

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5247 - L2 Version 4
Chandra X-Ray Center

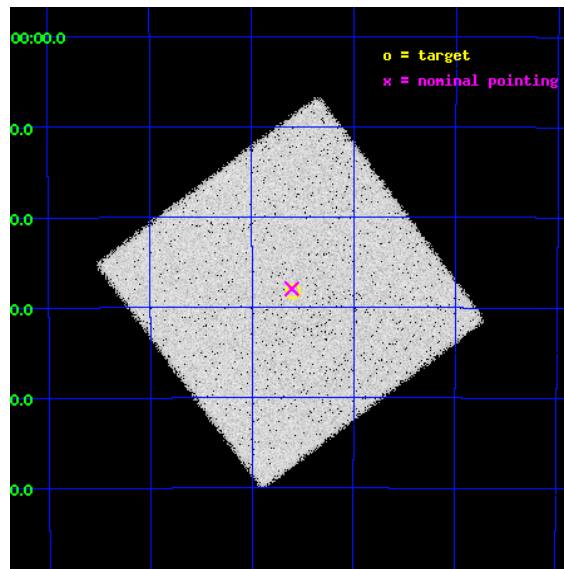
L2 Processing Date : Nov 10 2012

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1 Front

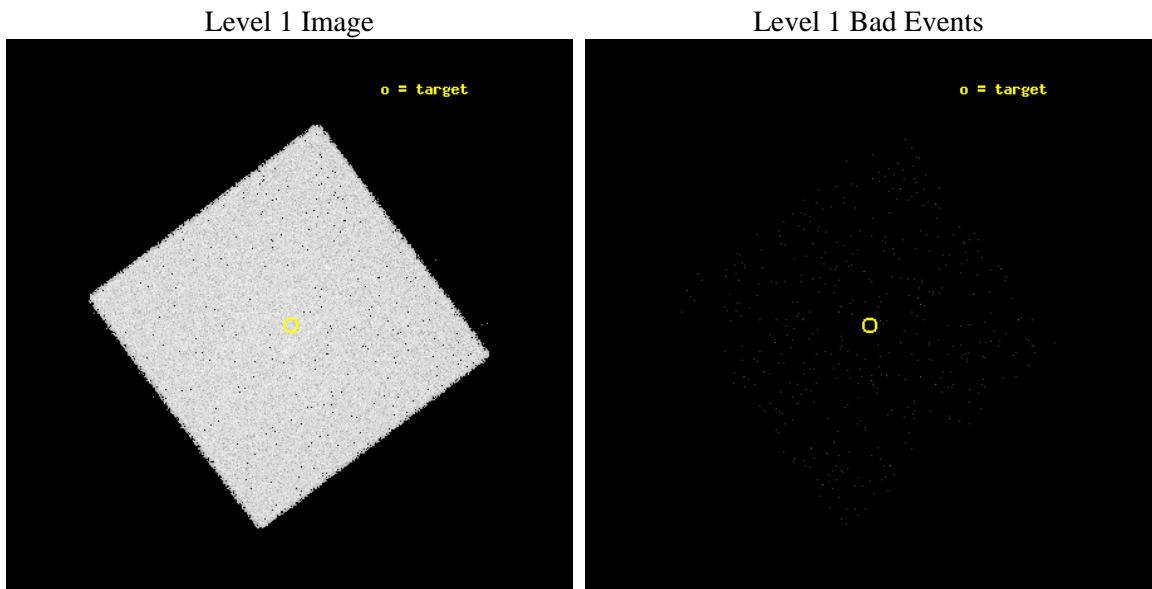
seq_num	500500	Sequence number
obs_id	5247	Observation id
title	Understanding the nature of the unidentified EGRET source 3EG J1631-4033	Proposal title
observer	Dr. Luigi Foschini	Principal investigator
object	IGR J16316-4028	Source name
ra_targ	247.9	Observer's specified target RA [deg]
dec_targ	-40.47	Observer's specified target Dec [deg]
ra_nom	247.90159382451	Nominal RA [deg]
dec_nom	-40.465686192185	Nominal Dec [deg]
roll_nom	98.173788083014	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4871.0564624071	[s]
livetime	4840.1517599584	Ontime multiplied by DTCOR
l2events	189518	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4871.0564624071	[s]
caldbver	4.5.2	 	l1events	277007	Number of level 1 events
date	2012-11-10T21:59:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

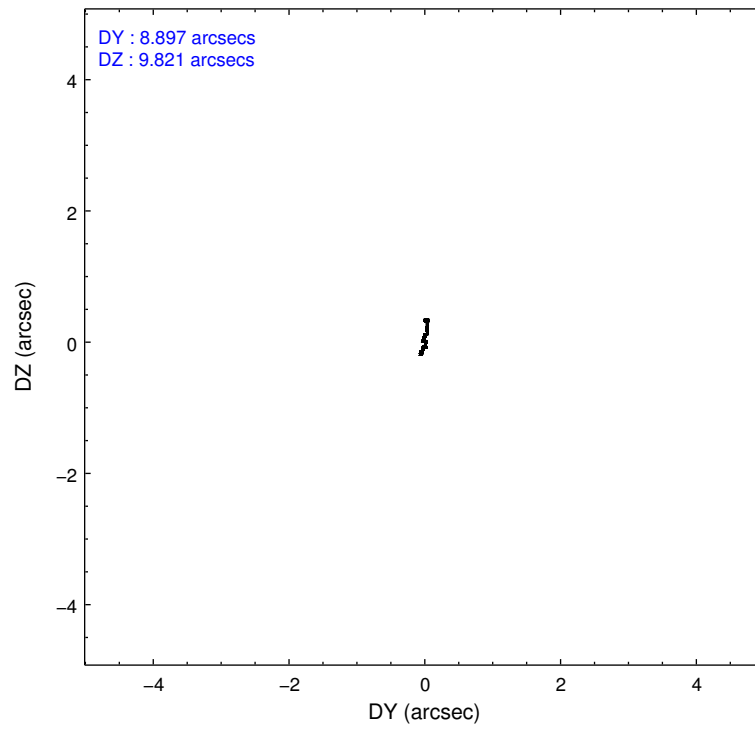
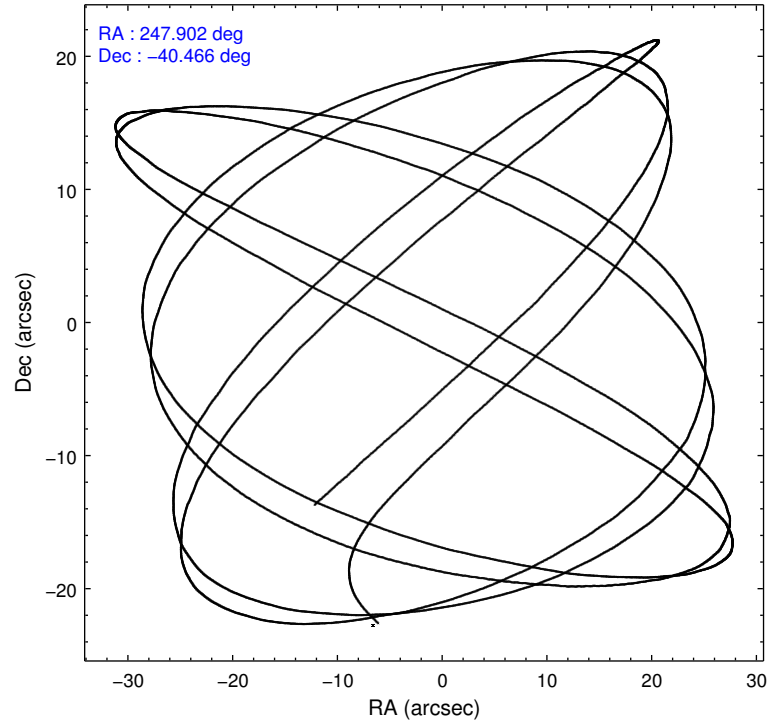
Level 1 Events

