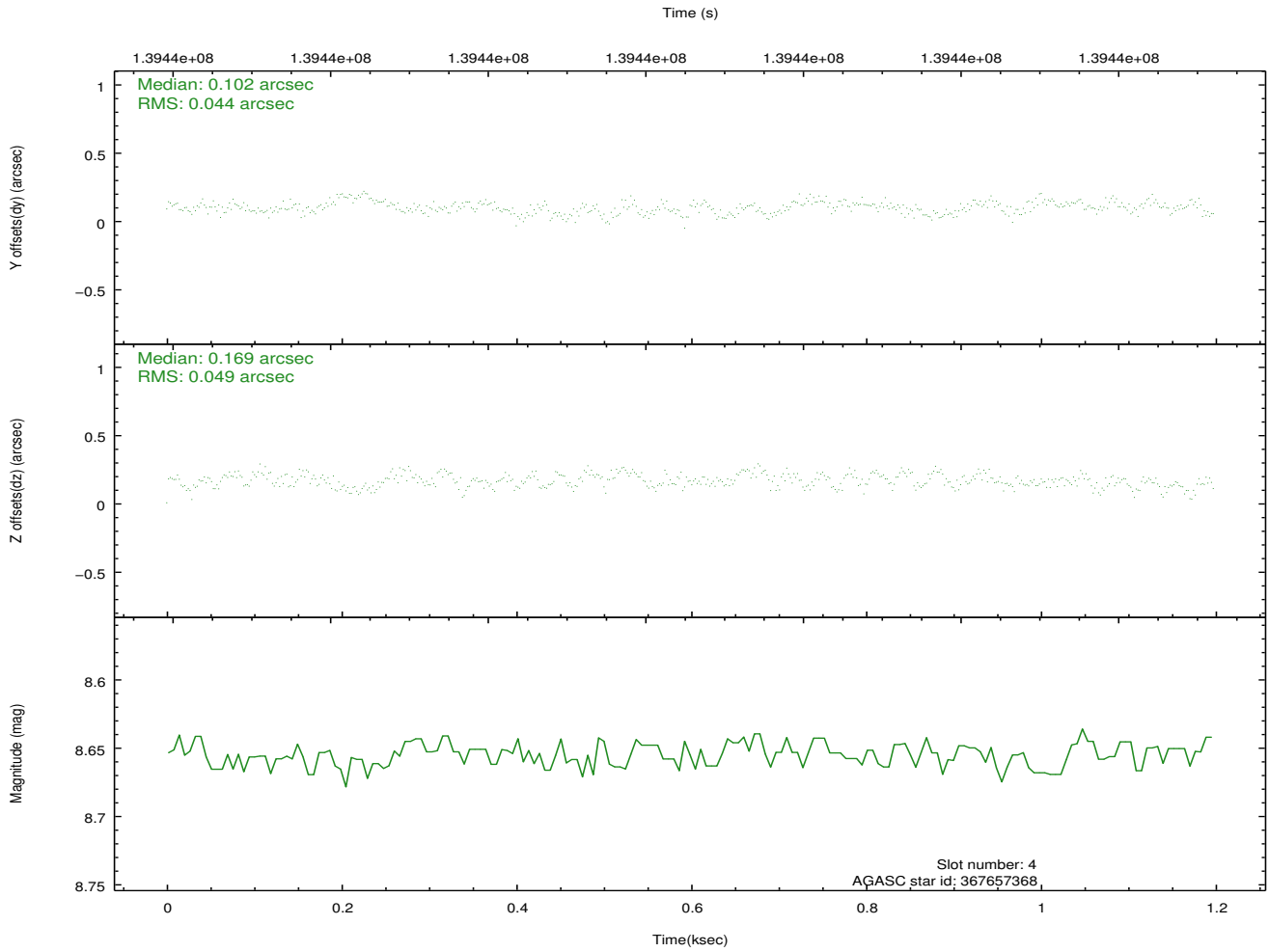
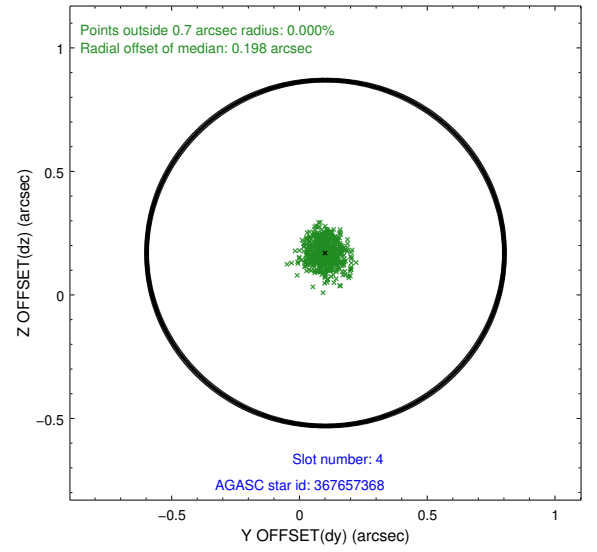
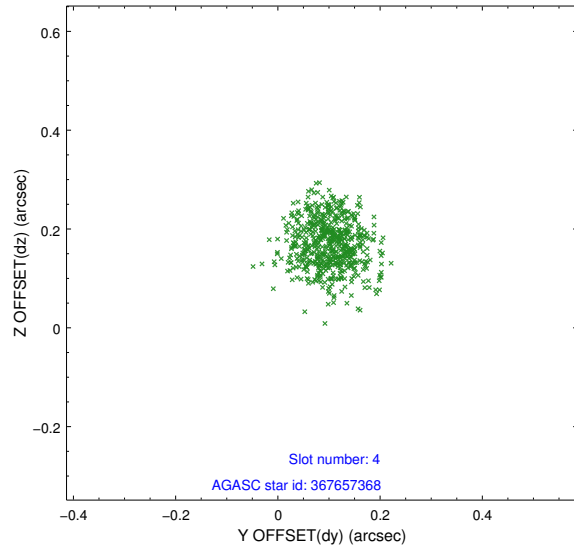
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	292	0.004	0.015	0.007	0.011	