

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13420 - L2 Version 3
Chandra X-Ray Center

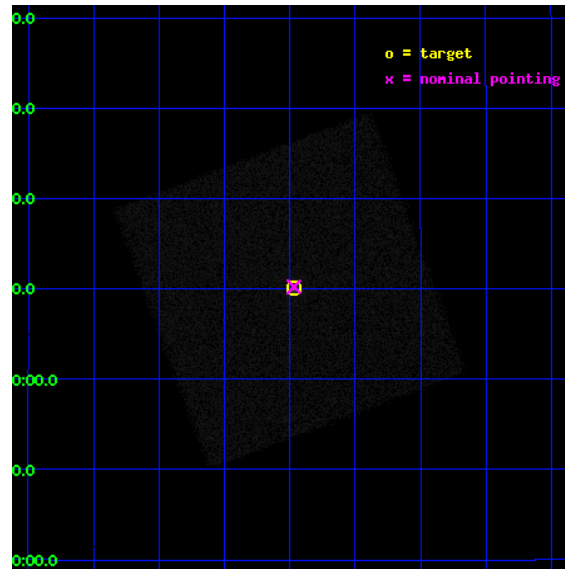
L2 Processing Date : Jul 27 2012

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1 Front

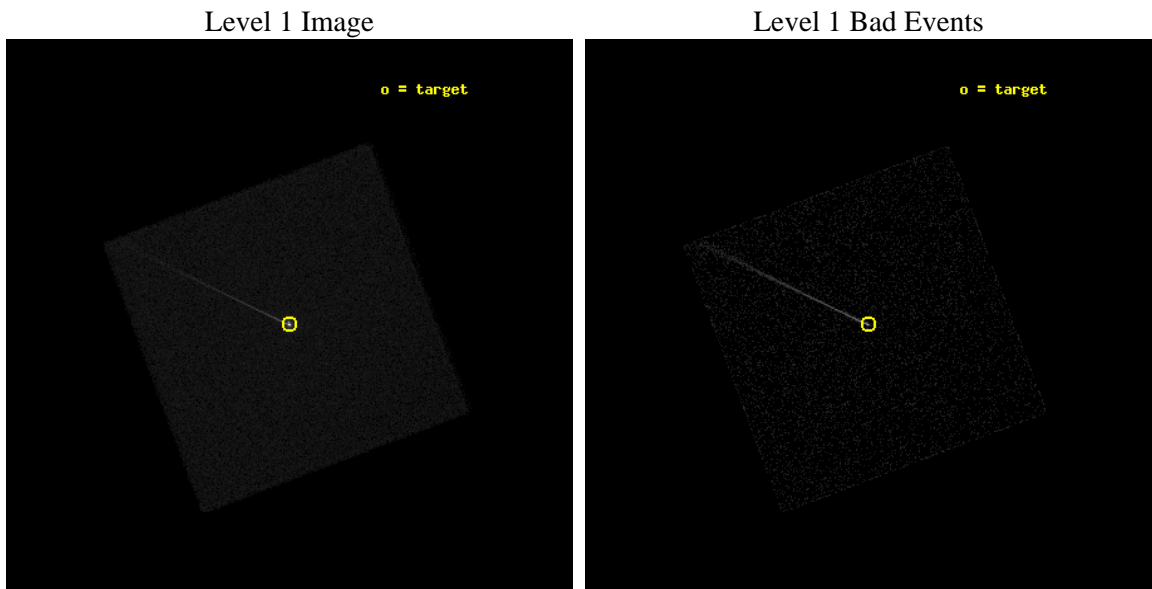
seq_num	401300	Sequence number
obs_id	13420	Observation id
title	Which M15 Source Is Now in Outburst?	Proposal title
observer	Prof. Gregory Sivakoff	Principal investigator
object	M15 X-2	Source name
ra_targ	322.492083	Observer's specified target RA [deg]
dec_targ	12.167389	Observer's specified target Dec [deg]
ra_nom	322.49219923635	Nominal RA [deg]
dec_nom	12.170712356623	Nominal Dec [deg]
roll_nom	114.49964528604	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1530.5813294053	[s]
livetime	1449.045527325	Ontime multiplied by DTCOR
l2events	224832	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	1400.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1530.5813294053	[s]
caldbver	4.5.1	 	l1events	368669	Number of level 1 events
date	2012-07-27T23:17:44	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

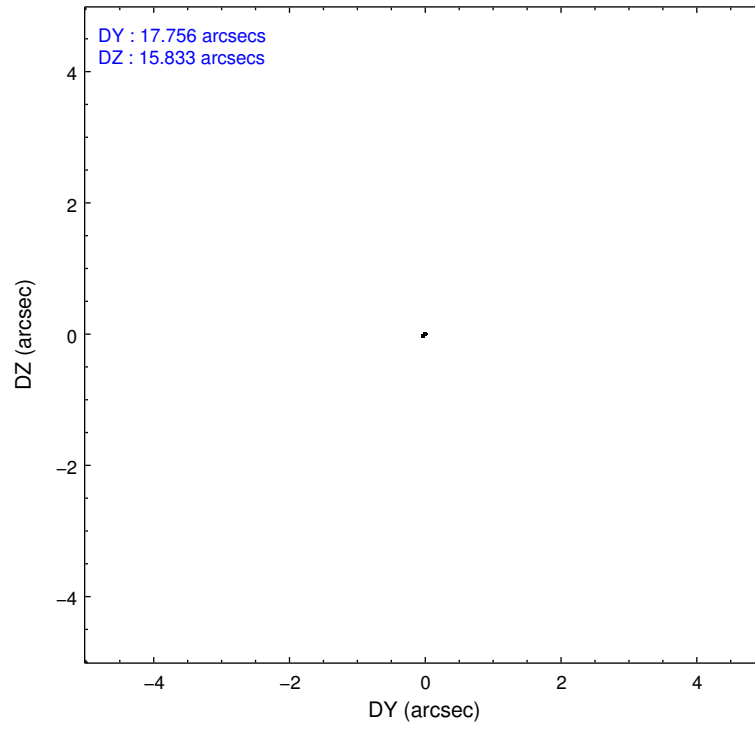
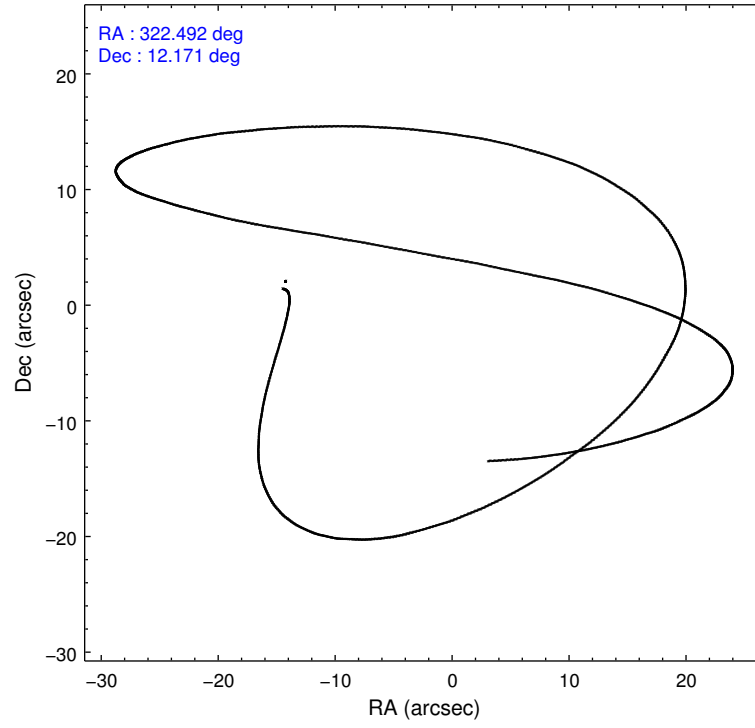
Level 1 Events