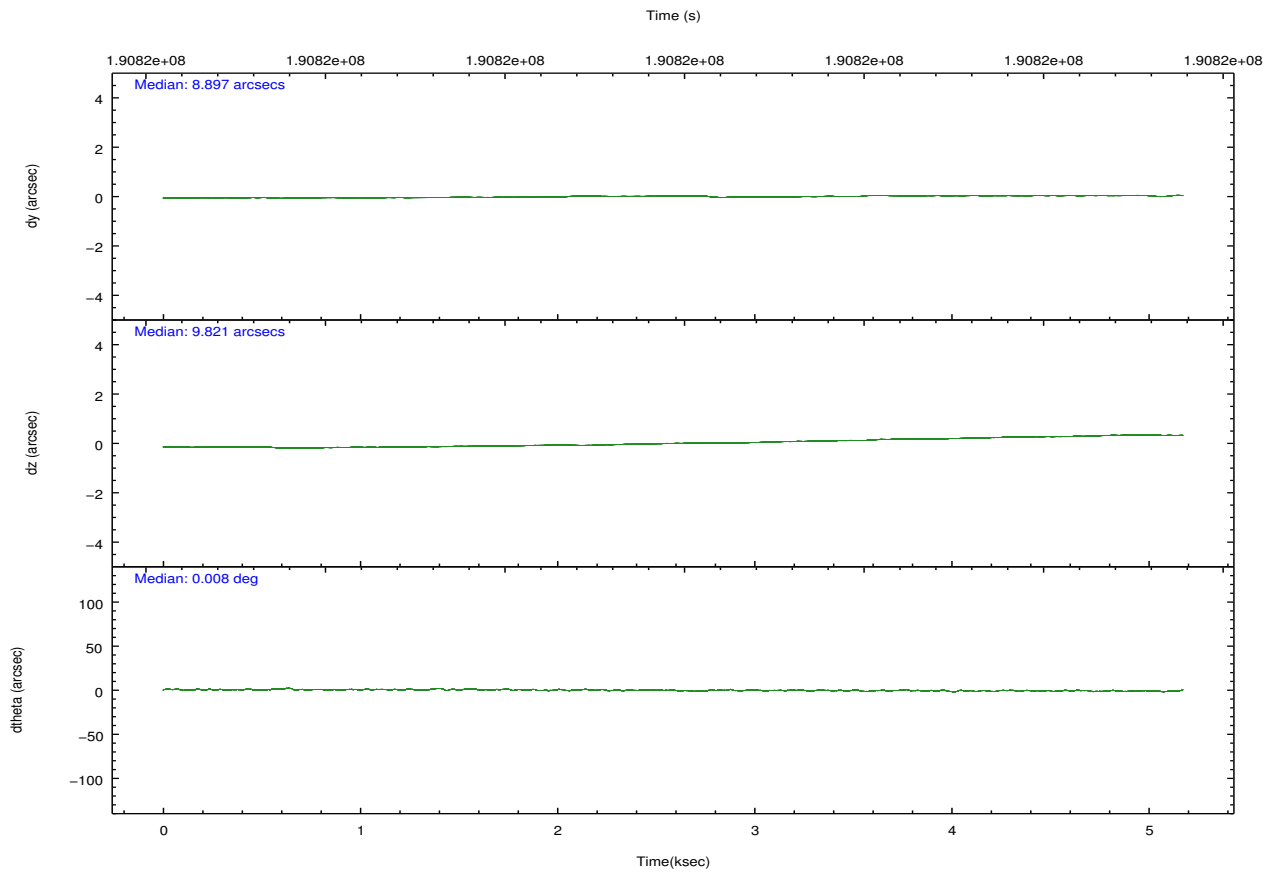
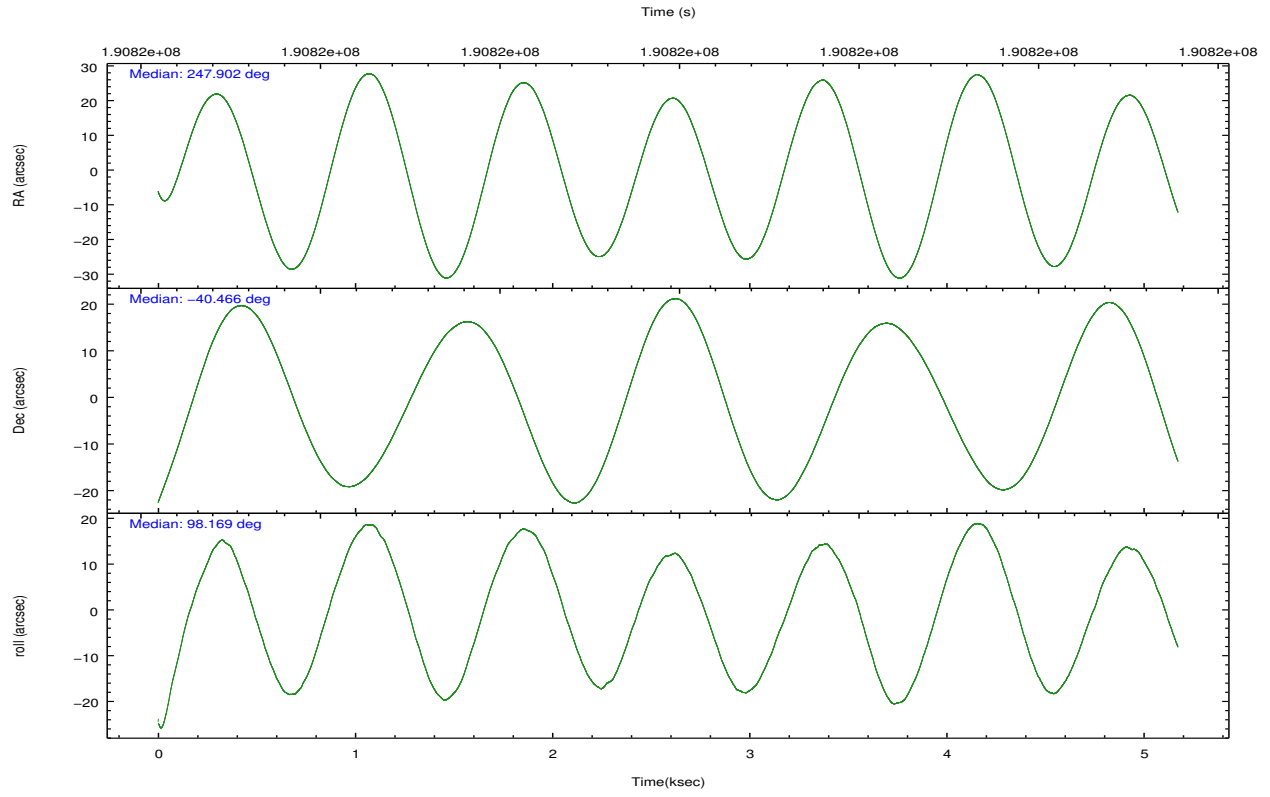
	segment 0
level 1 events	277007
rejected events	7216
rejected %	2%

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	247.924045	247.9015938245088			
[deg] Pointing Dec	-40.486878	-40.46568619218459			
[deg] Pointing Roll	98.283890	98.17378808301362			
[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)	190818525.184000	190817633.15144			
Observation start date	2004-01-18T13:07:41	2004-01-18T12:53:53			
[s] Observation end time (MET)	190823525.184000	190824396.10173			
Observation end date	2004-01-18T14:31:01	2004-01-18T14:46:36			

