

V&V Reference Report

L2 ASCDS Version : 10.5.2

Observation 18952 - L2 Version 1
Chandra X-Ray Center

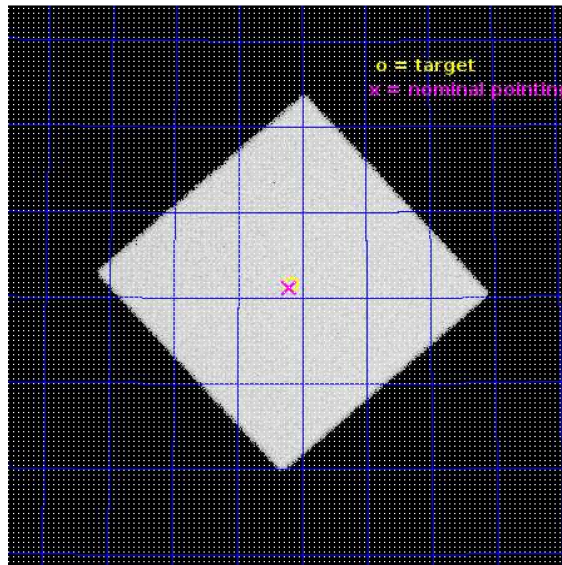
L2 Processing Date : Dec 21 2016

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1 Front

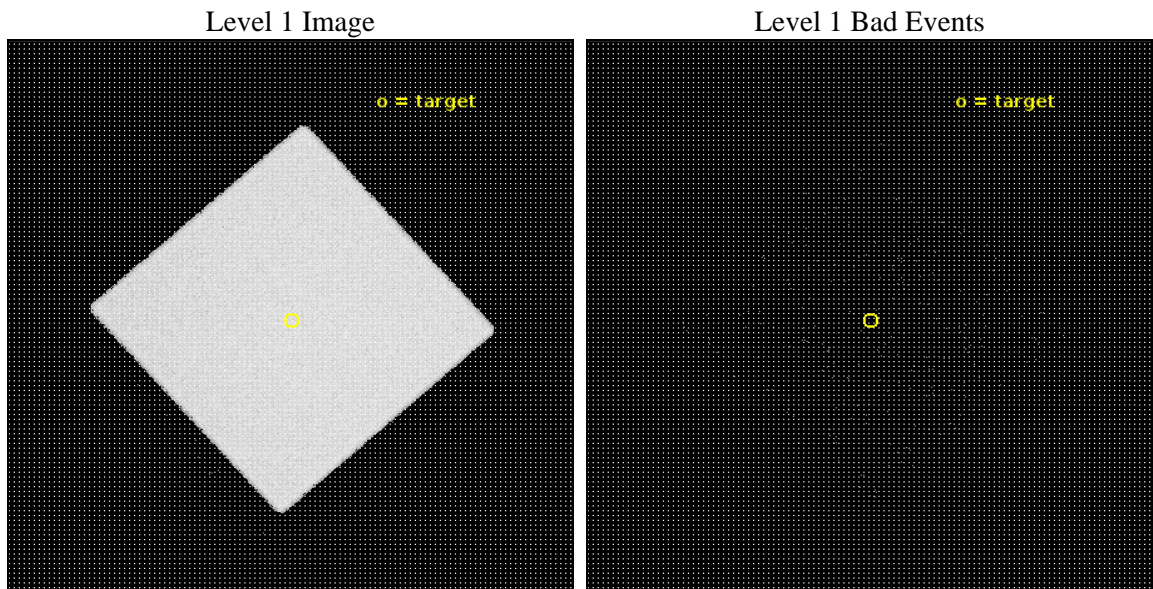
seq_num	401820	Sequence number
obs_id	18952	Observation id
title	Understanding Dust Production in Supergiant X-ray Binaries	Proposa
observer	Thomas Maccarone	Principal investigator
object	IGR J00370+6122	Source name
ra_targ	9.29	Observer's specified target RA [deg]
dec_targ	61.360139	Observer's specified target Dec [deg]
ra_nom	9.2995405749261	Nominal RA [deg]
dec_nom	61.353486962975	Nominal Dec [deg]
roll_nom	273.30399722276	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5164.9752987623	[s]
livetime	5103.6928417459	Ontime multiplied by DTCOR
l2events	509852	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	10.5.2	Processing system revision	ontime	5164.9752987623	[s]
caldsver	4.7.3	 	l1events	819180	Number of level 1 events
date	2016-12-21T17:48:06	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

