

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 293 - L2 Version 5

Chandra X-Ray Center

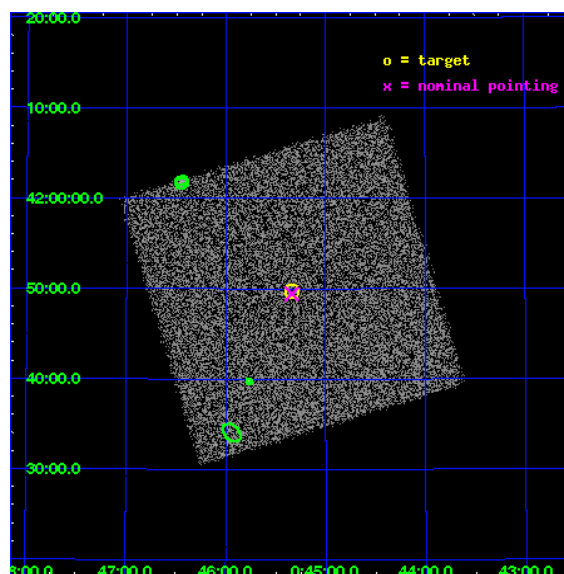
L2 Processing Date : Dec 4 2009

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1 Front

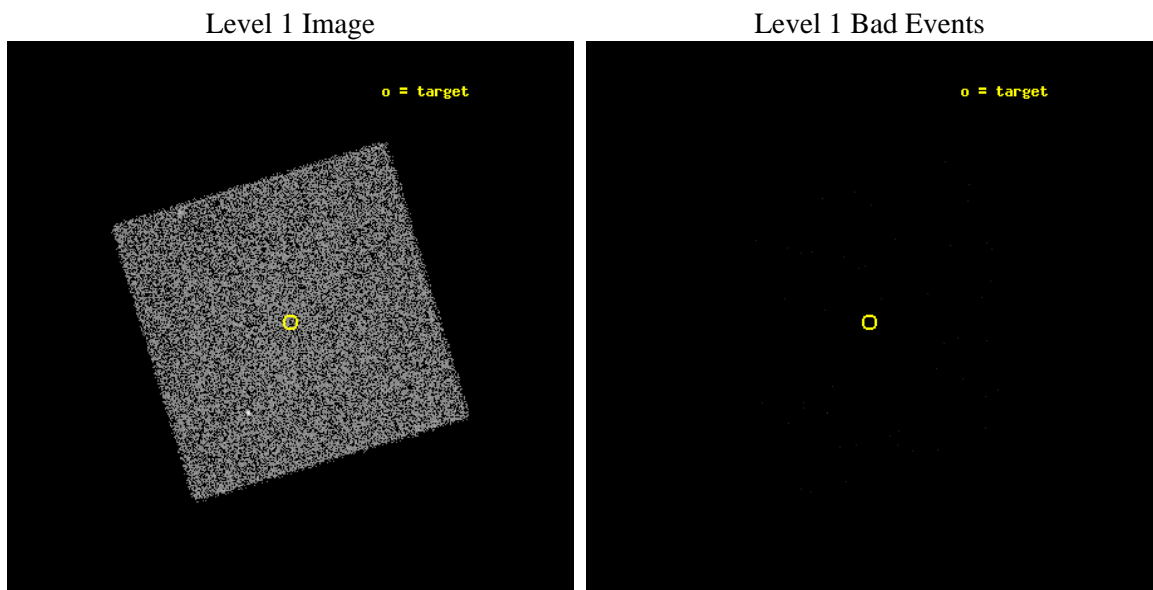
seq_num	600053	Sequence number
obs_id	293	Observation id
title	MONITORING M31	Proposal title
observer	Dr Steve Murray	Principal investigator
object	M31 - North 2	Source name
ra_targ	11.333333	Observer's specified target RA
dec_targ	41.829722	Observer's specified target Dec
ra_nom	11.33461694743	Nominal RA
dec_nom	41.824156749483	Nominal Dec
roll_nom	298.14284728453	Nominal Roll
revision	5	Processing version of data
ontime	1213.856294103	[s]
livetime	1206.4847214049	Ontime multiplied by DTCOR
l2events	35336	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	Scheduled observation exposure time
ascdsver	8.1.2	Processing system revision	ontime	1213.856294103	[s]
caldbver	4.1.4	 	l1events	56770	Number of level 1 events
date	2009-12-05T02:49:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

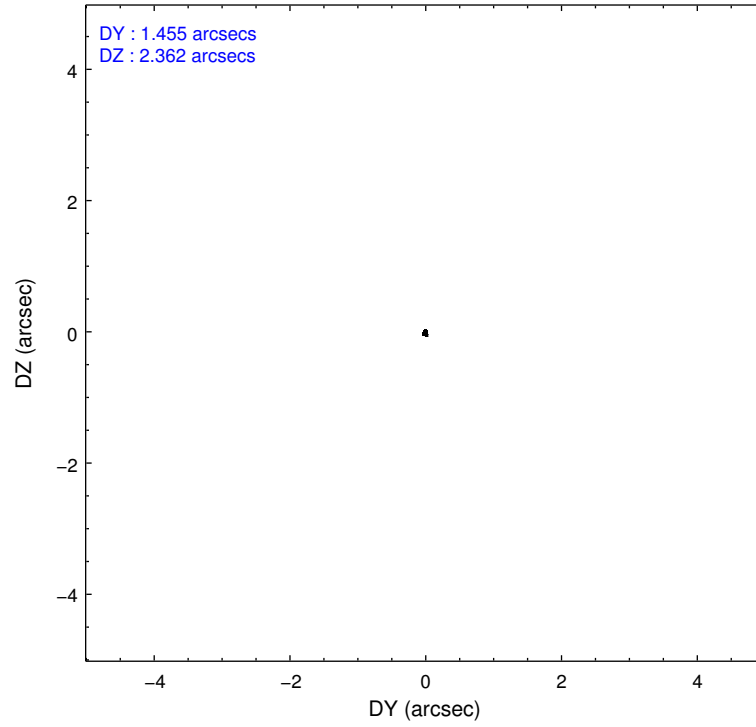
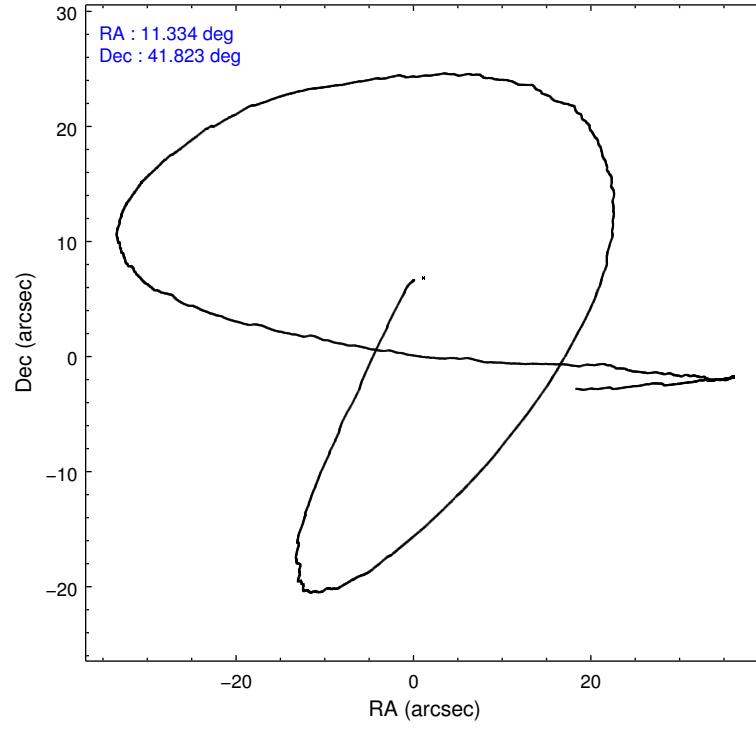
Level 1 Events