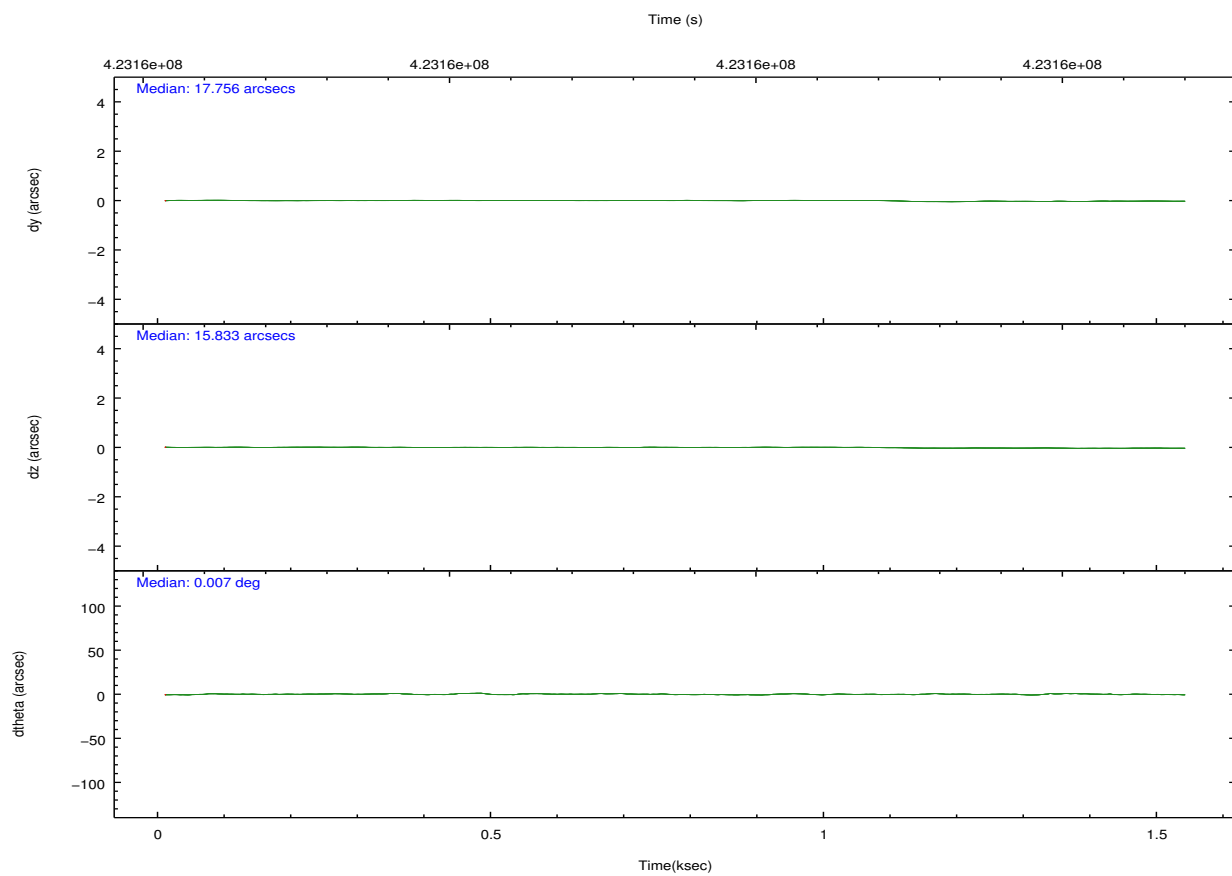
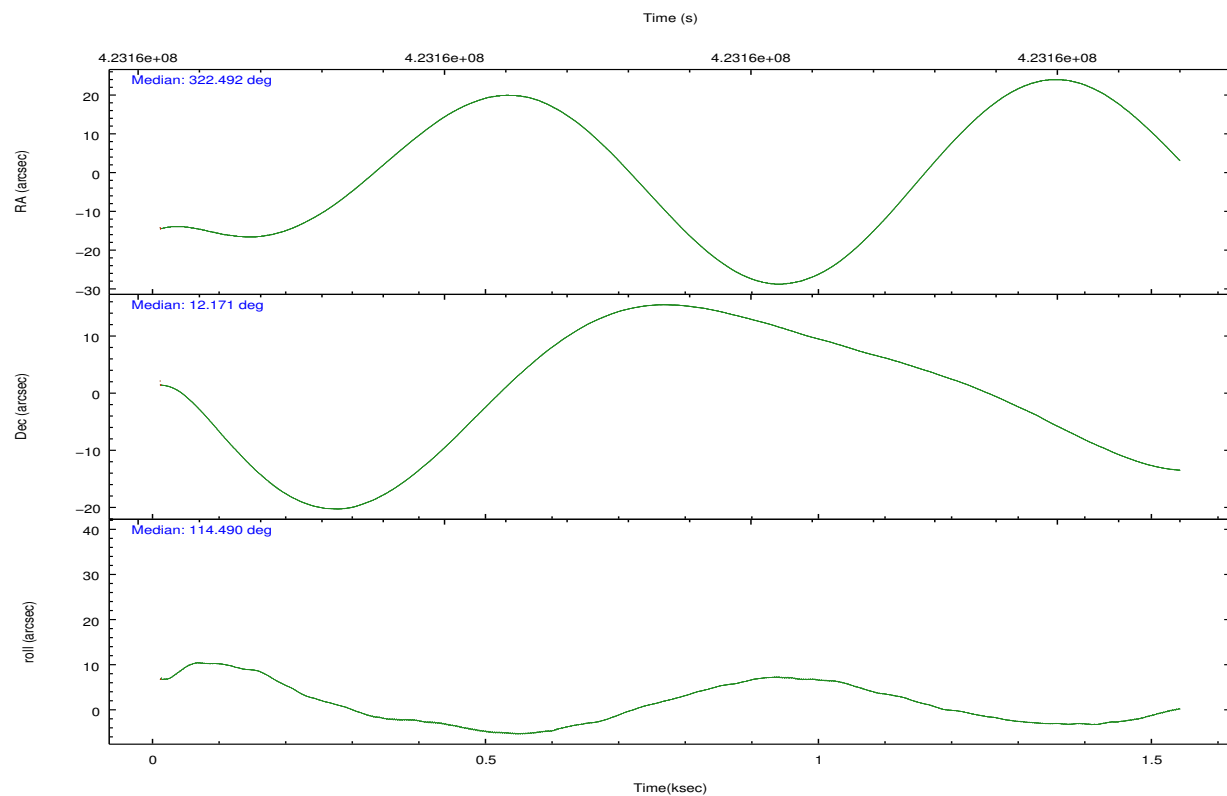
	segment 0
level 1 events	368669
rejected events	95066
rejected %	25%