0.000000	0.000000	-758.55	-1293.81
1	FID	HRC-I-2	7.01	292	0.066	-0.030	0.006	0.011	0.000000	0.000000	851.54	-1299.81
2	FID	HRC-I-3	7.06	292	0.049	-0.075	0.006	0.010	0.000000	0.000000	-1184.13	1006.21
3	GUIDE	367657272	8.43	584	0.161	0.097	0.065	0.108	11.834471	41.298907	-1779.76	-1372.96
4	GUIDE	367657368	8.65	585	0.102	0.169	0.071	0.111	11.928227	41.287266	-1812.59	-1630.58
5	GUIDE	367671800	9.42	585	-0.116	-0.245	0.106	0.168	10.554735	41.964935	475.48	2160.11
6	GUIDE	367670520	9.27	585	-0.112	-0.126	0.086	0.146	11.265516	42.371946	2012.88	324.94
7	GUIDE	367660528	9.55	584	-0.027	0.099	0.100	0.161	11.676845	42.311657	1846.02	-780.93

2.4 Star Slots

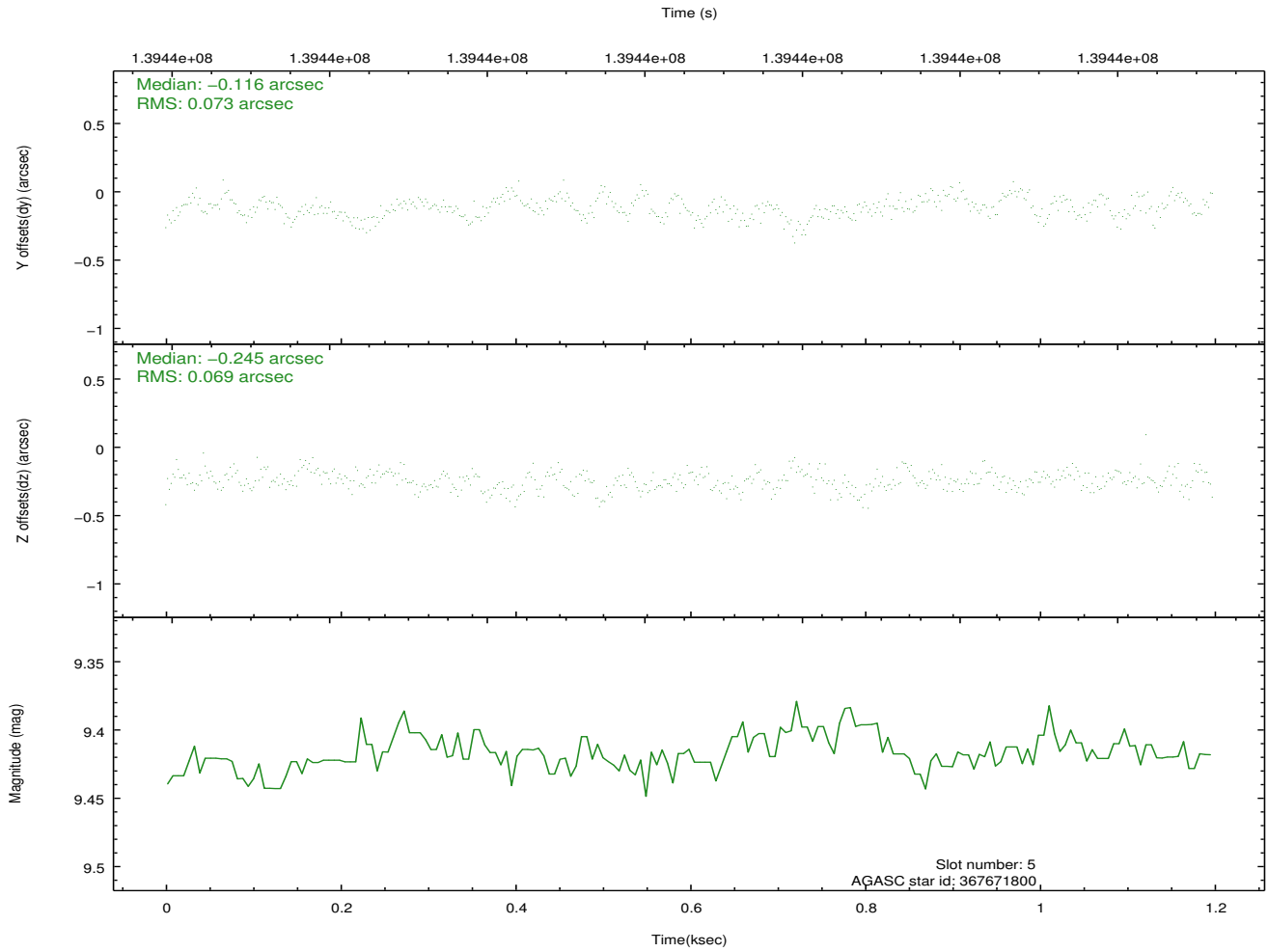
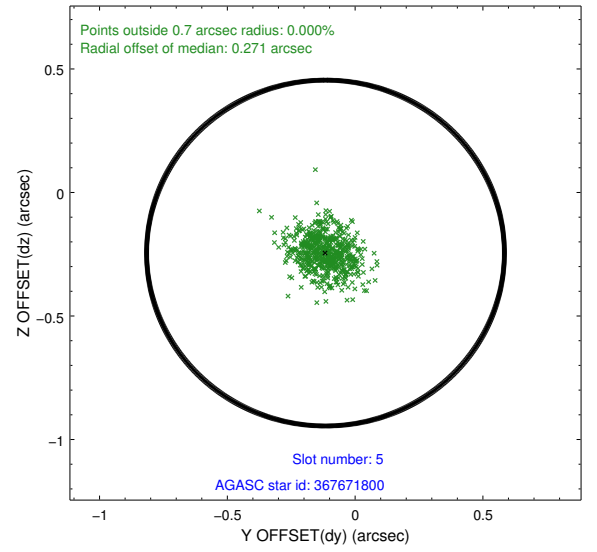
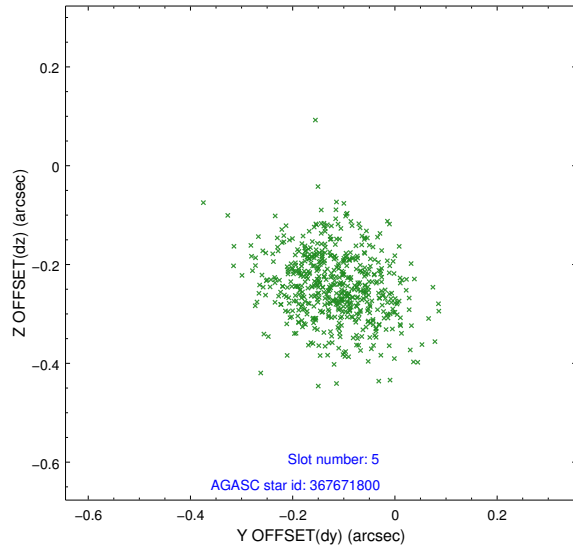
2.4.1 Slot 3