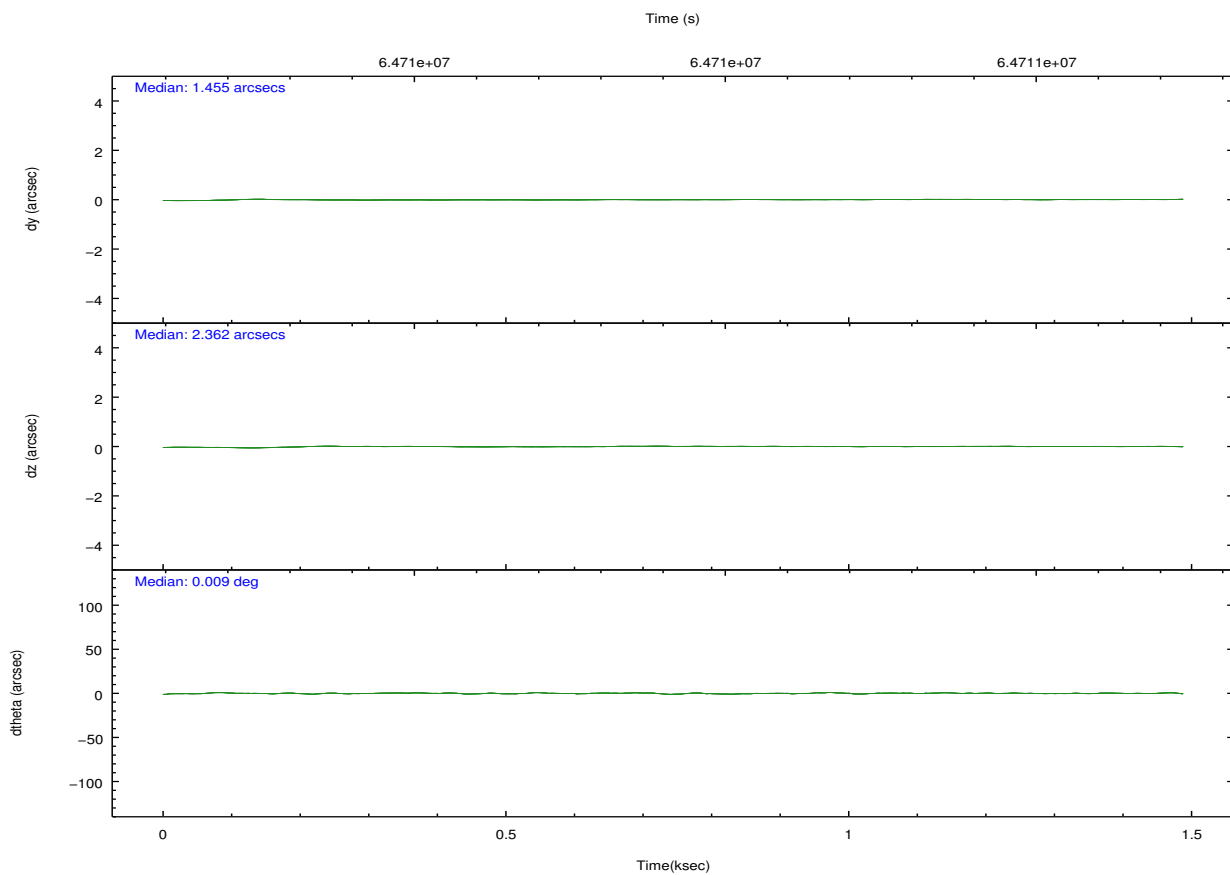
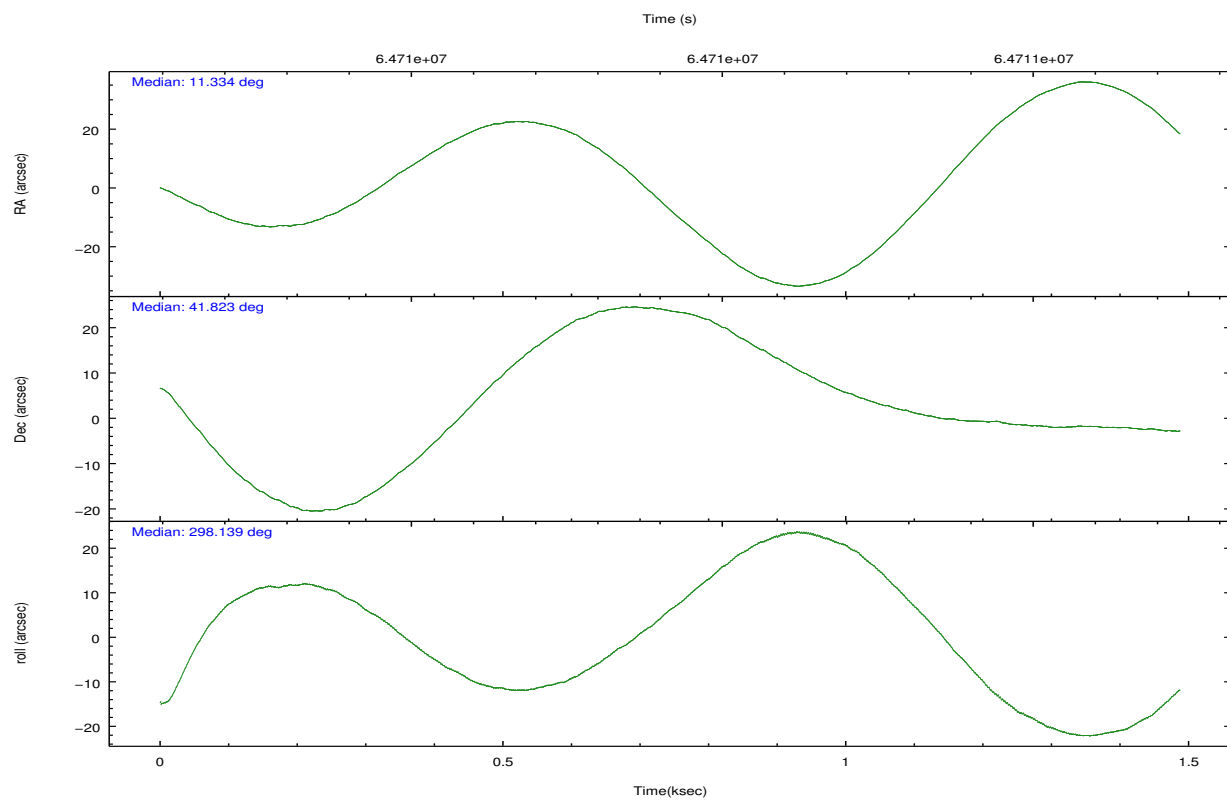
	segment 0
level 1 events	56770
rejected events	2330
rejected %	4%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	11.302528	11.33461694743027			
Pointing Dec	41.839340	41.82415674948259			
Pointing Roll	298.259847	298.1428472845279			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	64710159.184000	64709493.382332			
Observation start date	2000-01-19T23:01:35	2000-01-19T22:51:33			
Observation end time	64711159.184000	64712304.444934			
Observation end date	2000-01-19T23:18:15	2000-01-19T23:38:24			