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	322.514891	322.4921992363527			
[deg] Pointing Dec	12.156331	12.17071235662333			
[deg] Pointing Roll	114.590367	114.4996452860423			
[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)	423161743.184000	423160598.41773			
Observation start date	2011-05-30T16:54:37	2011-05-30T16:36:38			
[s] Observation end time (MET)	423163143.184000	423163816.9179			
Observation end date	2011-05-30T17:17:57	2011-05-30T17:30:16			

2.3 Aspect



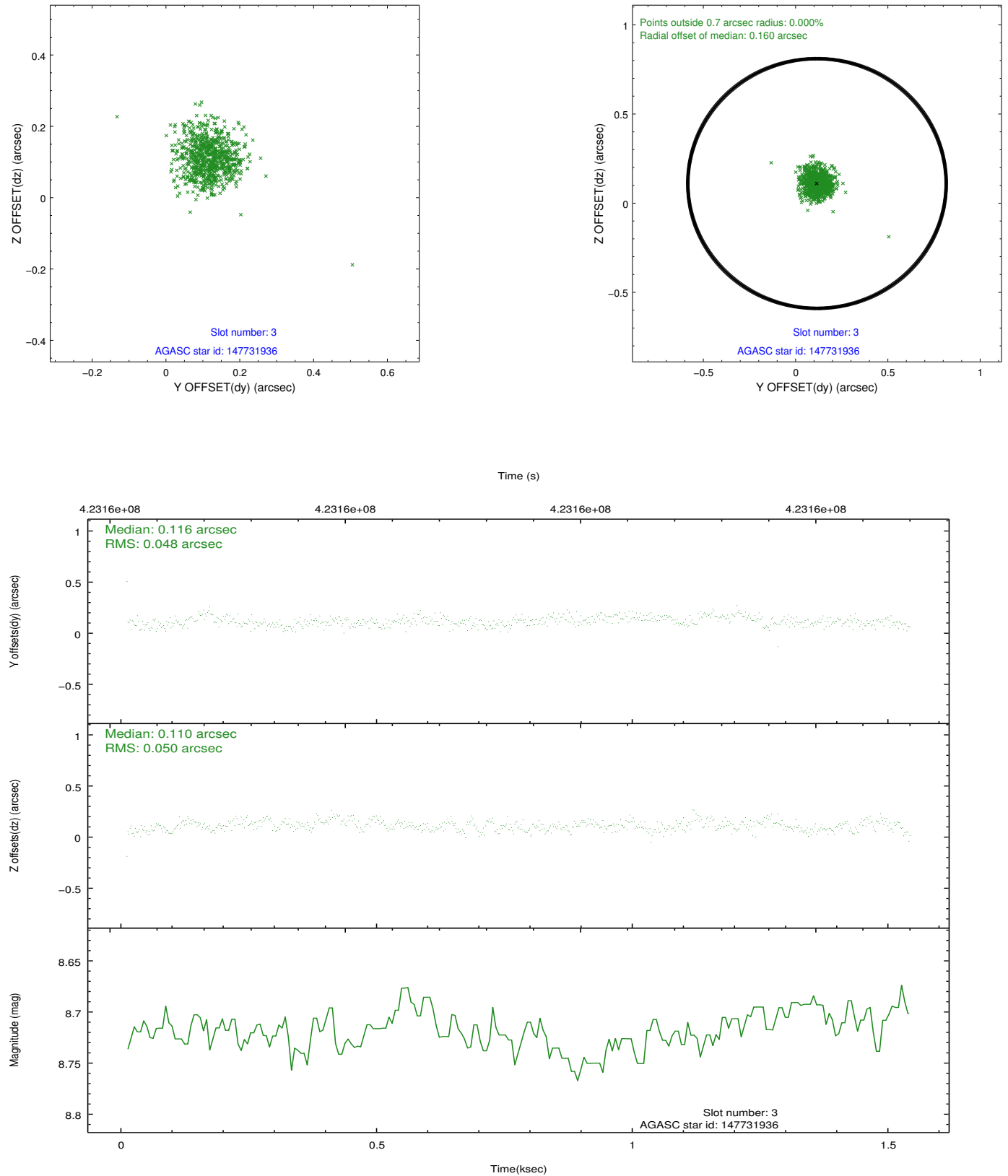


Slot Statistics

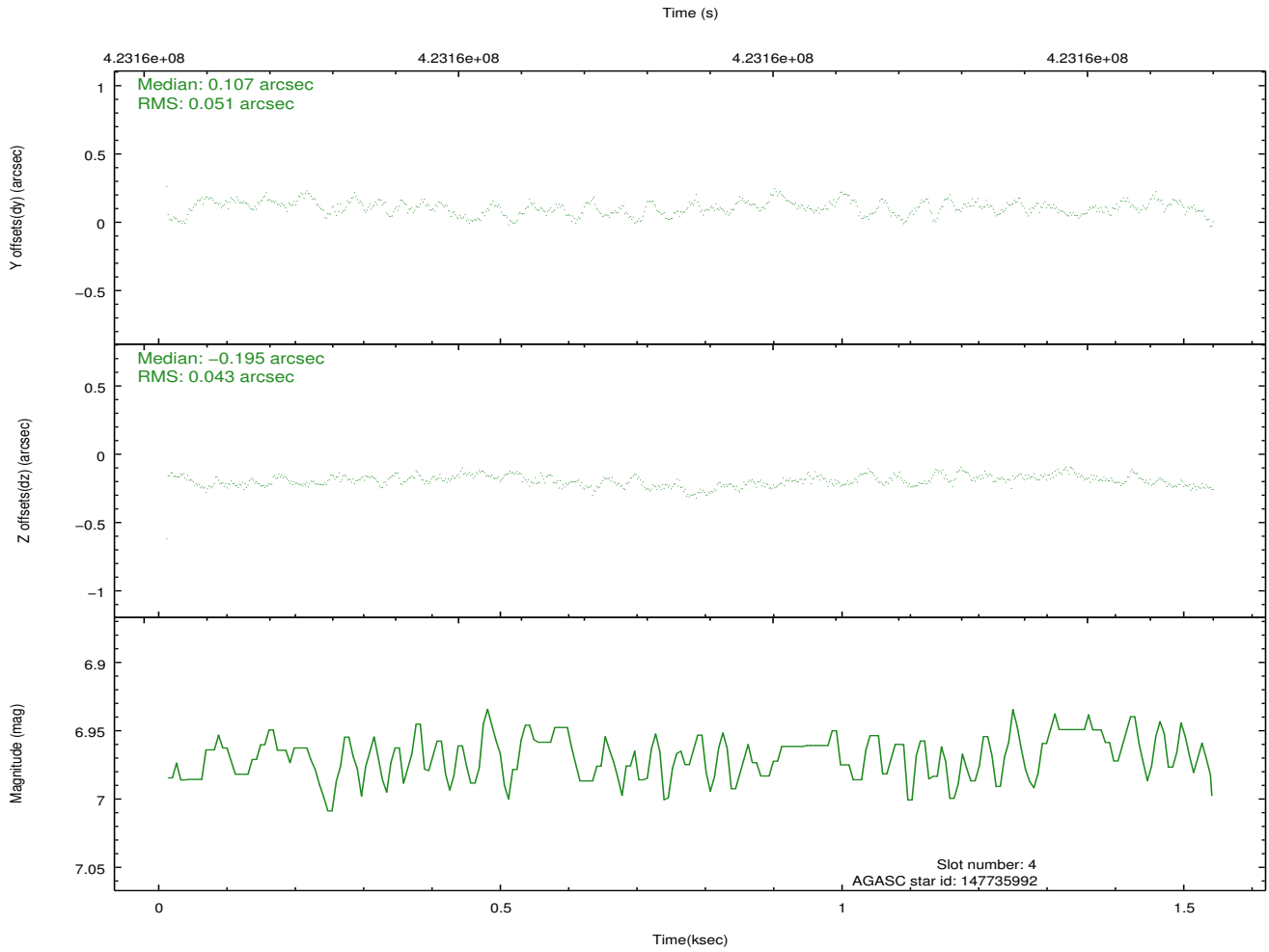
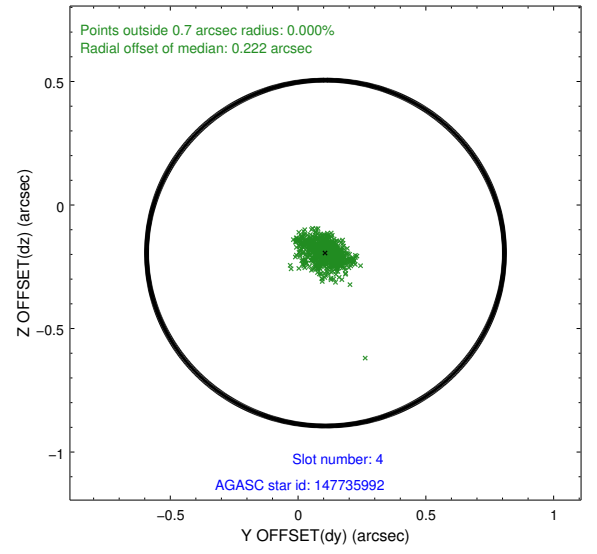
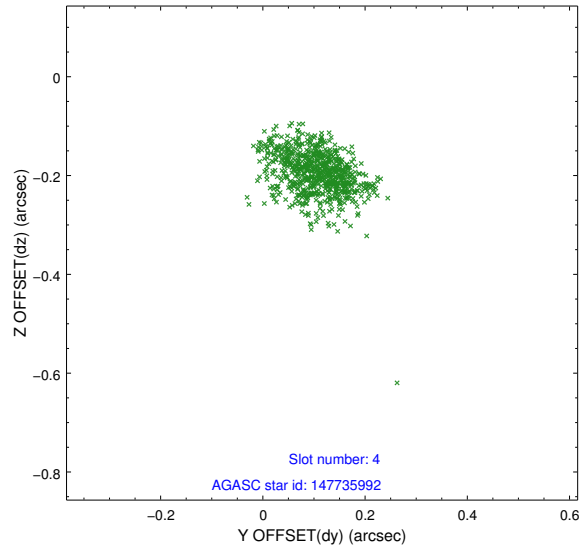
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.96	374	0.088	-0.058	0.006	0.011	0.000000	0.000000	839.13	-1305.59
1	FID	HRC-I-3	7.01	374	-0.129	0.021	0.005	0.009	0.000000	0.000000	-1200.02	997.08
2	FID	HRC-I-4	6.92	374	0.159	-0.050	0.007	0.012	0.000000	0.000000	1266.10	1000.83
3	GUIDE	147731936	8.72	748	0.116	0.110	0.072	0.112	322.421133	12.450297	1103.37	-140.63
4	GUIDE	147735992	6.97	748	0.107	-0.195	0.067	0.113	322.299566	11.952911	-345.80	993.22
5	GUIDE	147735328	8.64	748	0.011	-0.409	0.088	0.132	321.823462	12.214663	1209.07	2124.40
6	GUIDE	147722152	7.55	748	-0.096	0.114	0.061	0.097	322.735072	12.555367	990.05	-1298.55
7	GUIDE	147719608	8.72	747	-0.127	0.379	0.091	0.149	322.898936	12.907459	1904.29	-2352.40