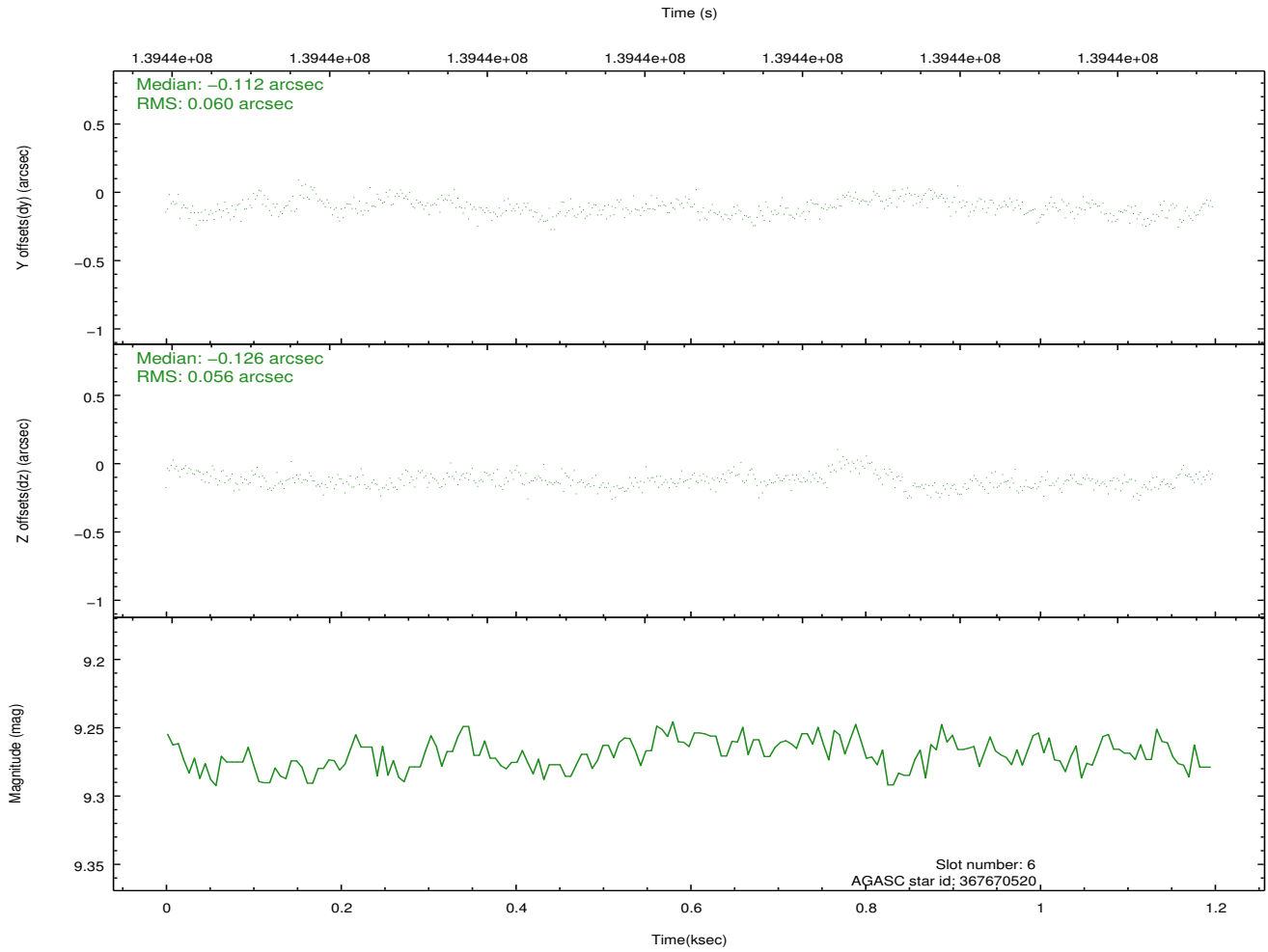
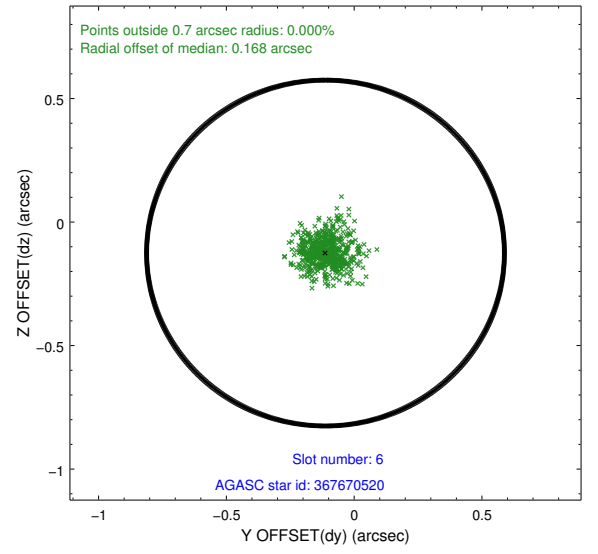
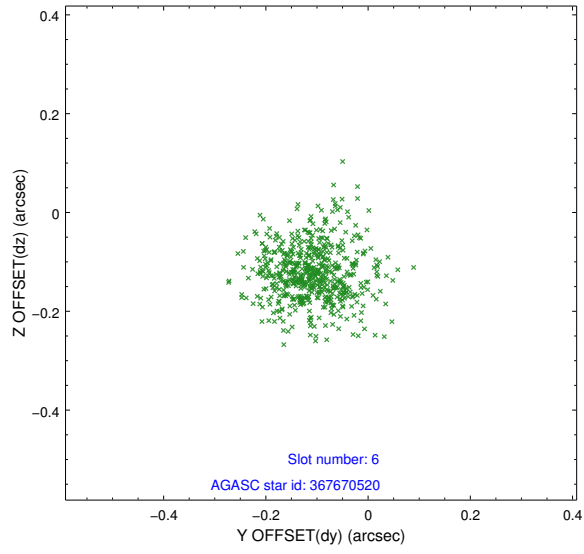
2.4.2 Slot 4



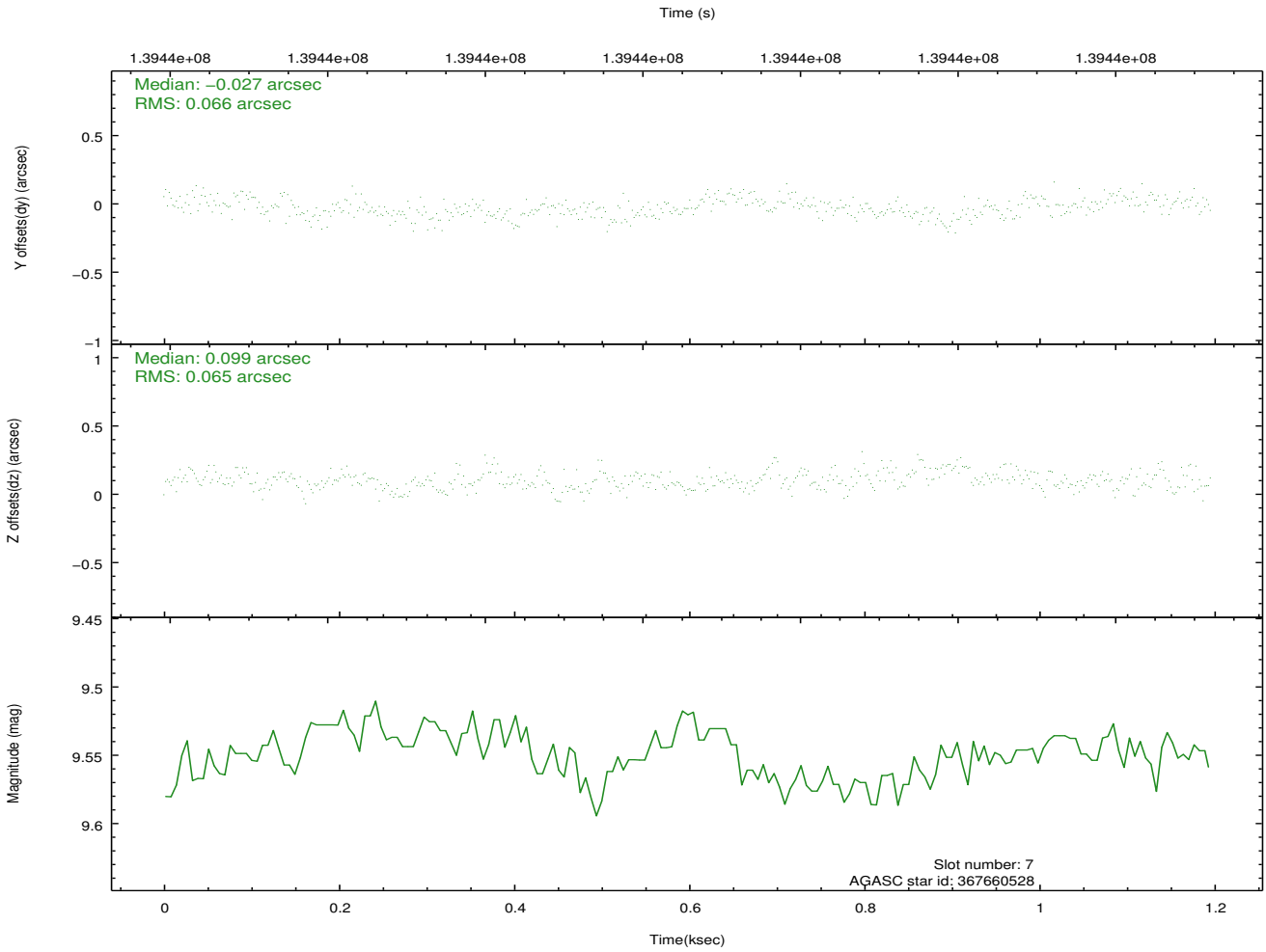
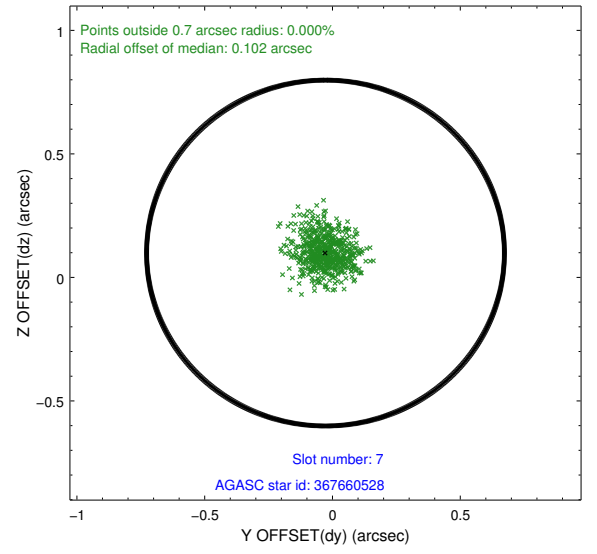