2.3 Aspect



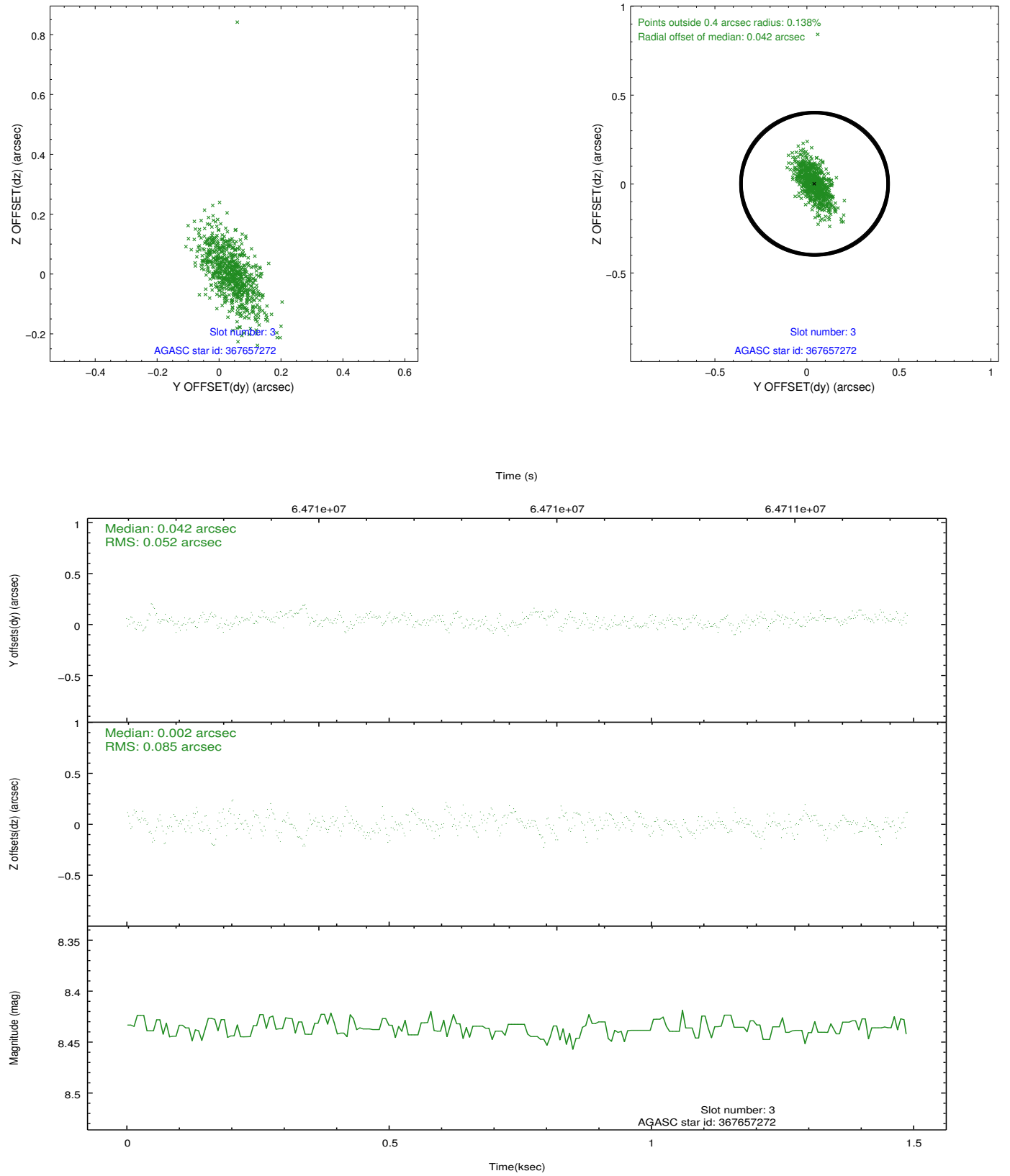


Slot Statistics

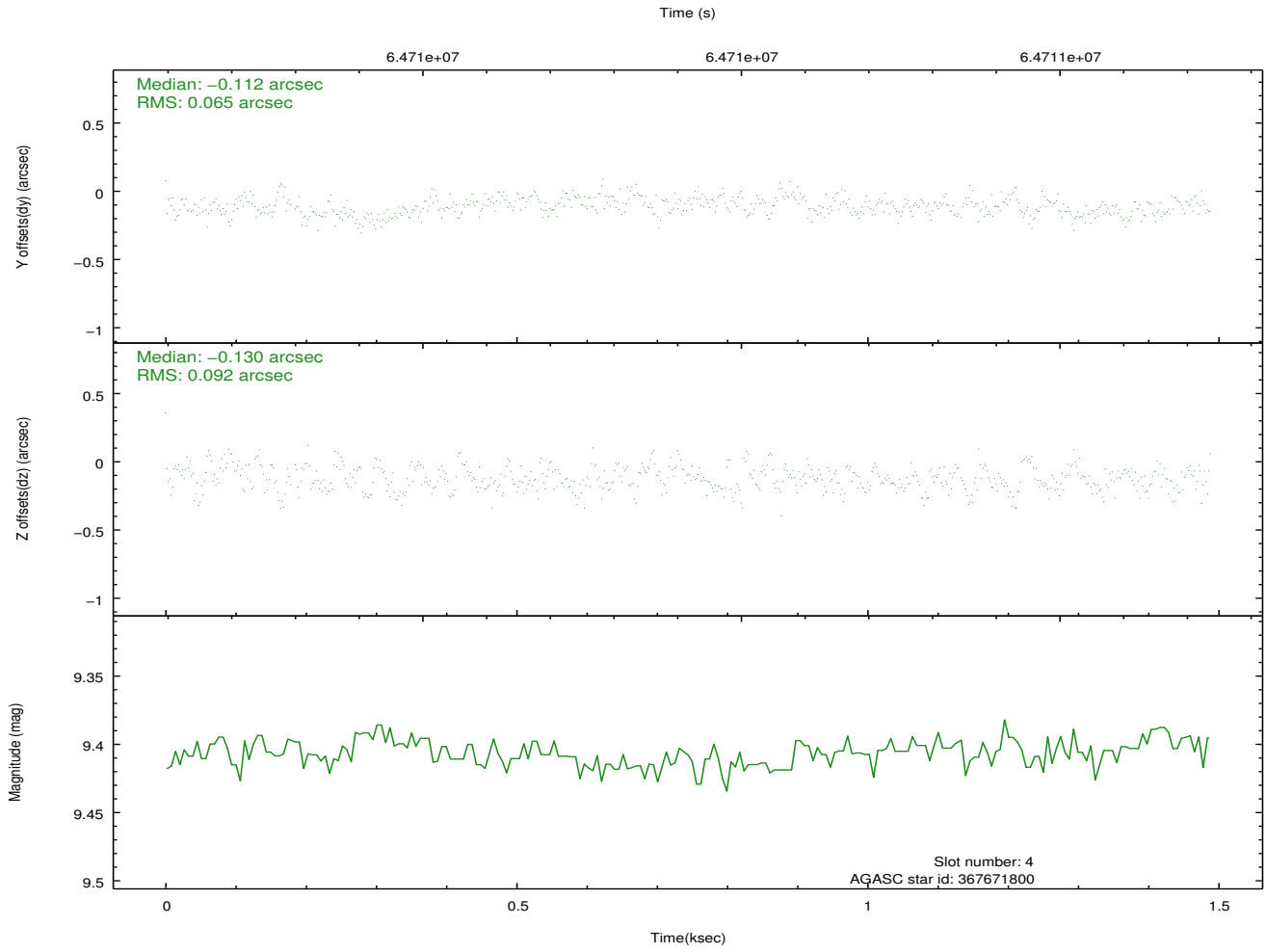
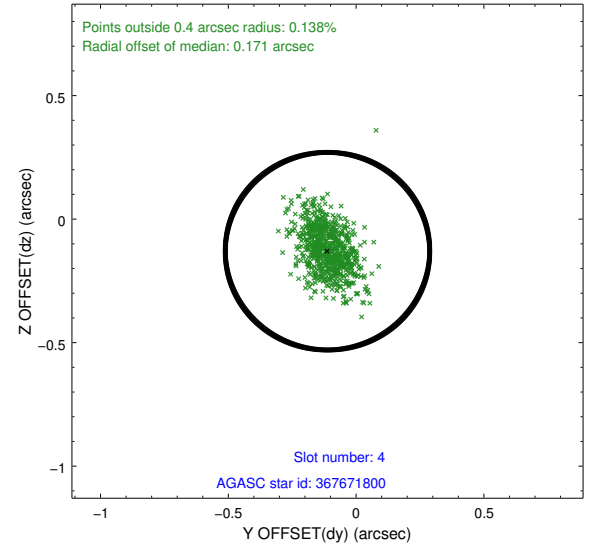
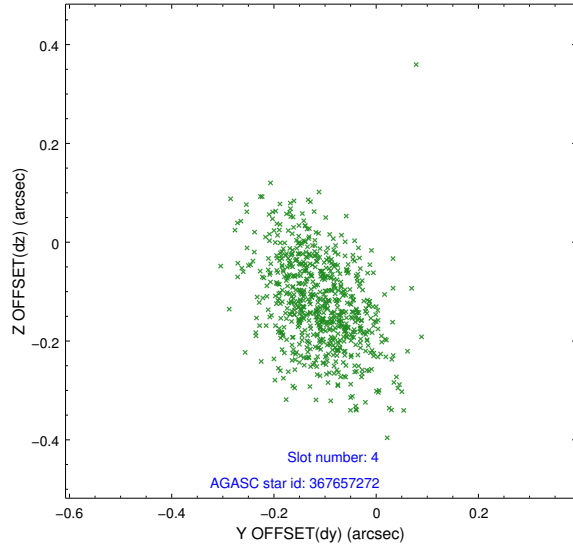
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.93	363	0.057	-0.009	0.005	0.008	0.000000	0.000000	-756.85	-1290.12
1	FID	HRC-I-3	7.02	363	0.042	-0.028	0.006	0.009	0.000000	0.000000	-1187.40	1010.88
2	FID	HRC-I-4	6.96	363	0.015	-0.052	0.005	0.008	0.000000	0.000000	1282.66	1014.76
3	GUIDE	367657272	8.44	725	0.042	0.002	0.096	0.181	11.834471	41.298907	2386.66	347.54