2.4 Star Slots

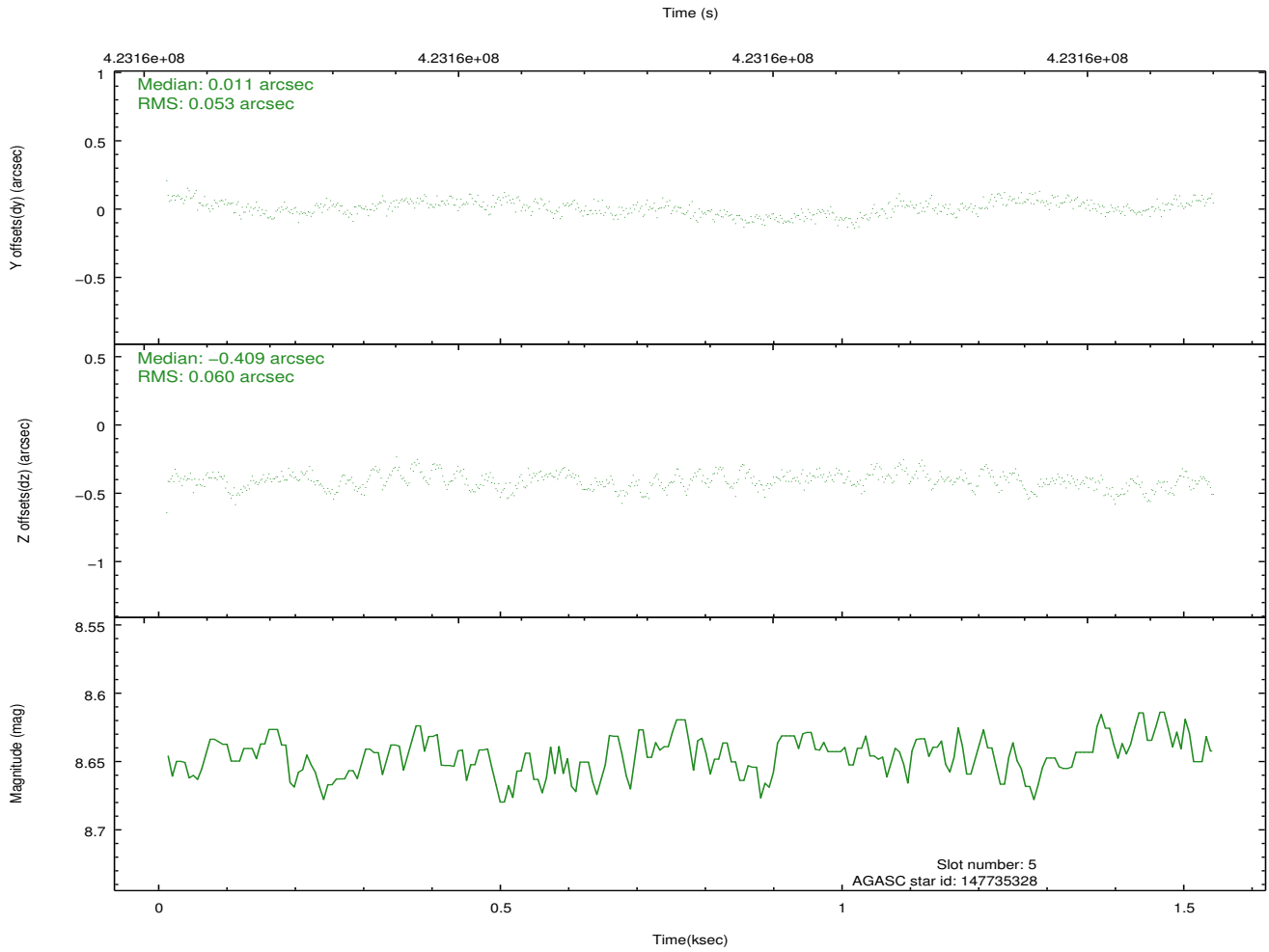
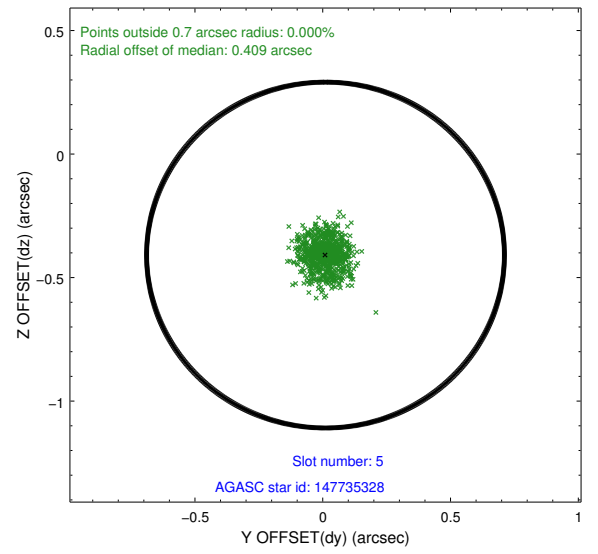
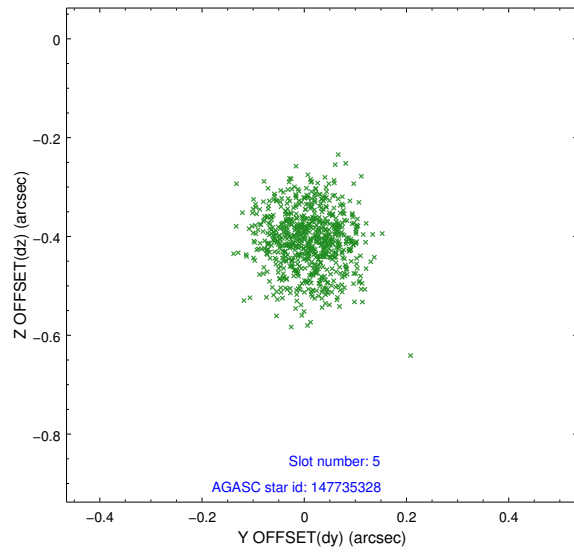