2.3 Aspect





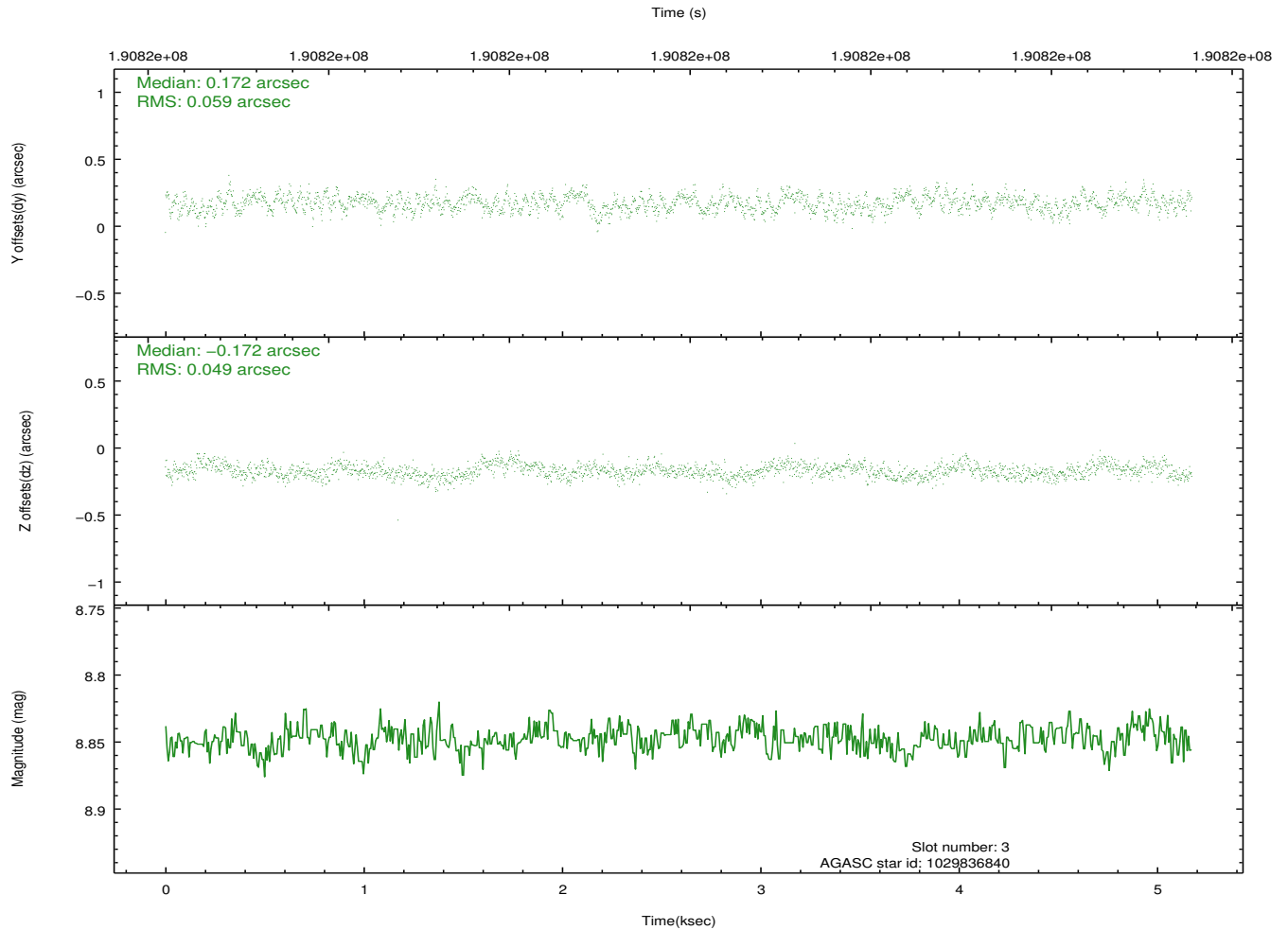
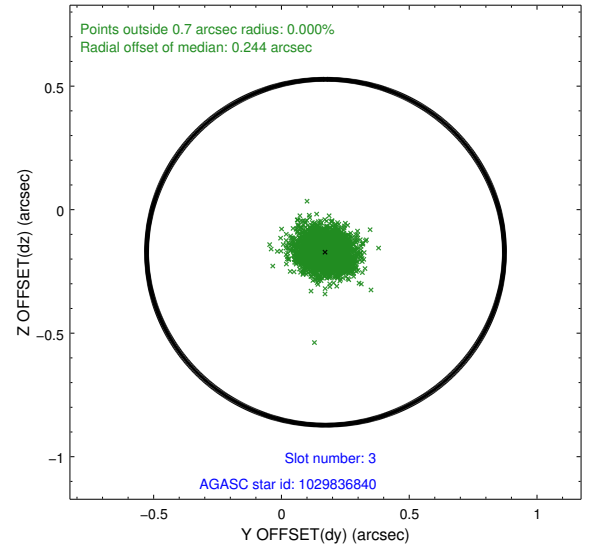
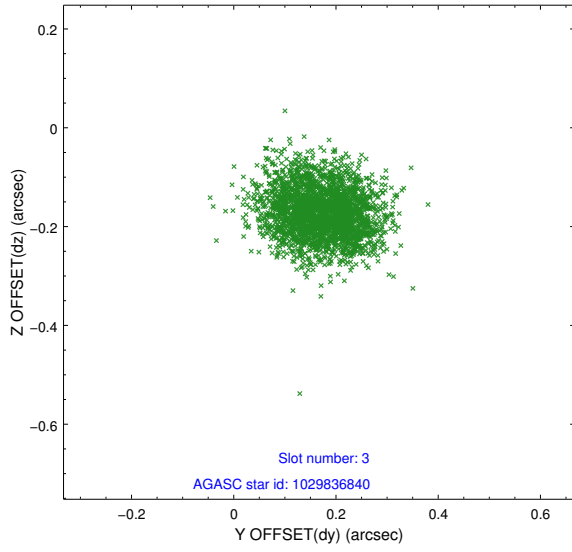
Slot Statistics

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	1262	-0.024	0.040	0.008	0.014	0.000000	0.000000	-764.54	-1297.80
1	FID	HRC-I-2	7.03	1262	0.132	-0.079	0.008	0.012	0.000000	0.000000	847.65	-1300.50
2	FID	HRC-I-3	7.08	1263	0.010	-0.051	0.007	0.011	0.000000	0.000000	-1192.34	1005.64
3	GUIDE	1029836840	8.85	2524	0.172	-0.172	0.082	0.129	247.445235	-41.071470	-1899.55	1590.28
4	GUIDE	1029972064	8.96	2525	-0.215	-0.057	0.070	0.109	247.559676	-40.037973	1740.12	762.95
5	GUIDE	1029976280	7.77	2525	0.115	0.107	0.066	0.108	248.175416	-41.034607	-2050.53	-390.08
6	GUIDE	1029977216	7.90	2525	0.043	-0.010	0.068	0.109	248.402376	-40.770339	-1202.58	-1142.35
7	GUIDE	1029966624	9.34	2520	-0.119	0.135	0.107	0.181	248.599474	-39.897512	1822.63	-2150.10