4	GUIDE	367671800	9.41	724	-0.112	-0.130	0.115	0.207	10.554735	41.964935	-1354.72	-1545.52
5	GUIDE	367657896	9.03	727	0.154	-0.047	0.107	0.189	11.197765	41.313576	1526.90	-1148.54
6	GUIDE	367670520	9.26	727	-0.051	0.028	0.116	0.196	11.265516	42.371946	-1737.83	818.66
7	GUIDE	367660528	9.55	724	-0.035	0.138	0.125	0.202	11.676845	42.311657	-1034.62	1684.17

2.4 Star Slots

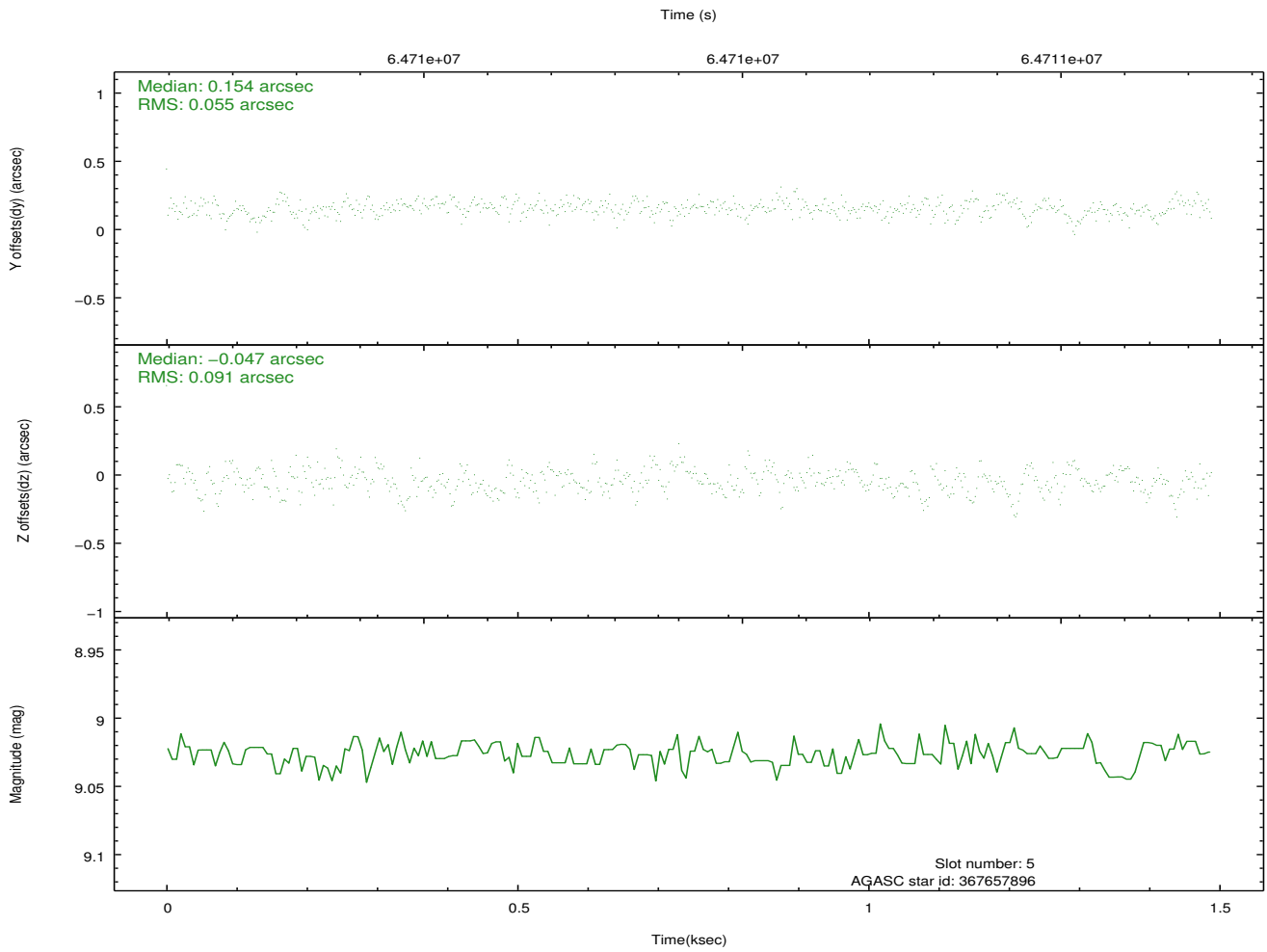
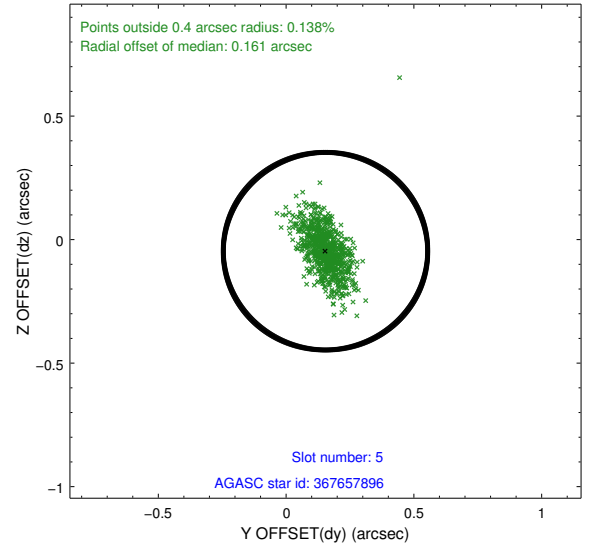
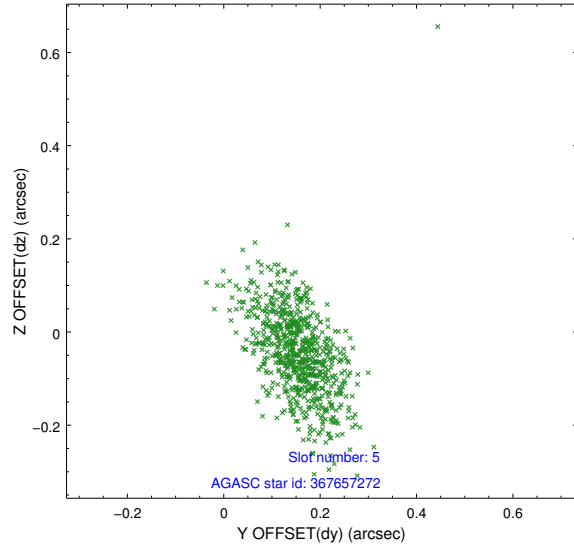
2.4.1 Slot 3