2.4.1 Slot 3



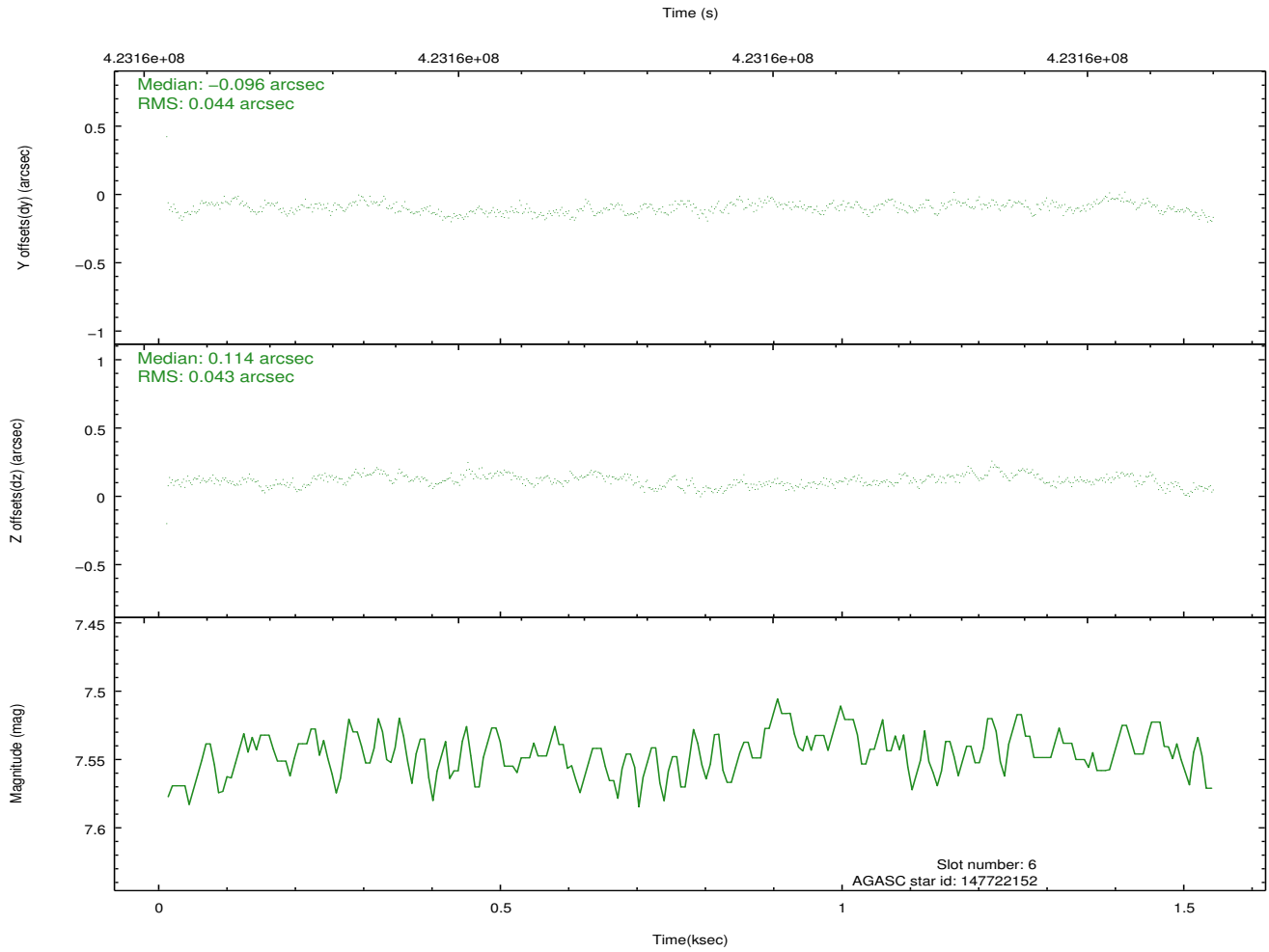
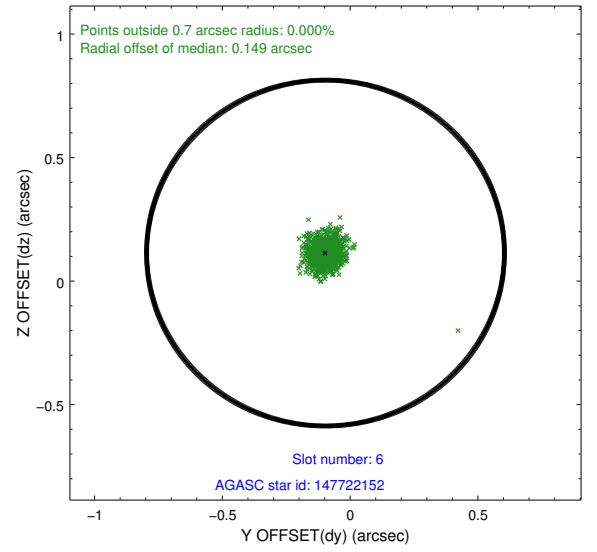
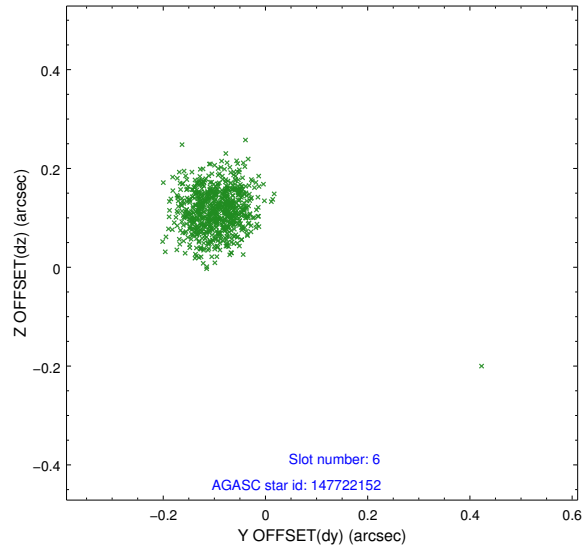
2.4.2 Slot 4