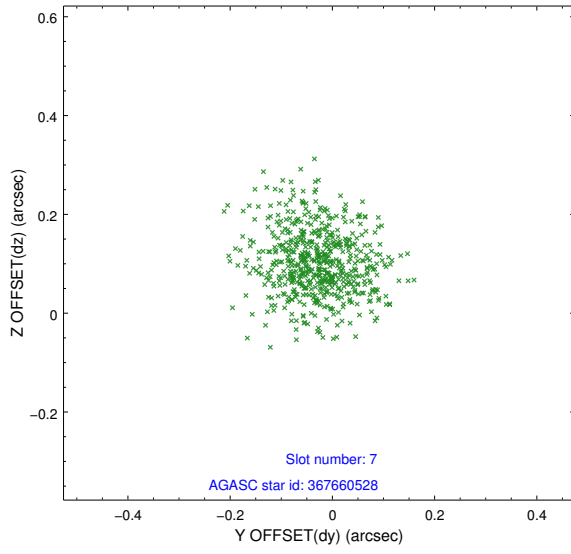
2.4.3 Slot 5



2.4.4 Slot 6

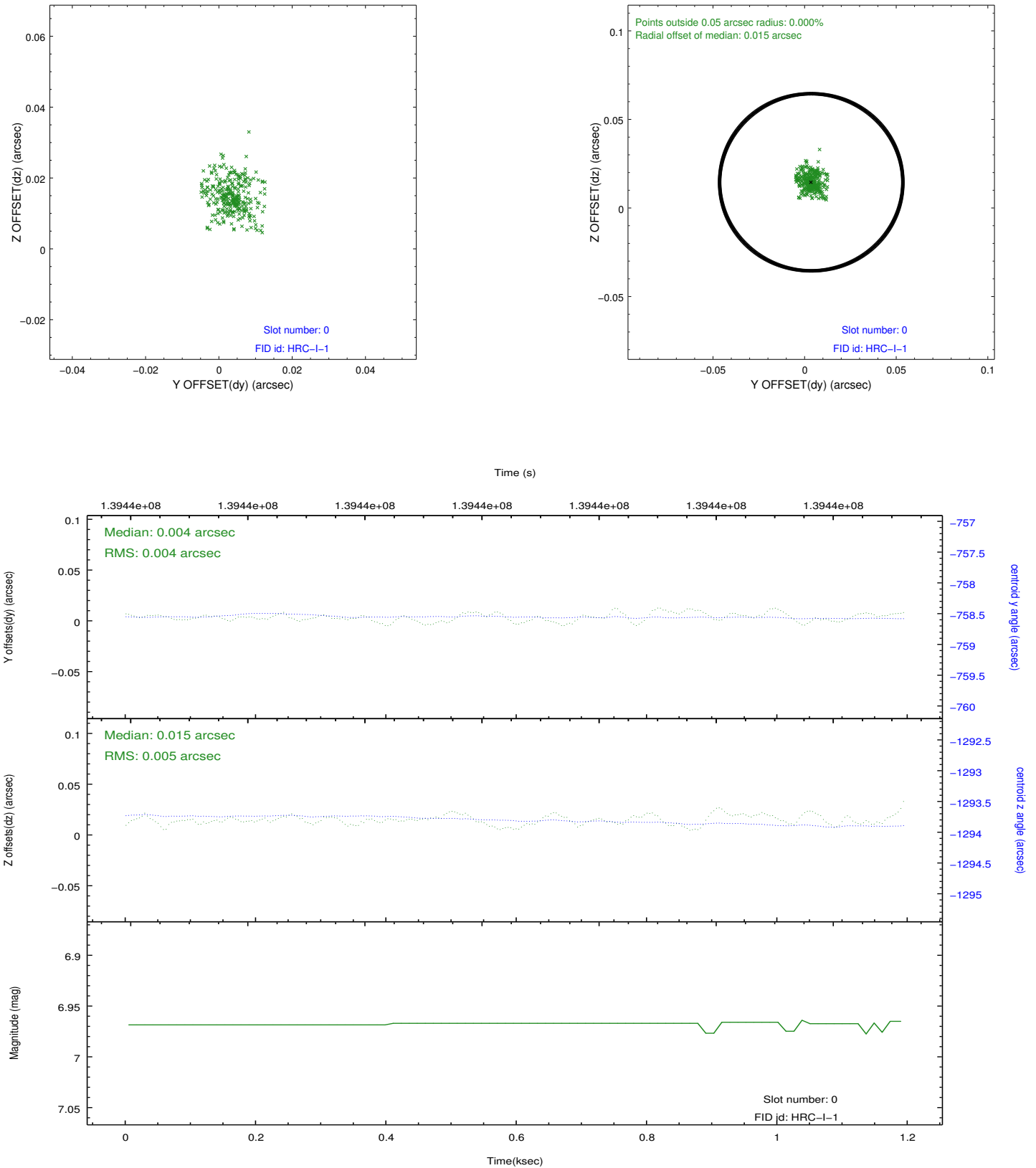


2.4.5 Slot 7

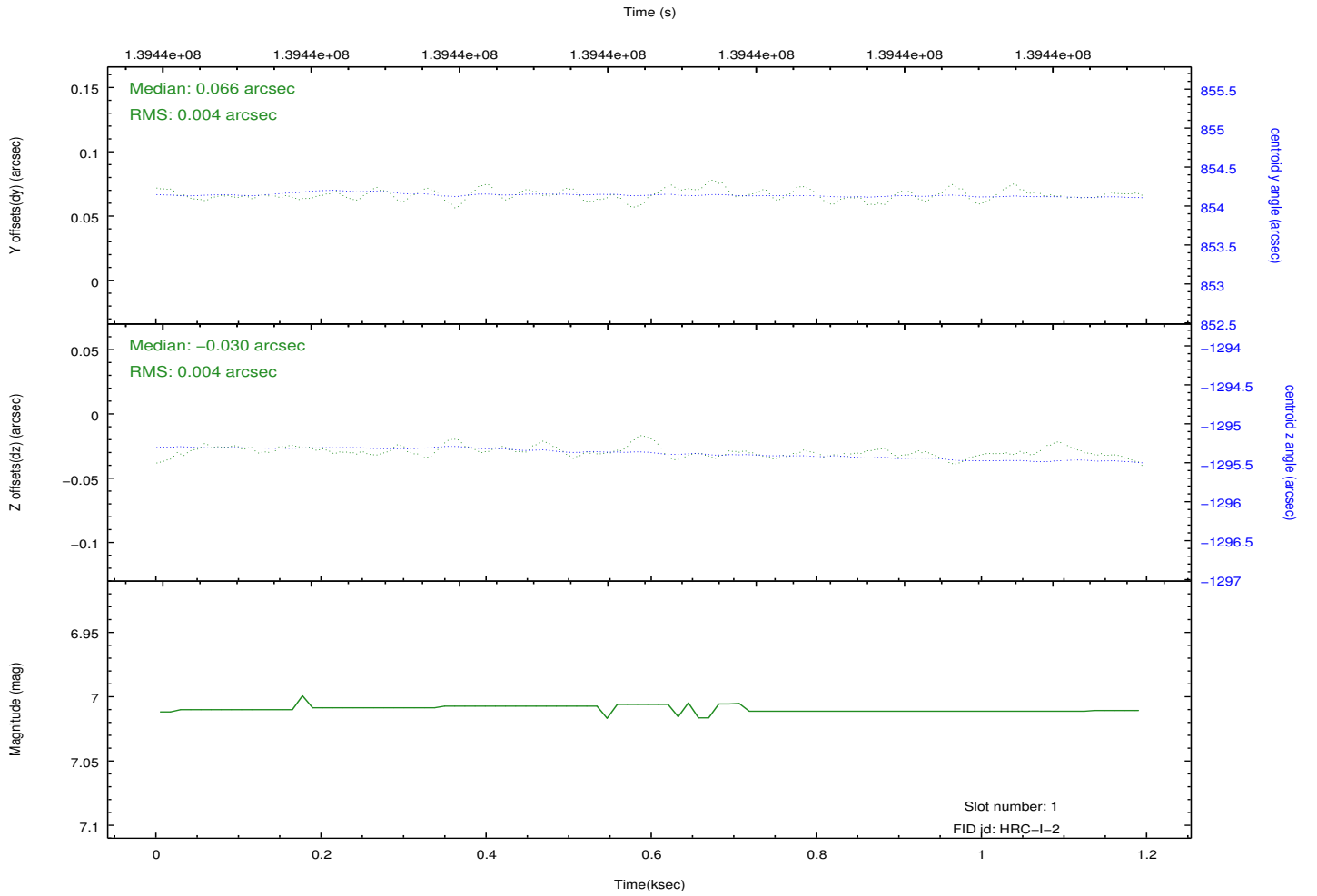
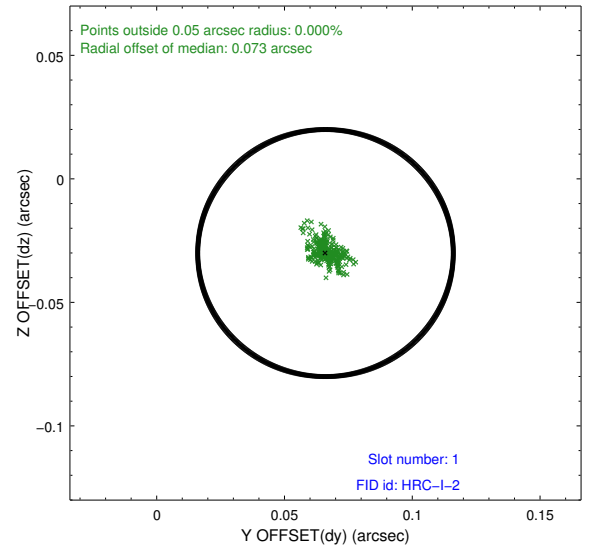