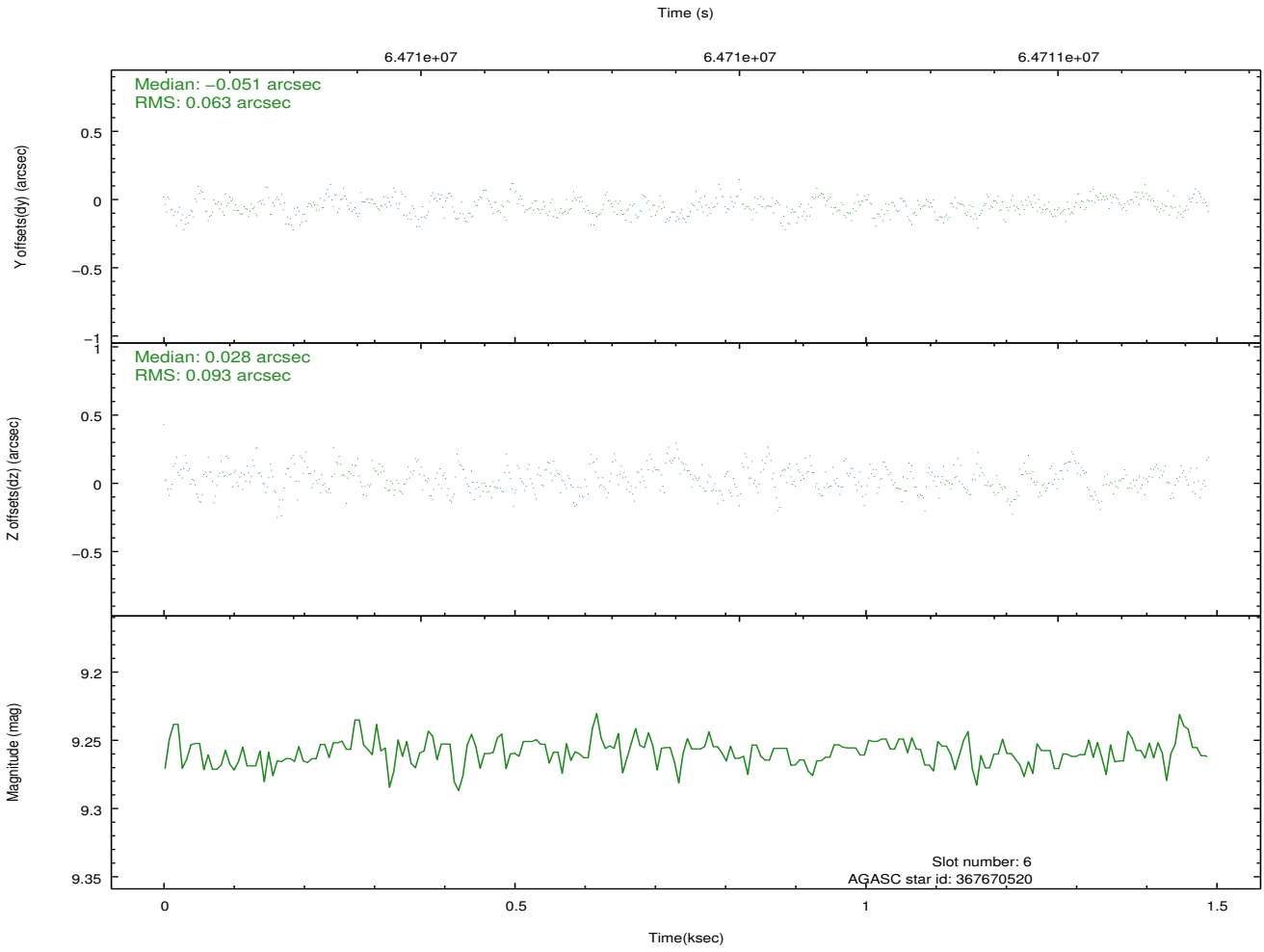
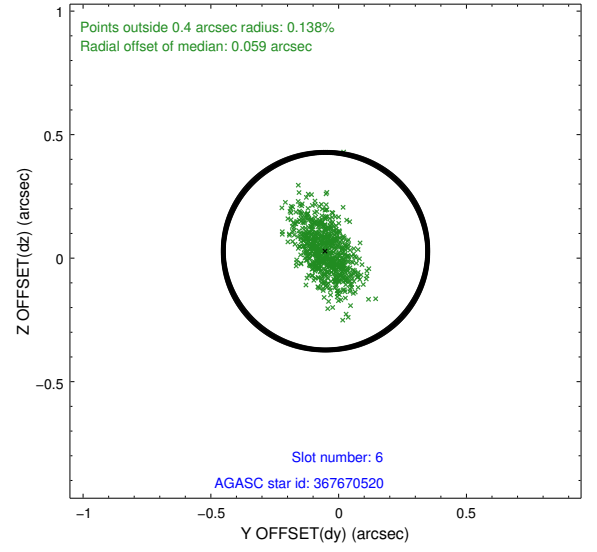
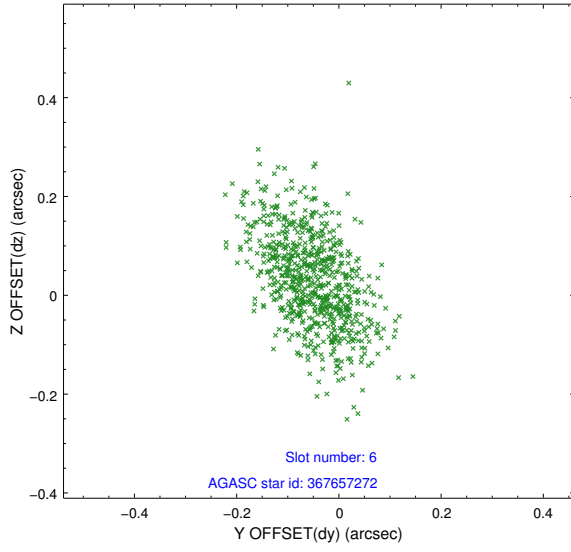
2.4.2 Slot 4