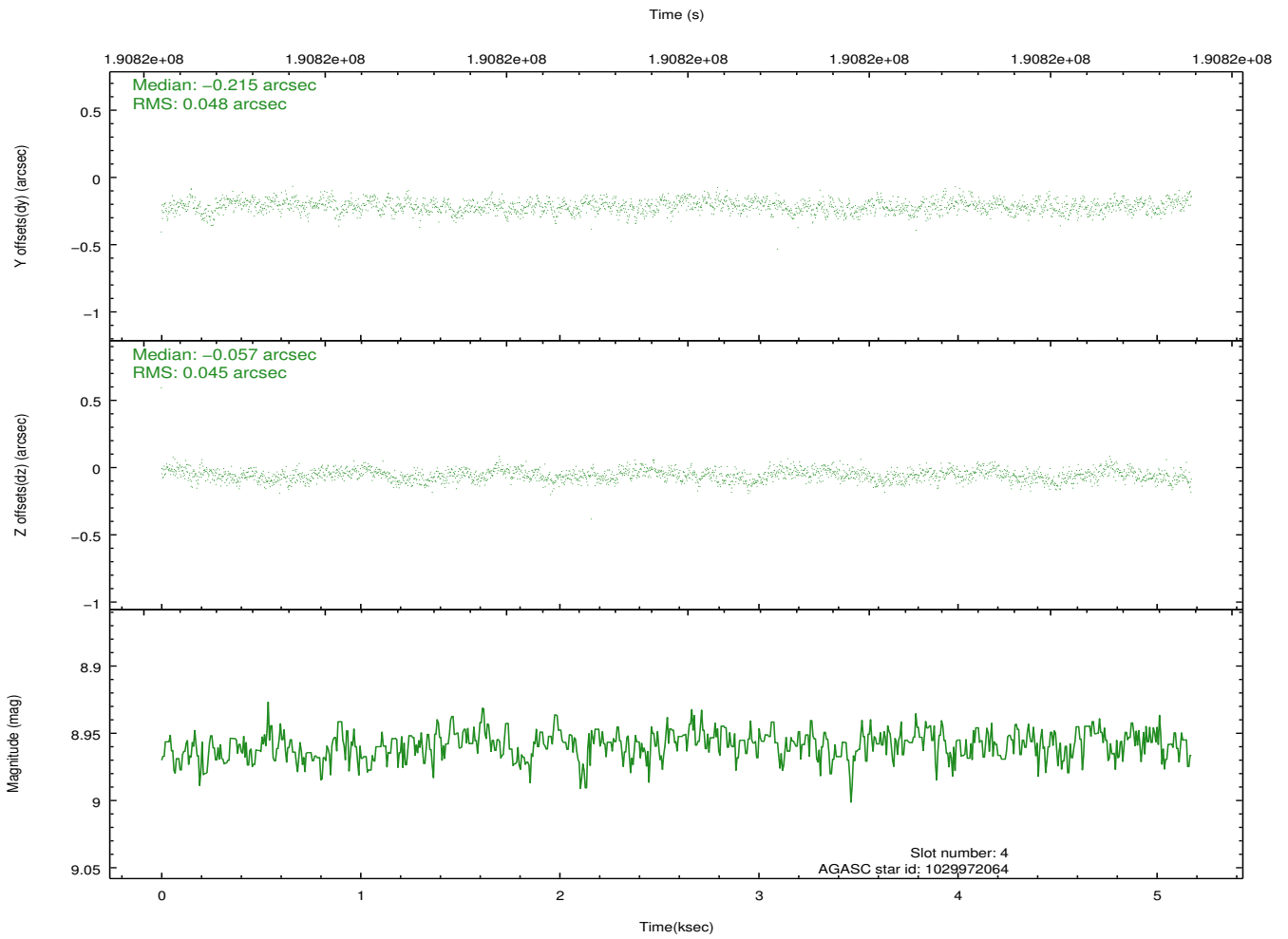
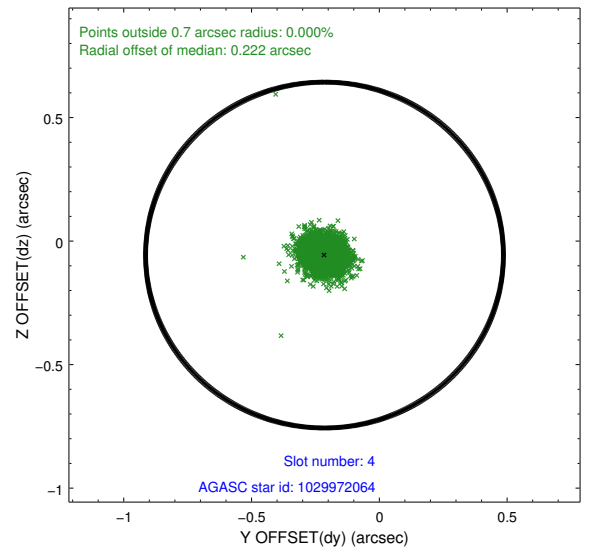
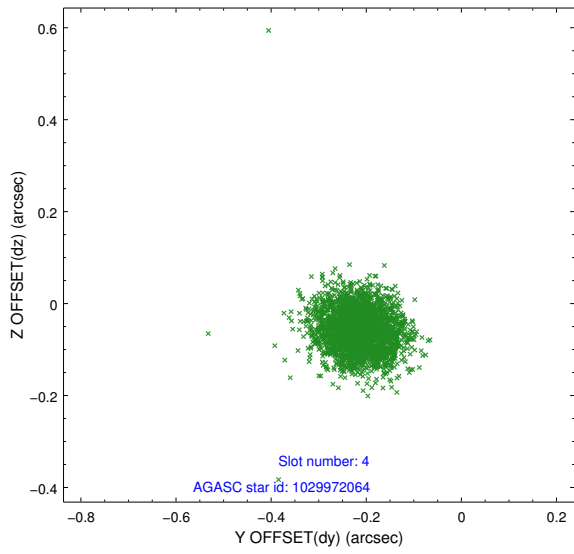
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2.4 Star Slots

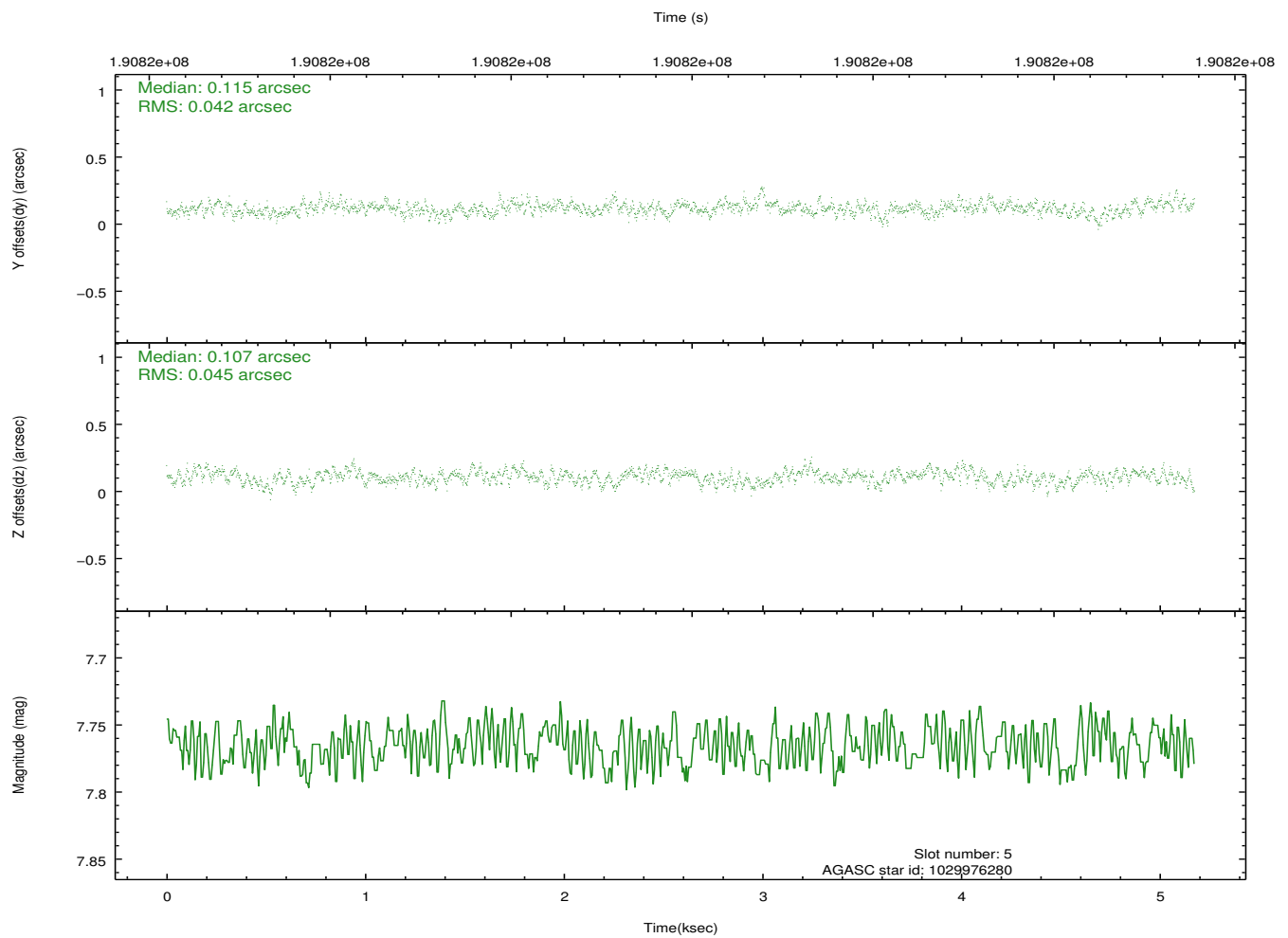
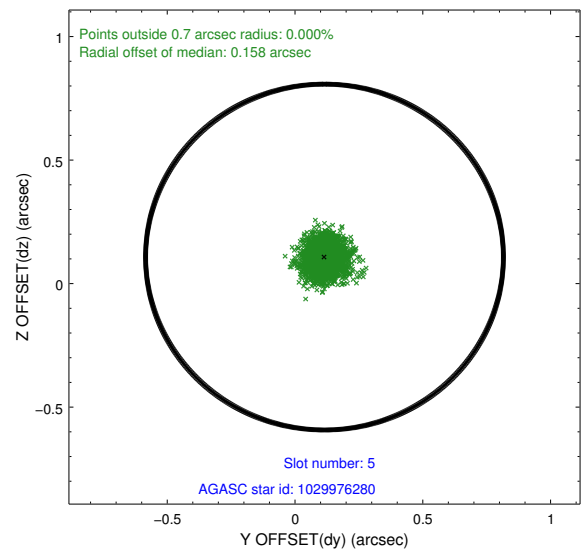
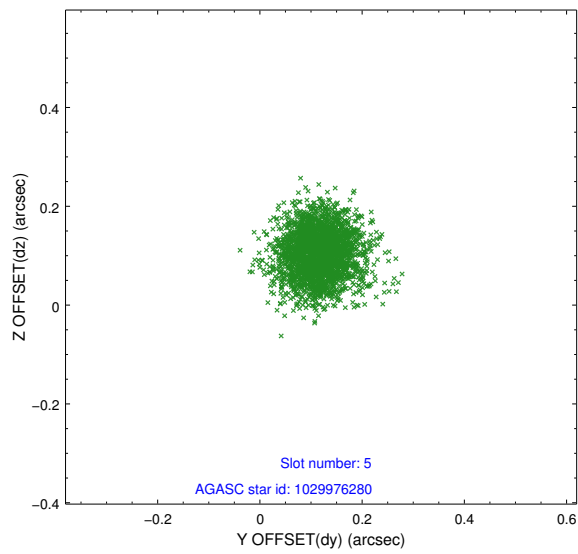
2.4.1 Slot 3