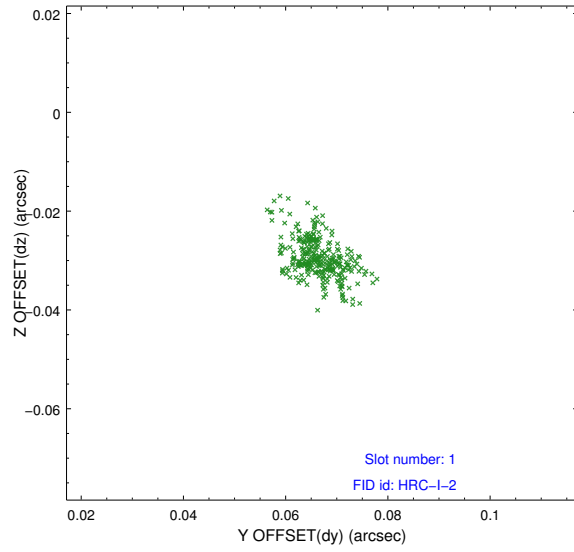


2.5 FID Slots

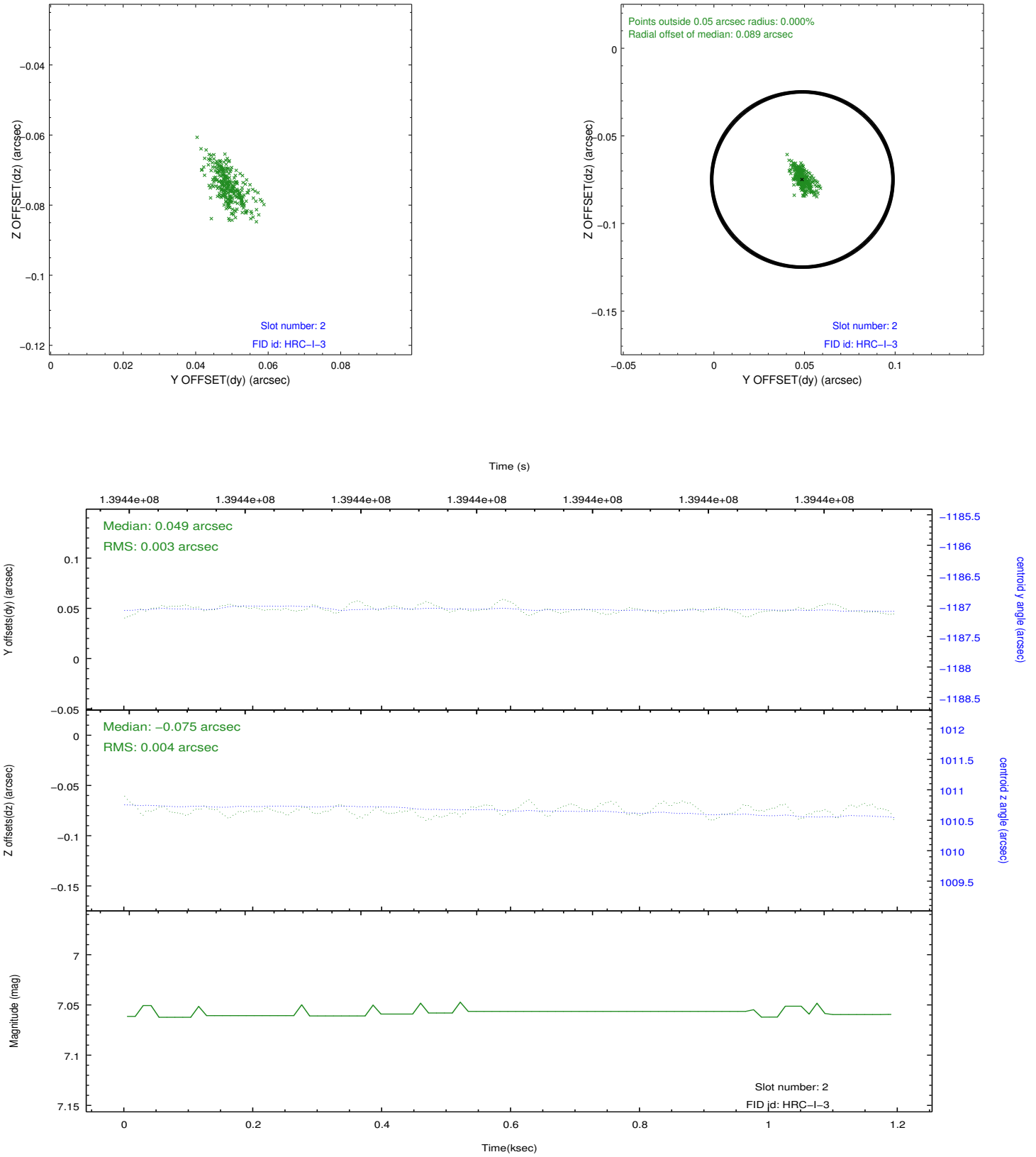
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.195

A.2 Comments

Window preference was not met.