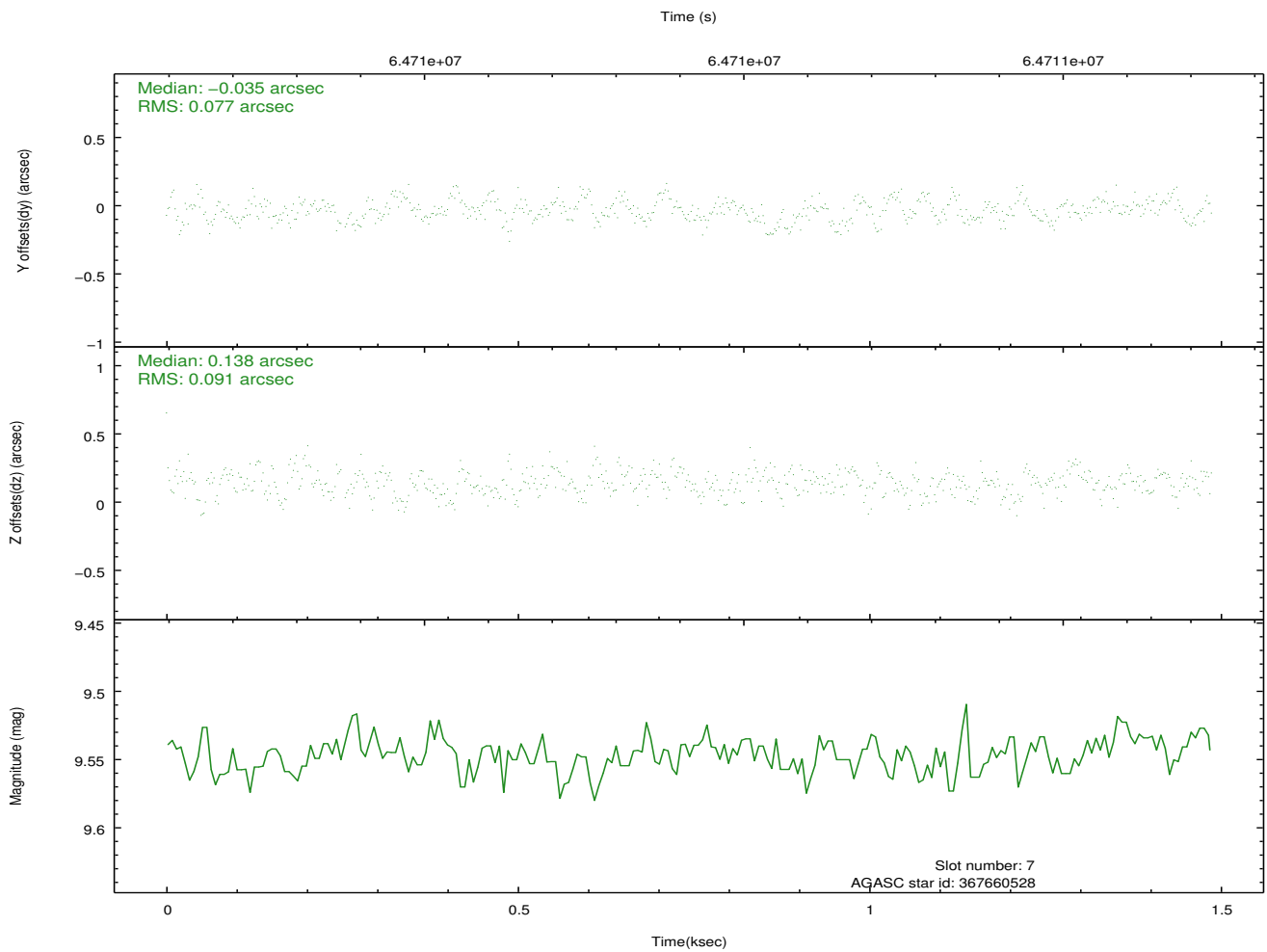
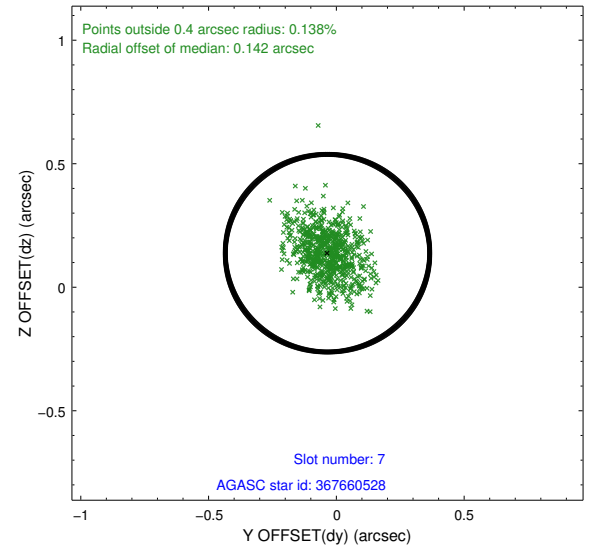
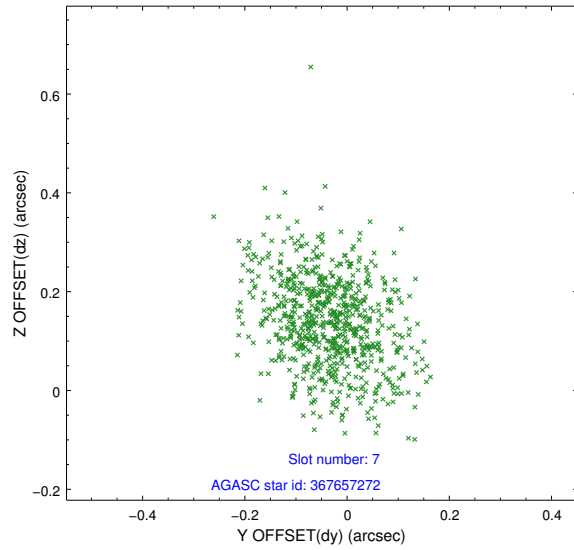
2.4.3 Slot 5