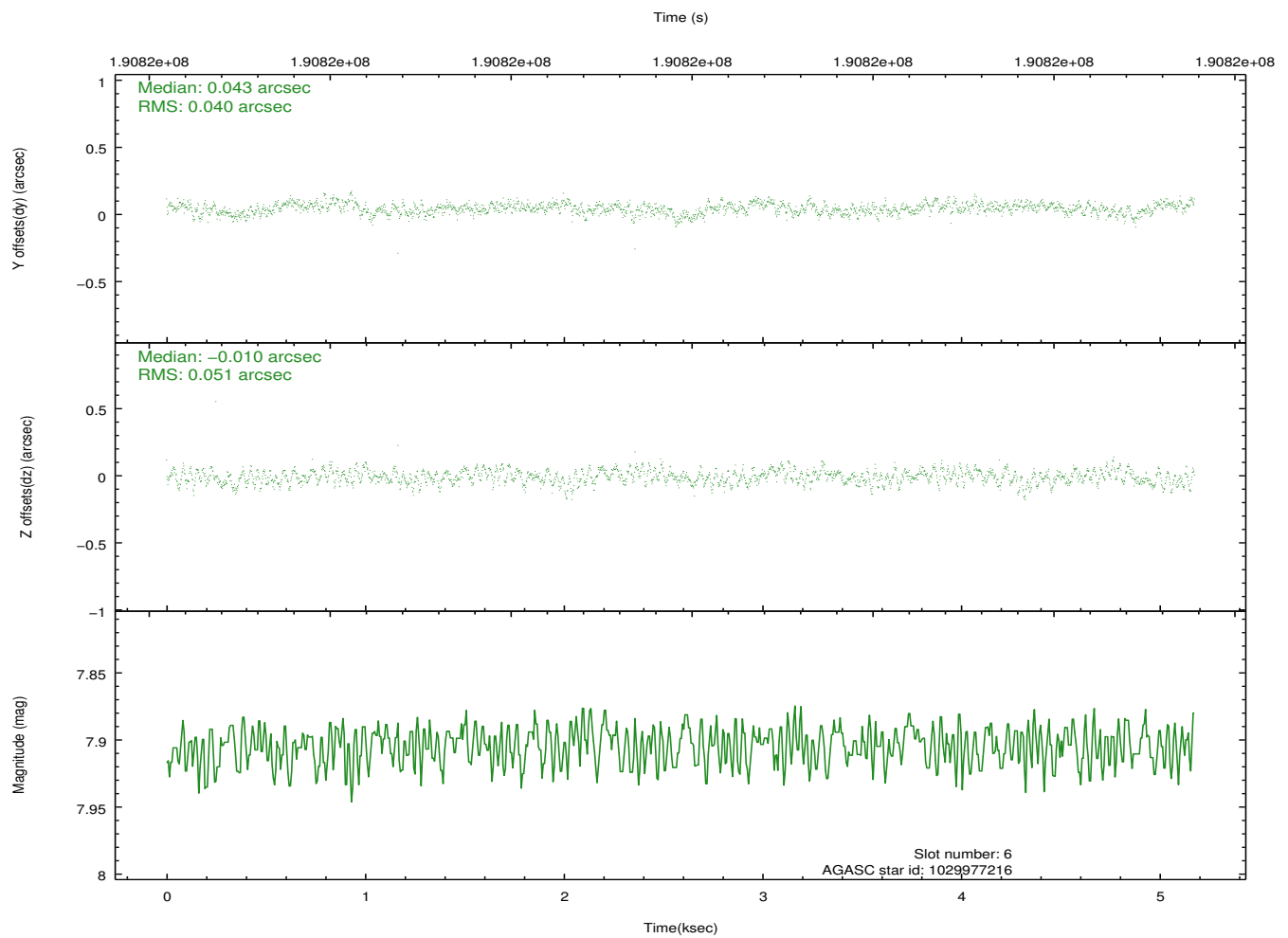
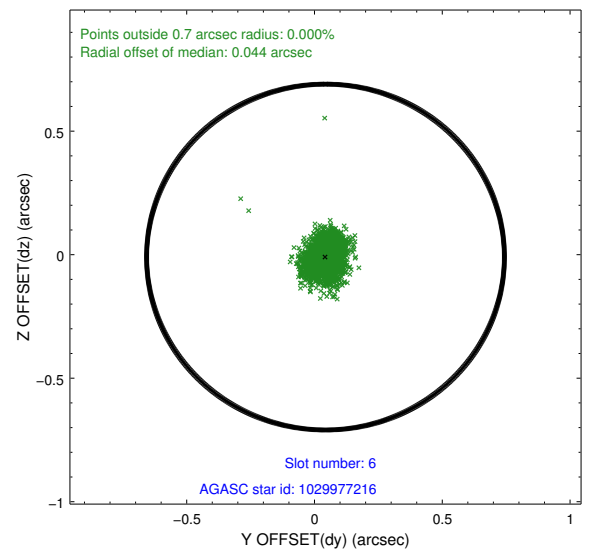
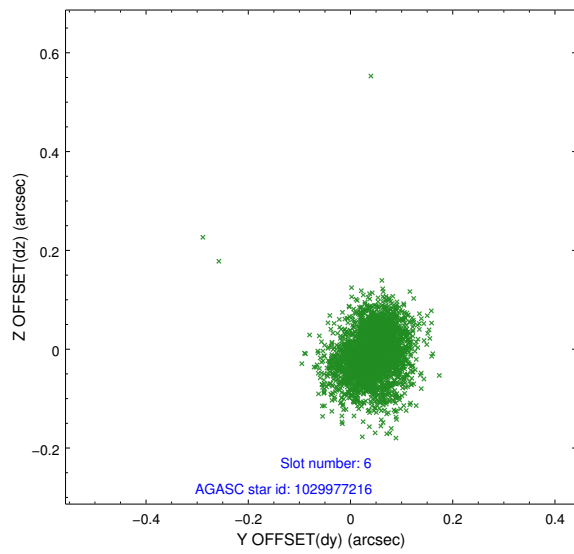
2.4.2 Slot 4