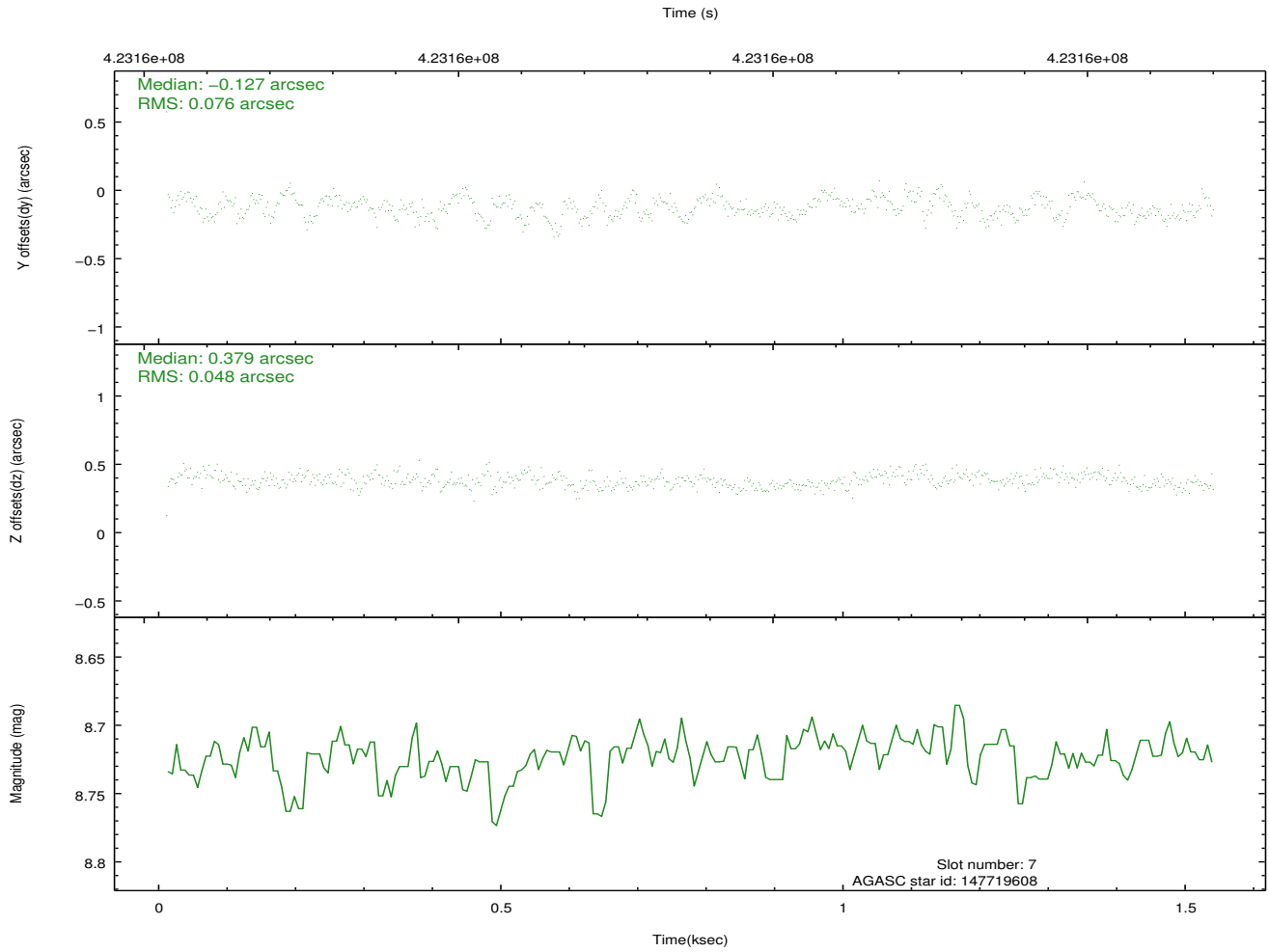
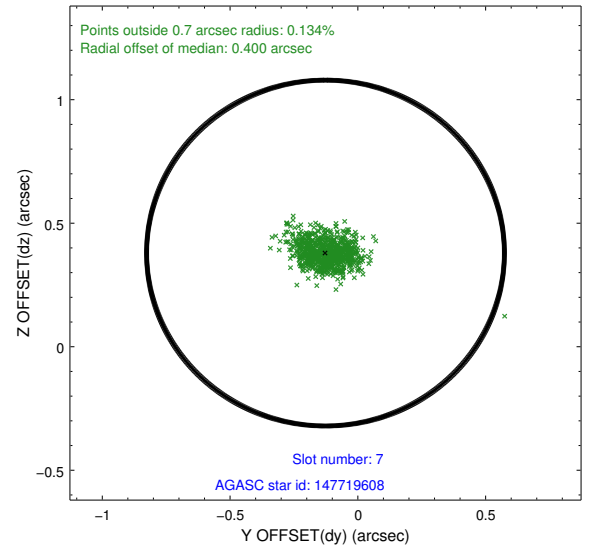
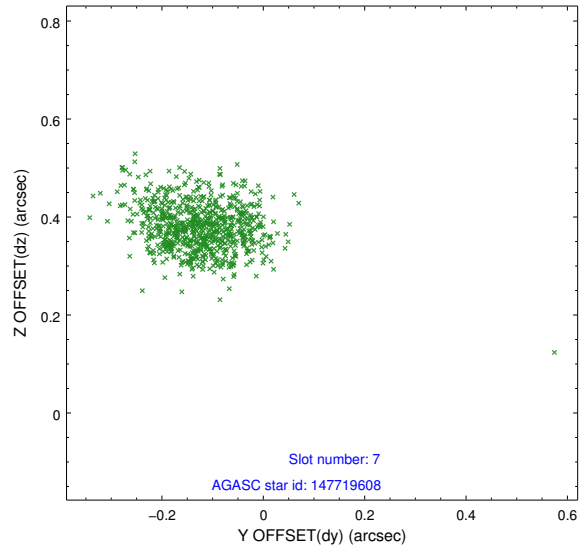
2.4.3 Slot 5