2.4.4 Slot 6

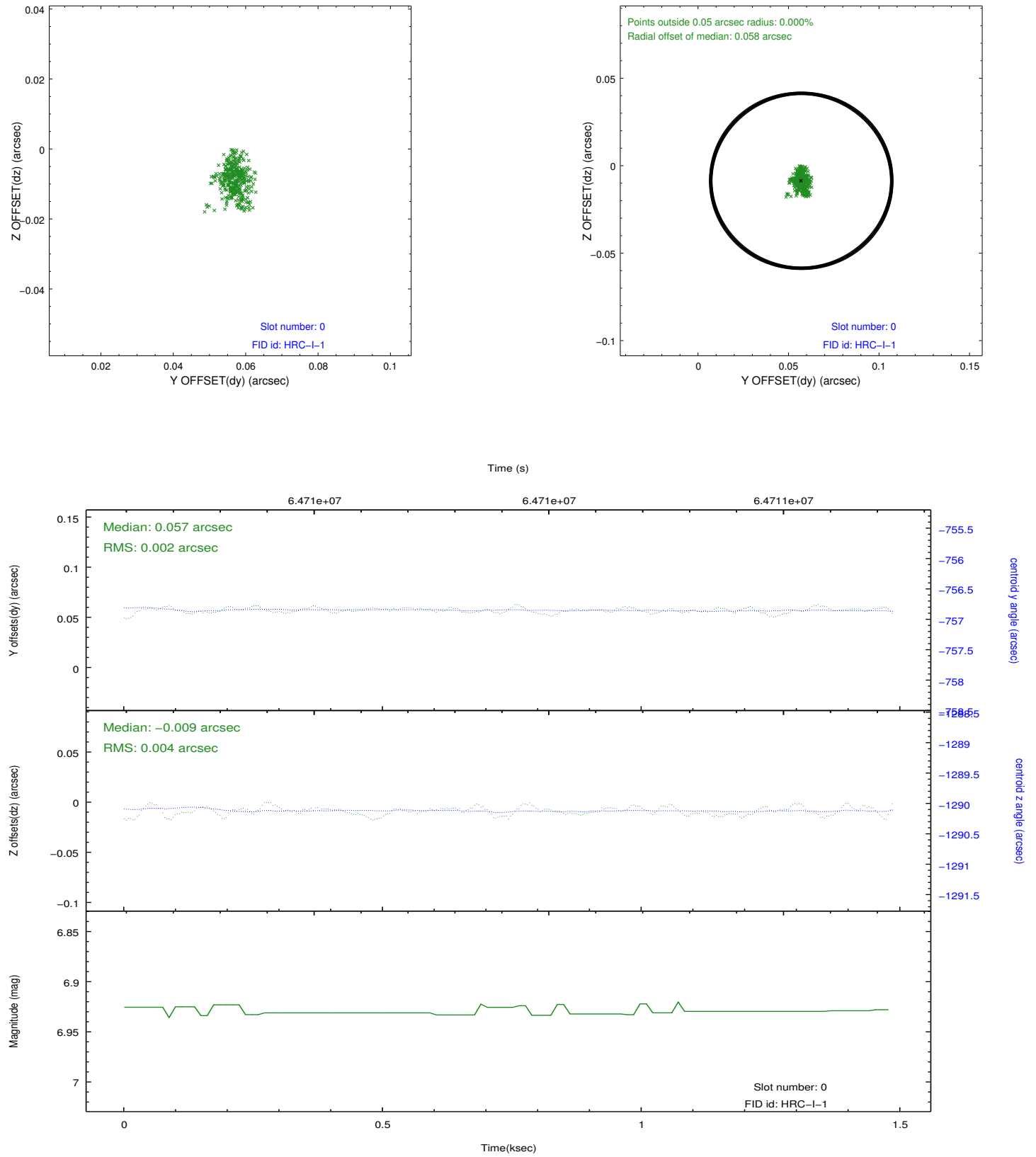


2.4.5 Slot 7

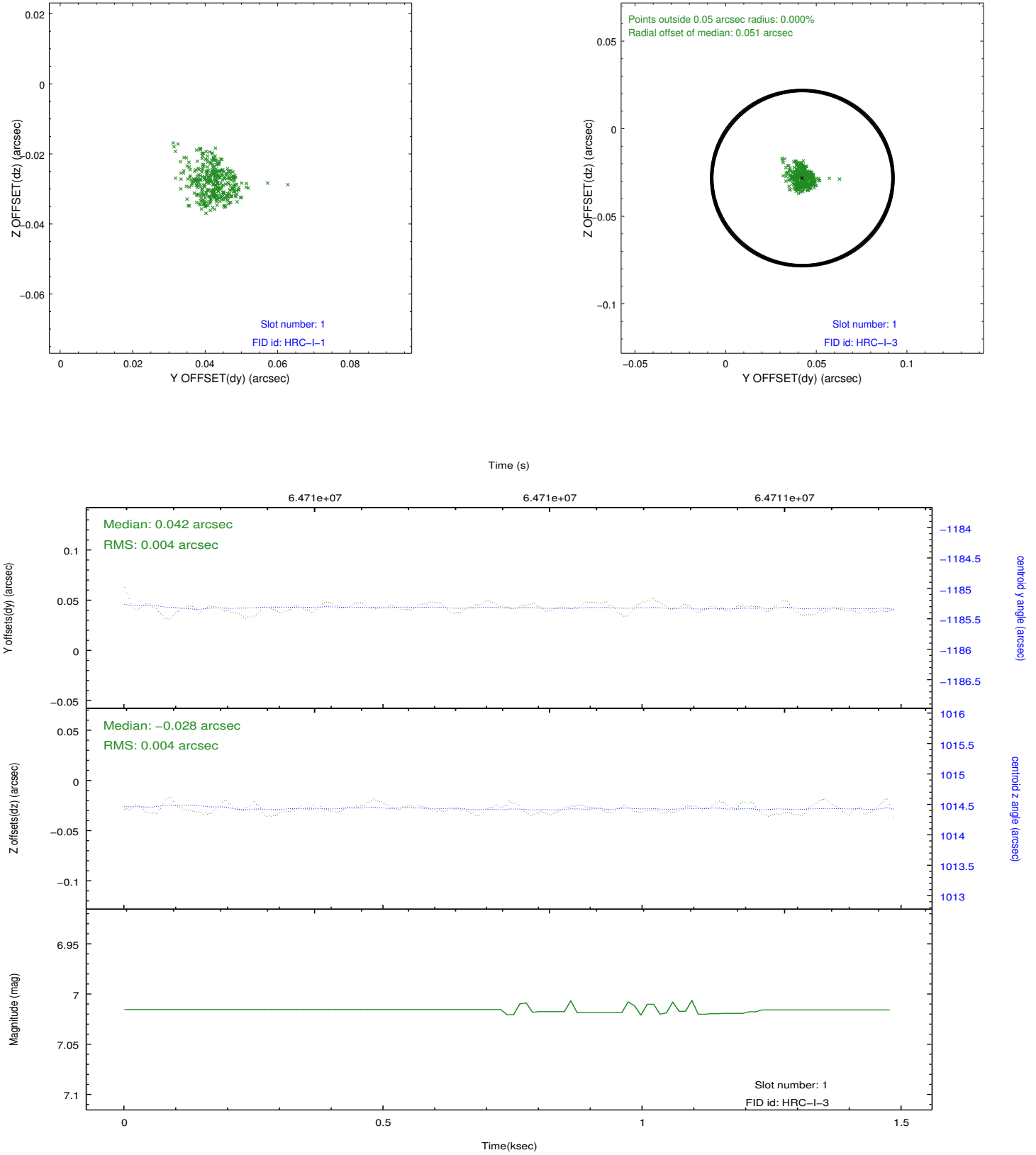


2.5 FID Slots

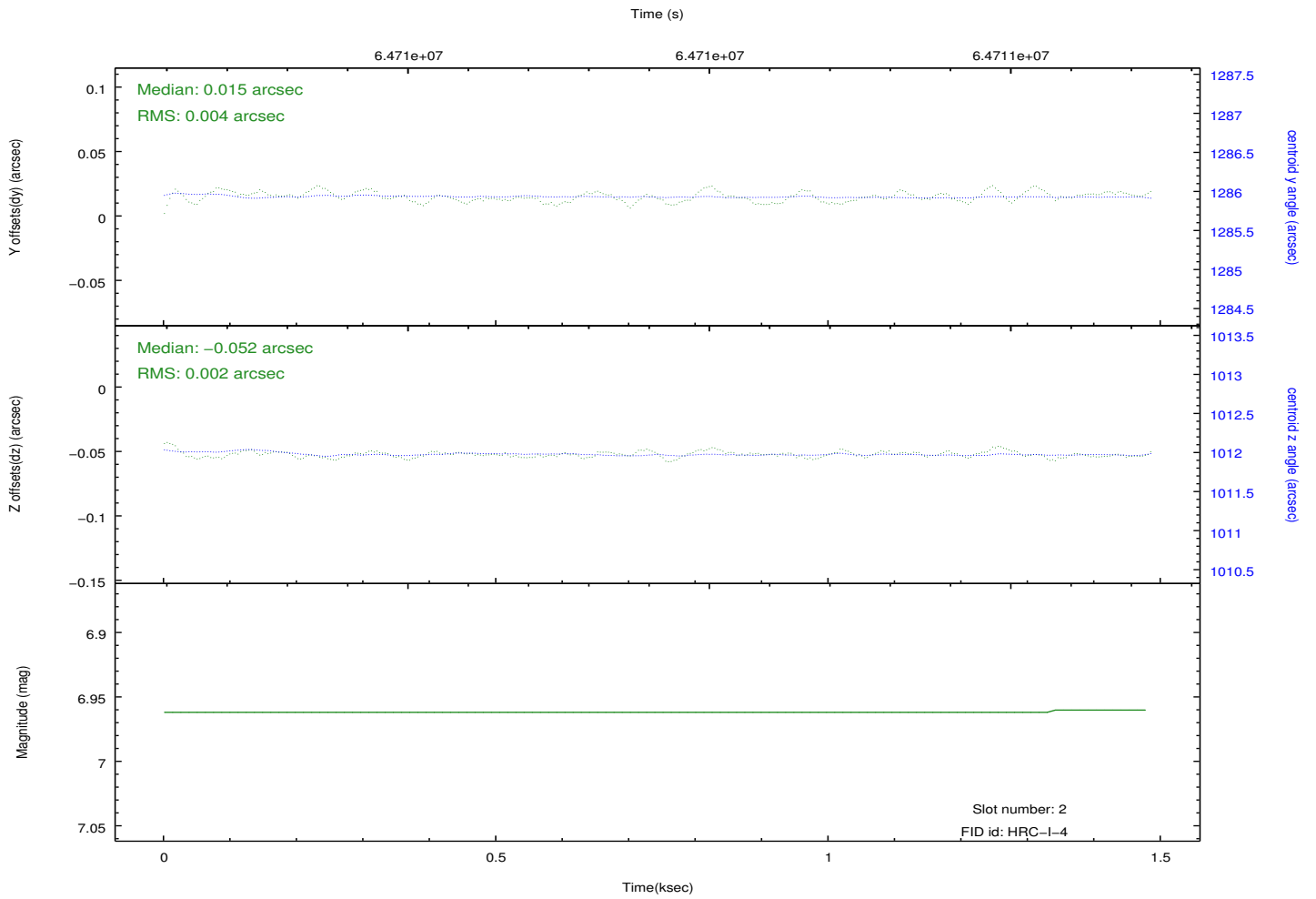