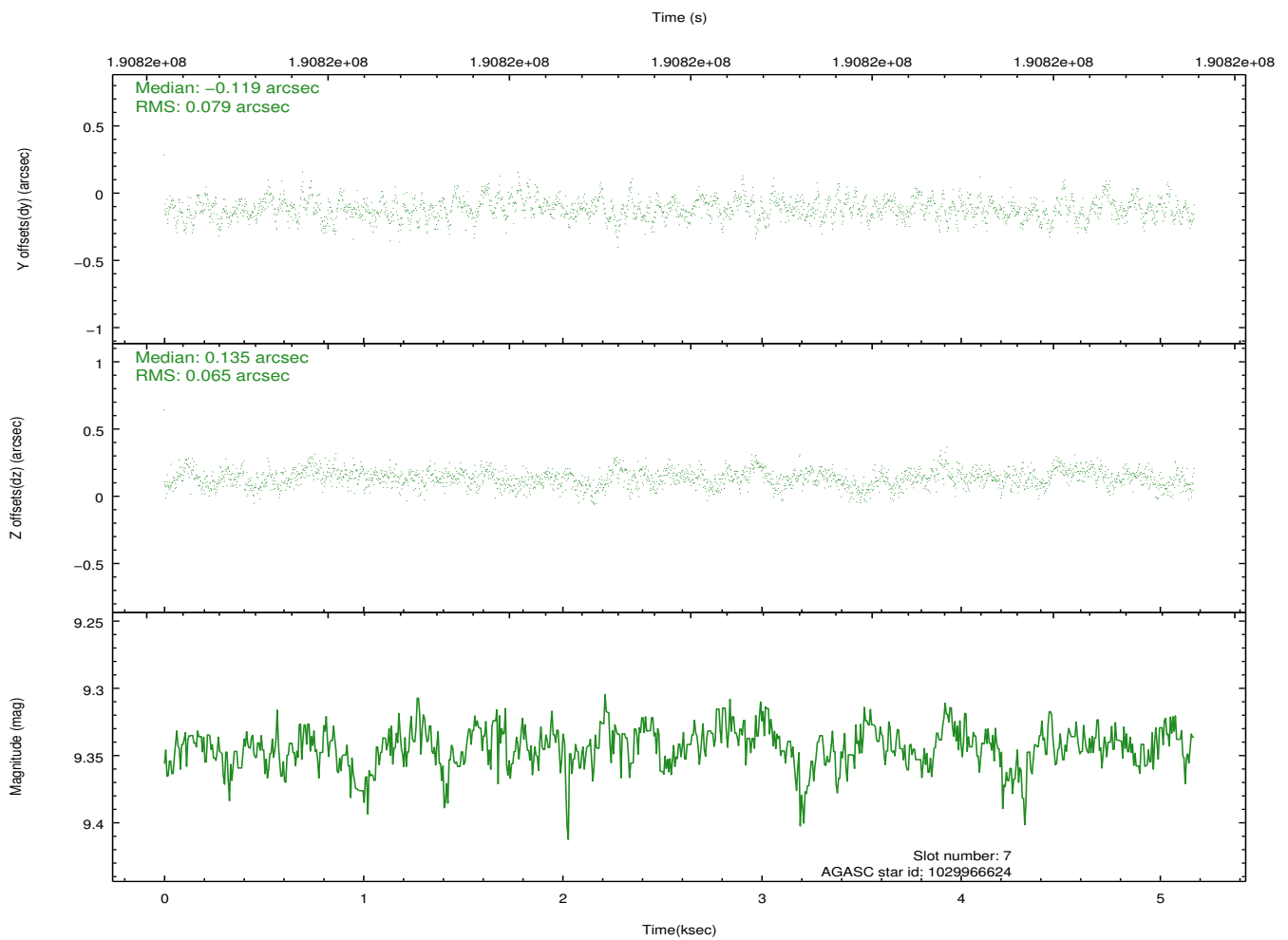
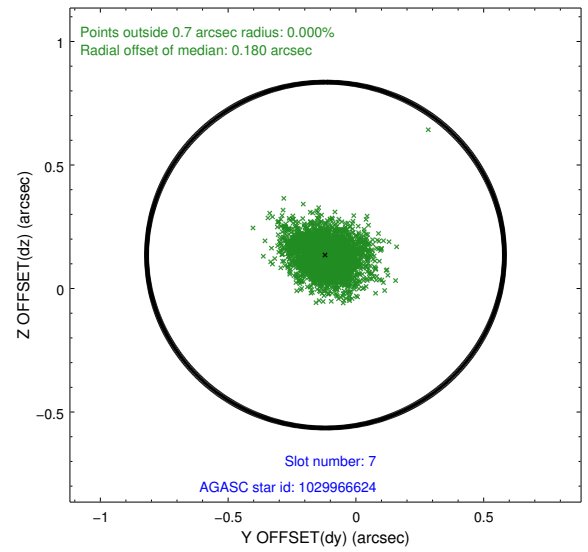
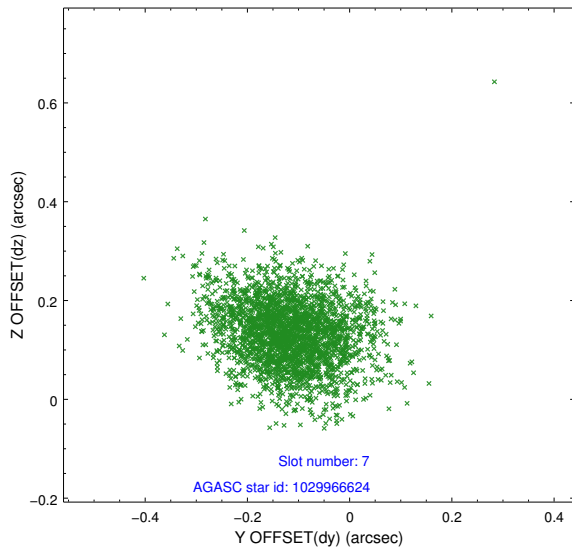
2.4.3 Slot 5