2.4.4 Slot 6

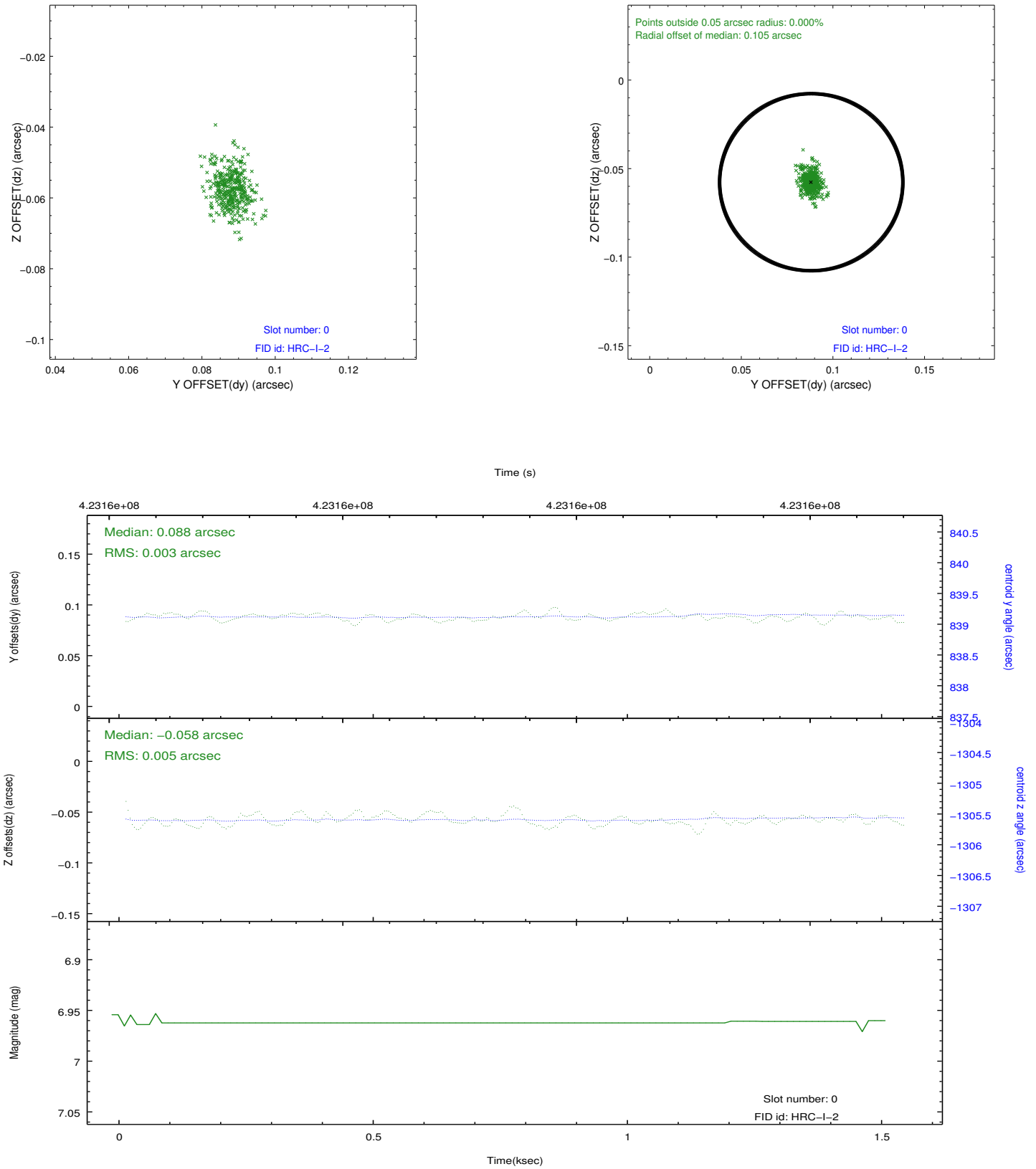


2.4.5 Slot 7

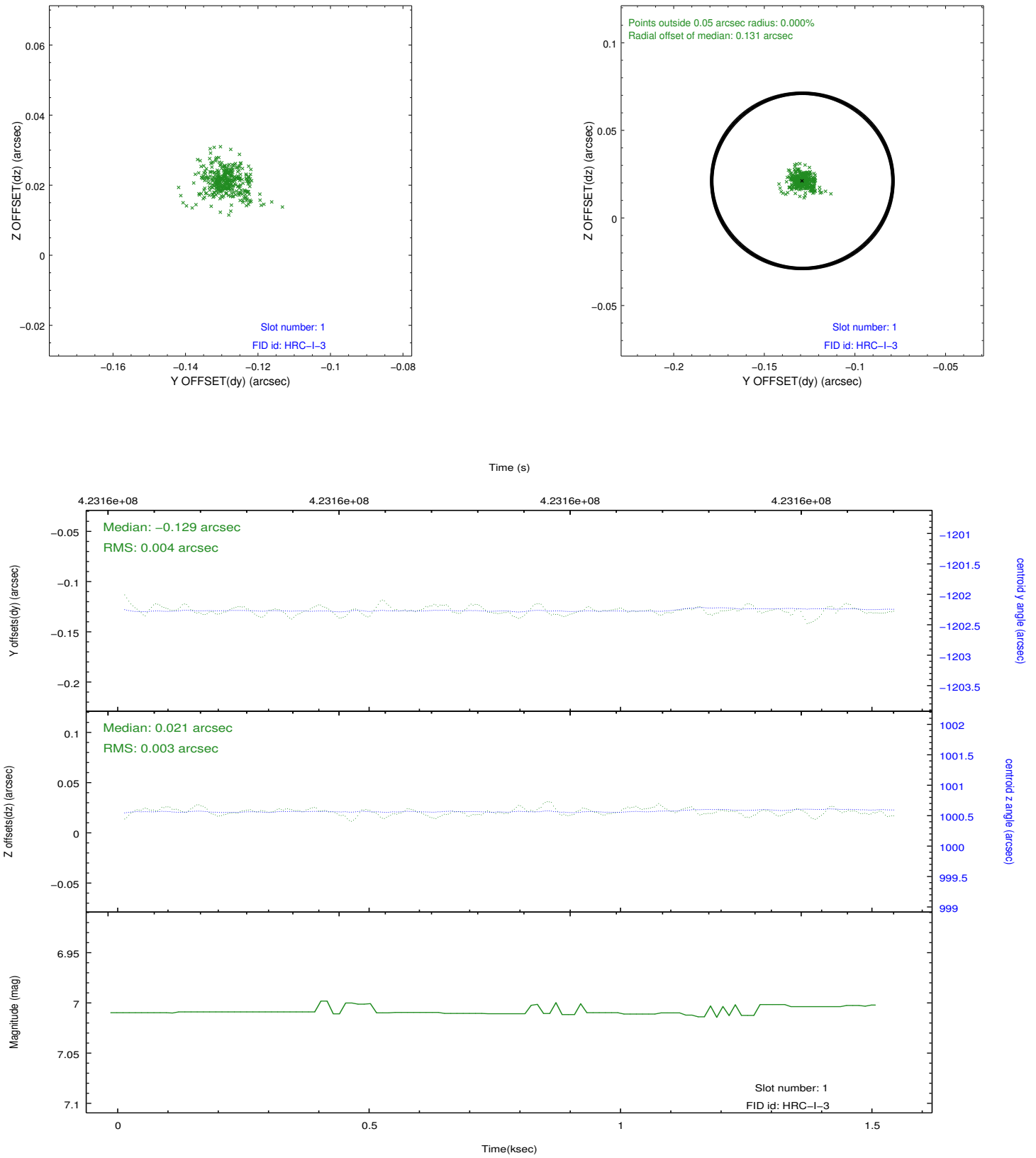


2.5 FID Slots

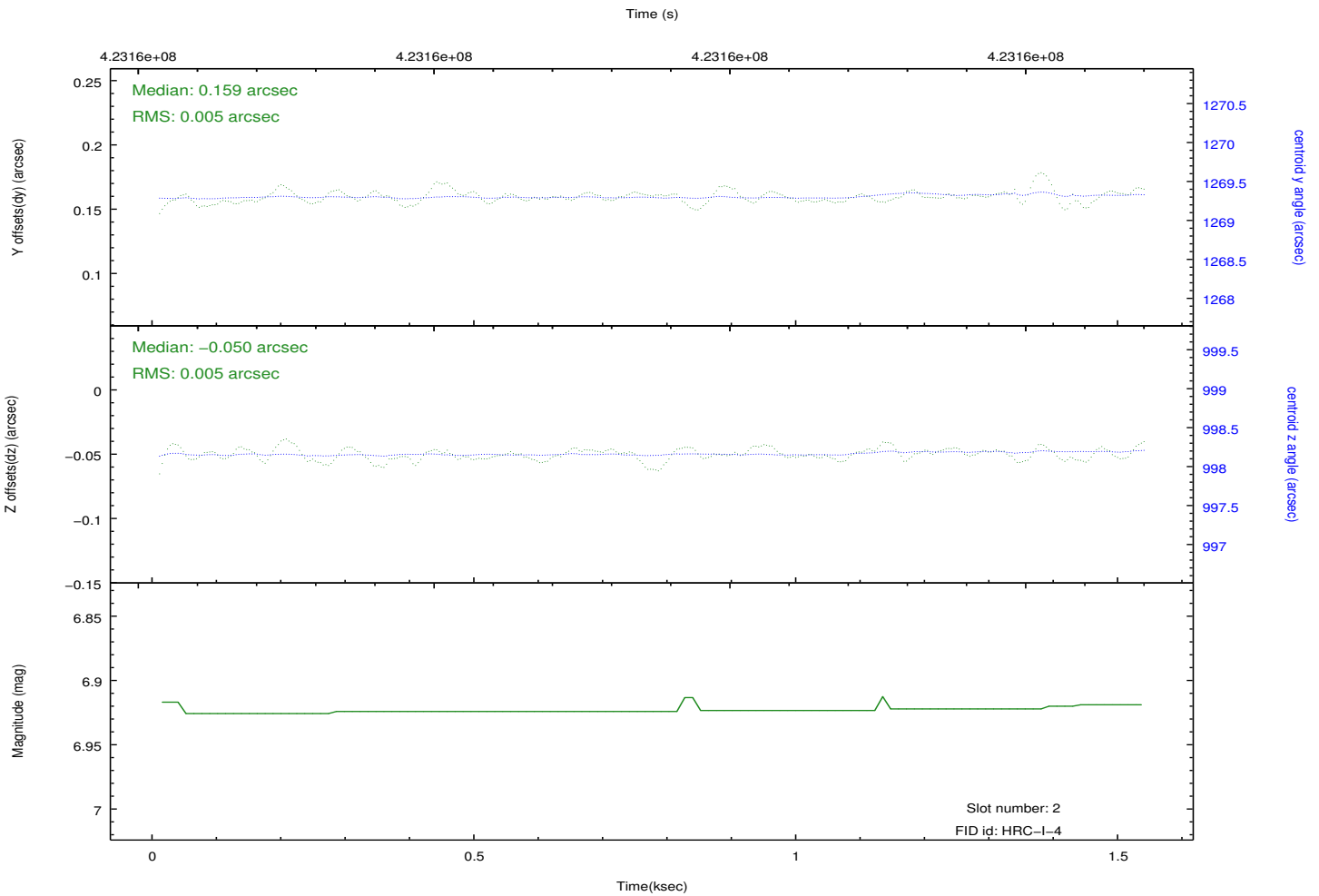