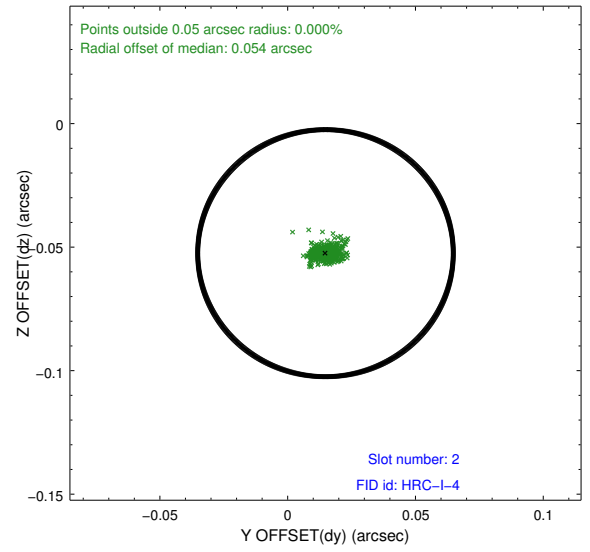
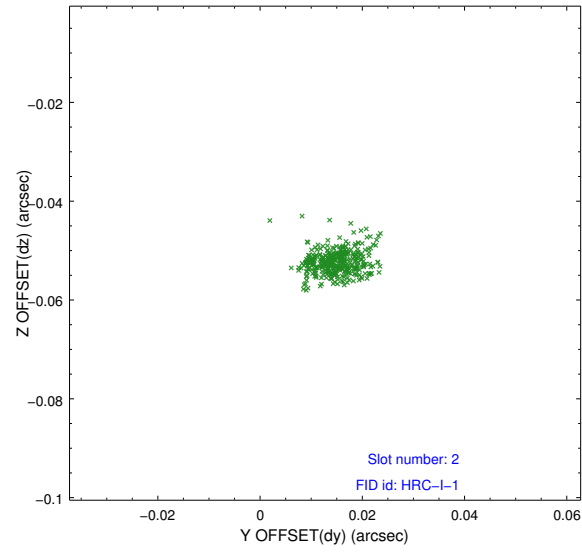
2.5.1 Slot 0



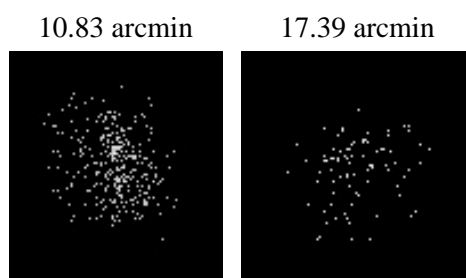
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.213

A.2 Comments