2.4.4 Slot 6

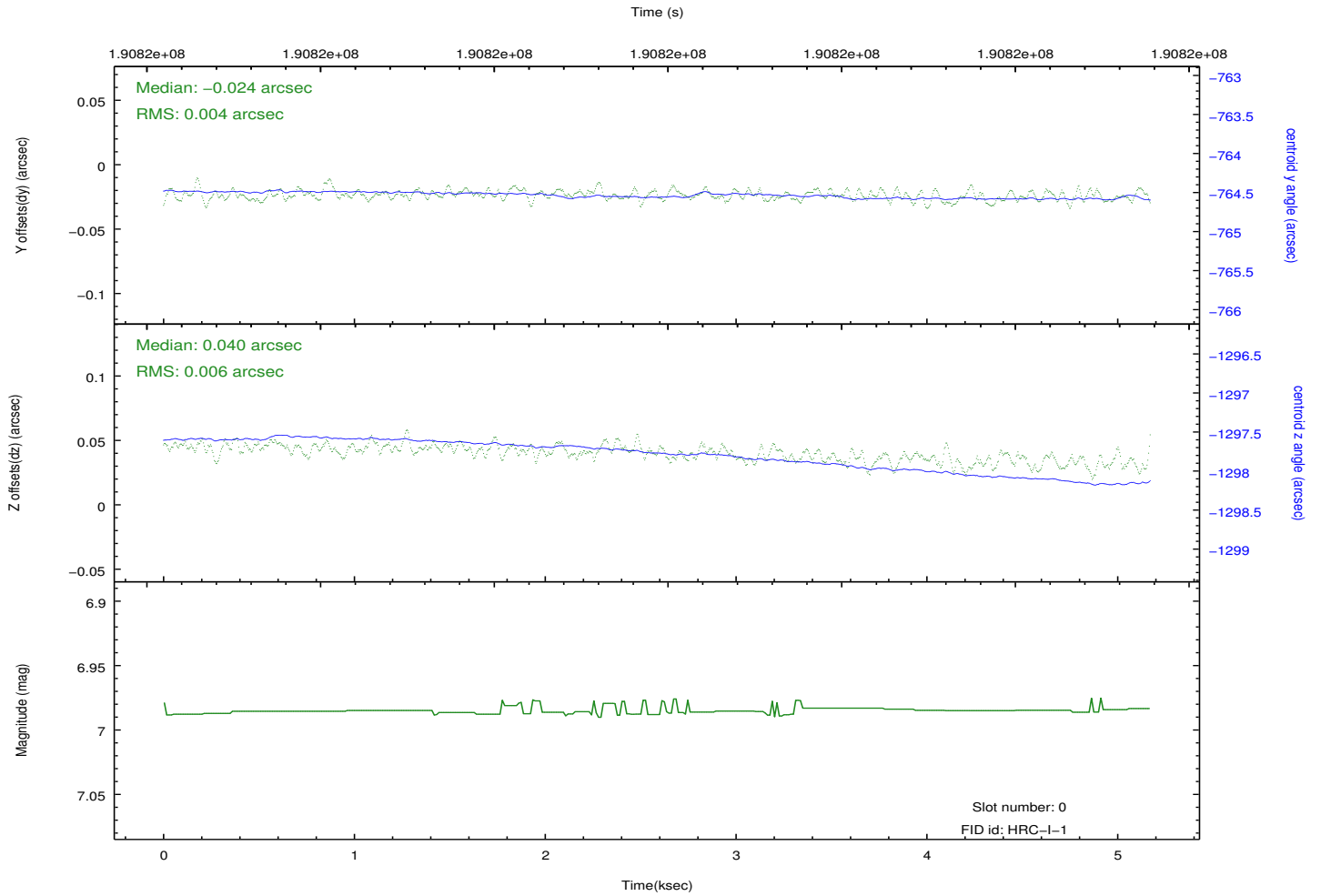
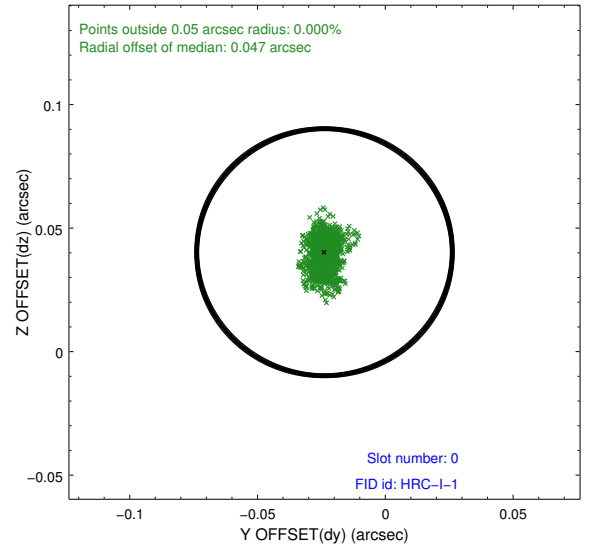
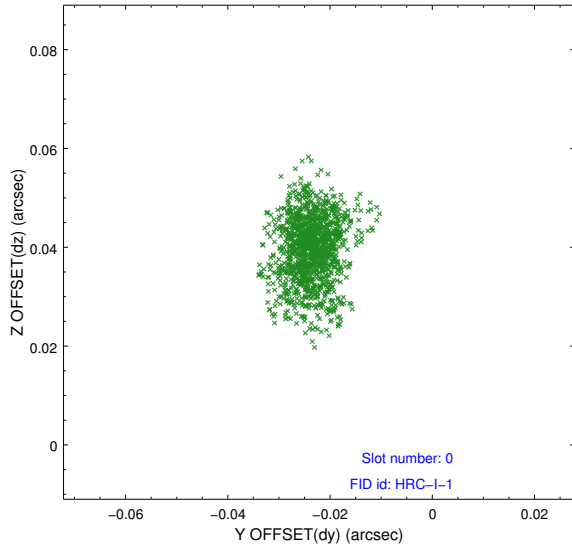


2.4.5 Slot 7

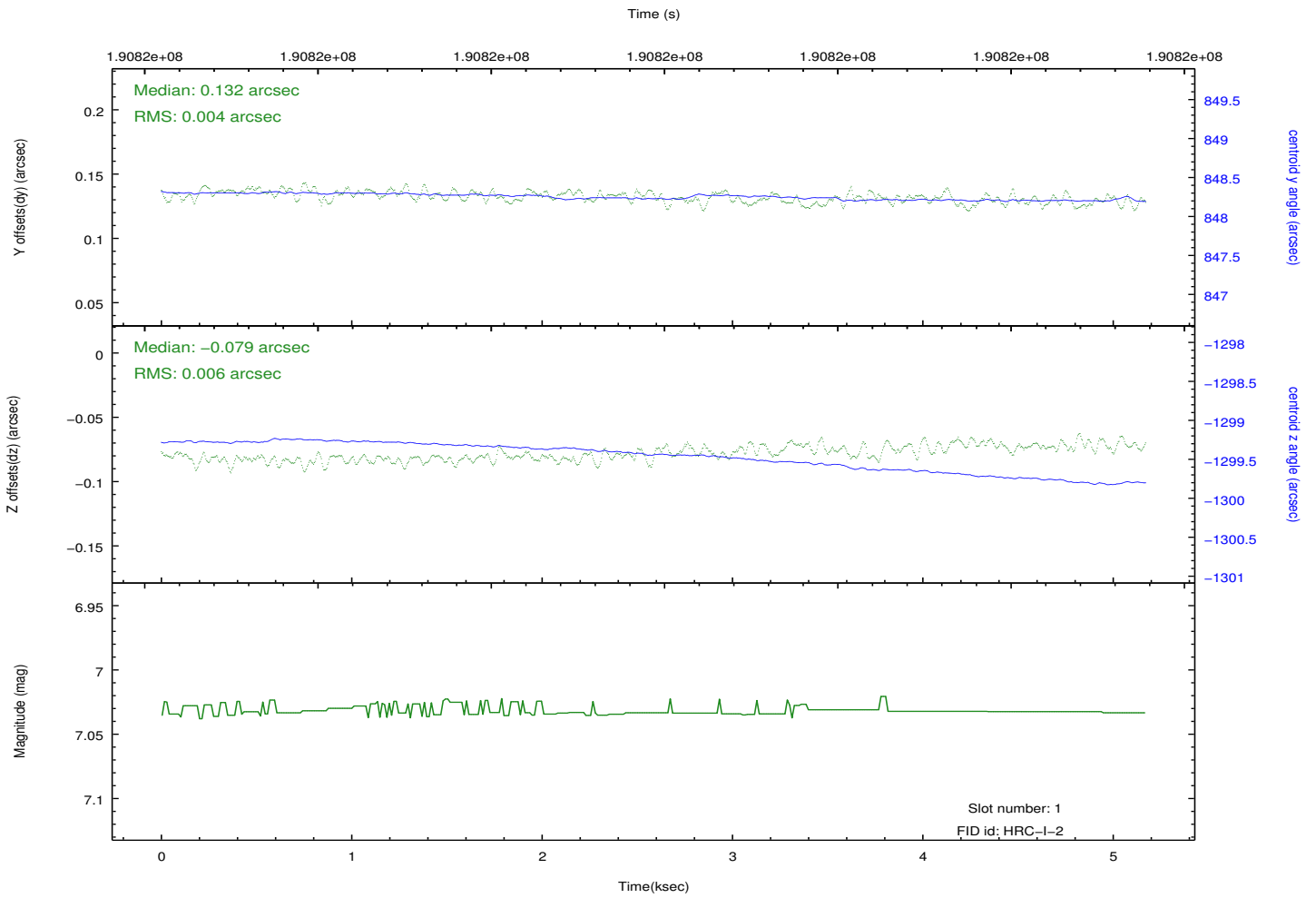
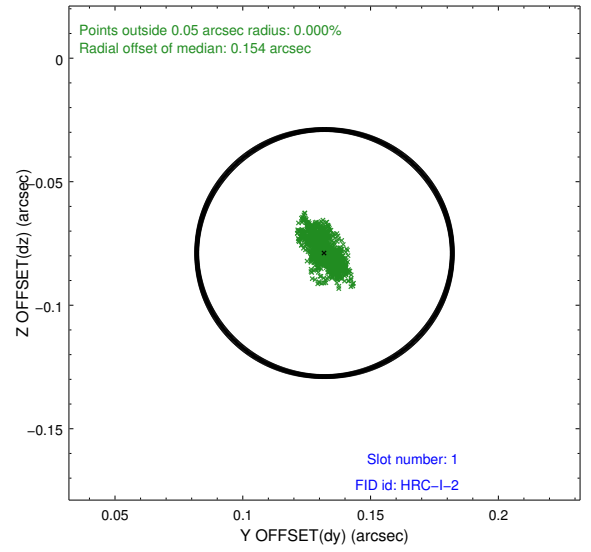
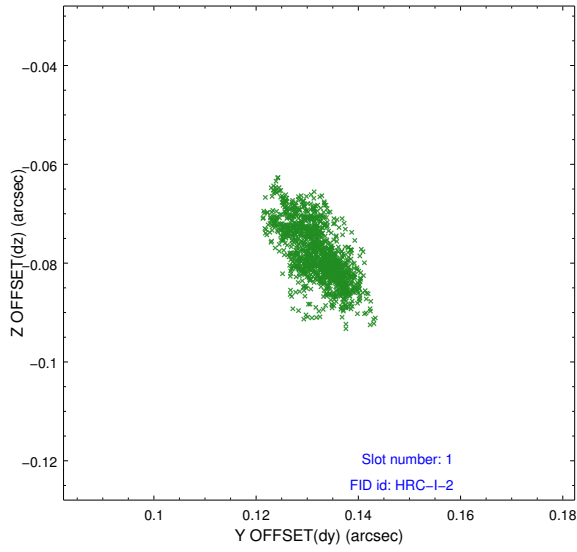