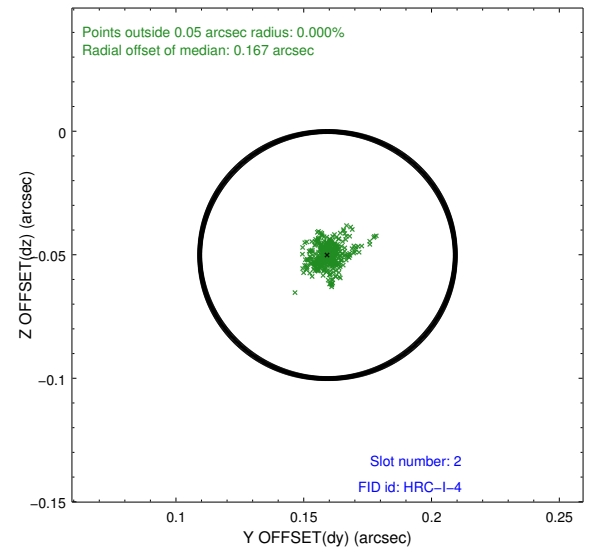
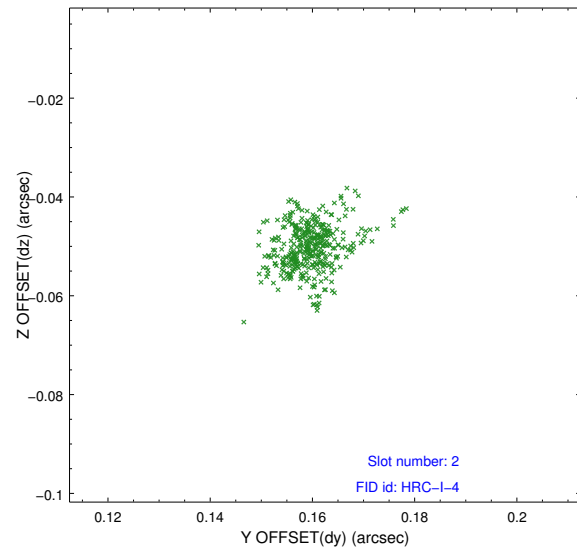
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5305813295245

A.2 Comments