2.5 FID Slots

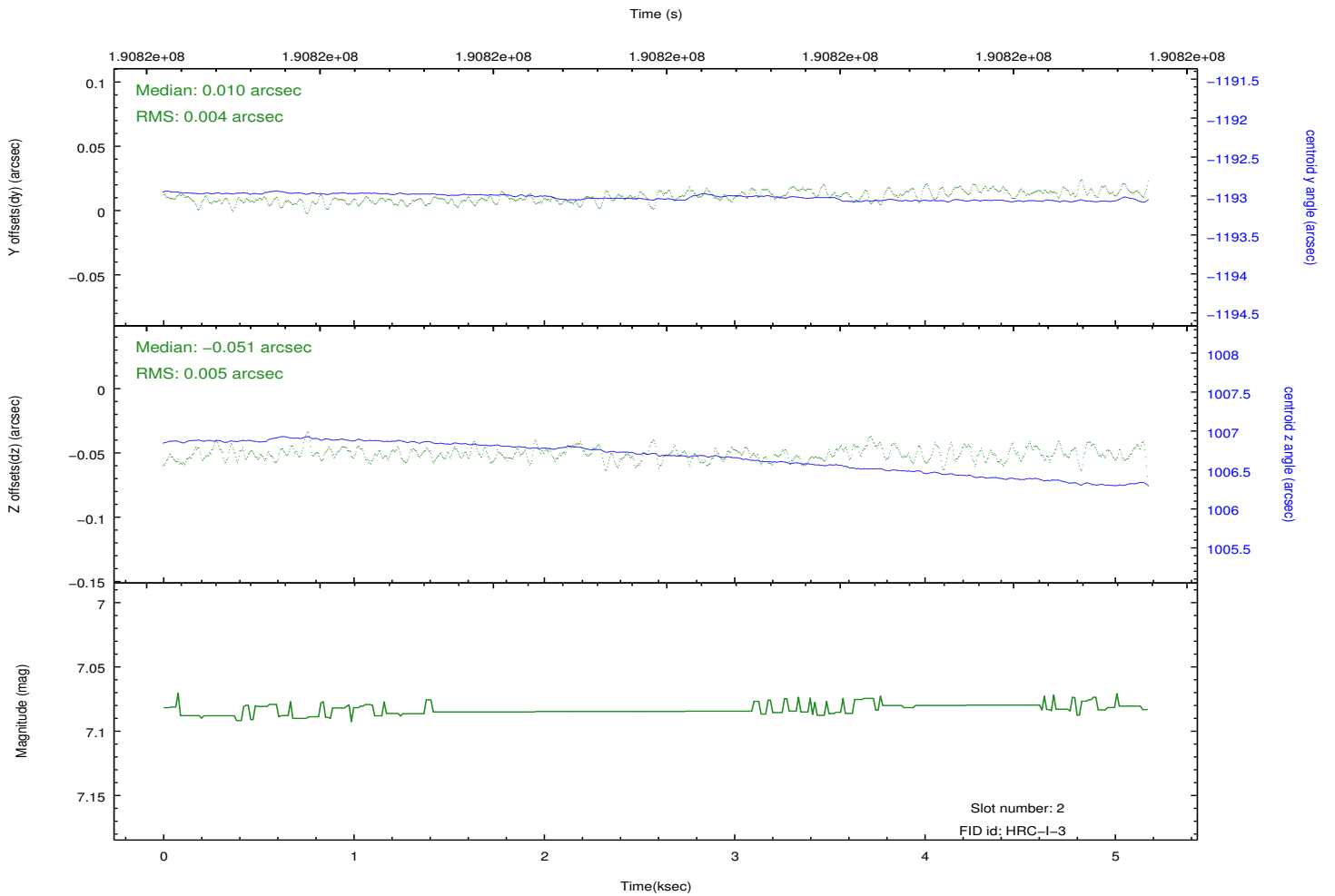
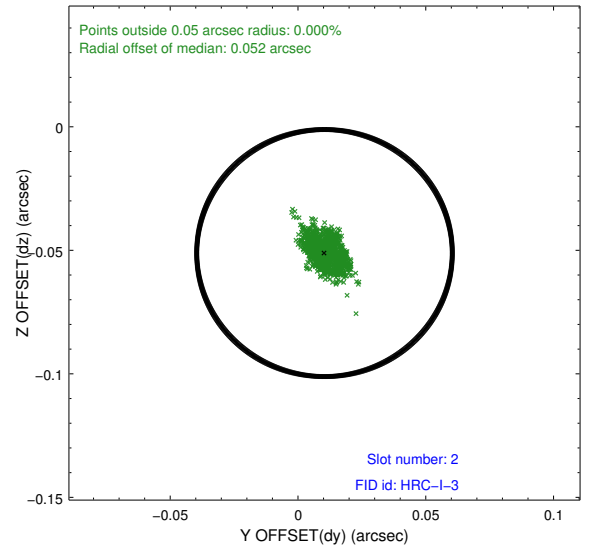
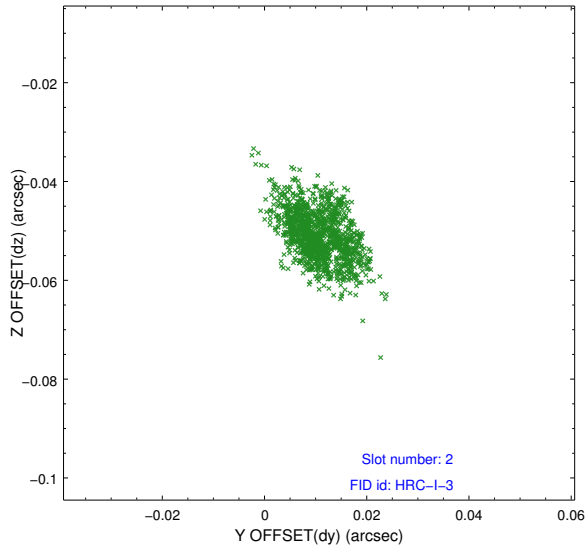
2.5.1 Slot 0



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)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.871

A.2 Comments