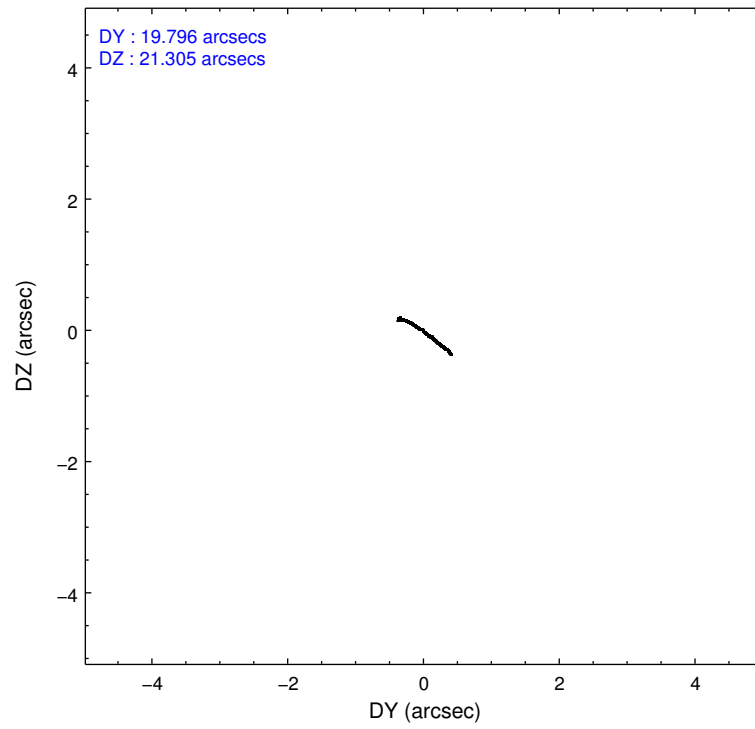
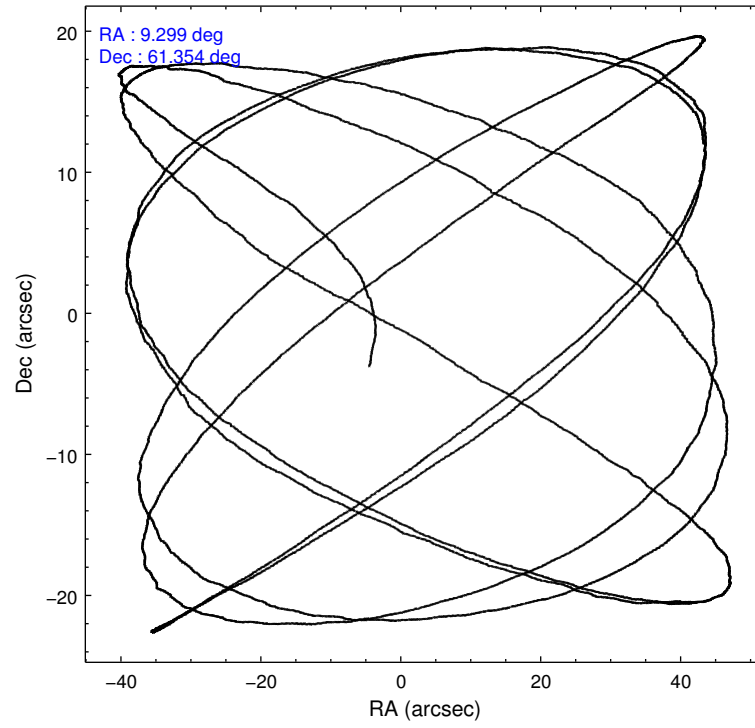
Level 1 Events

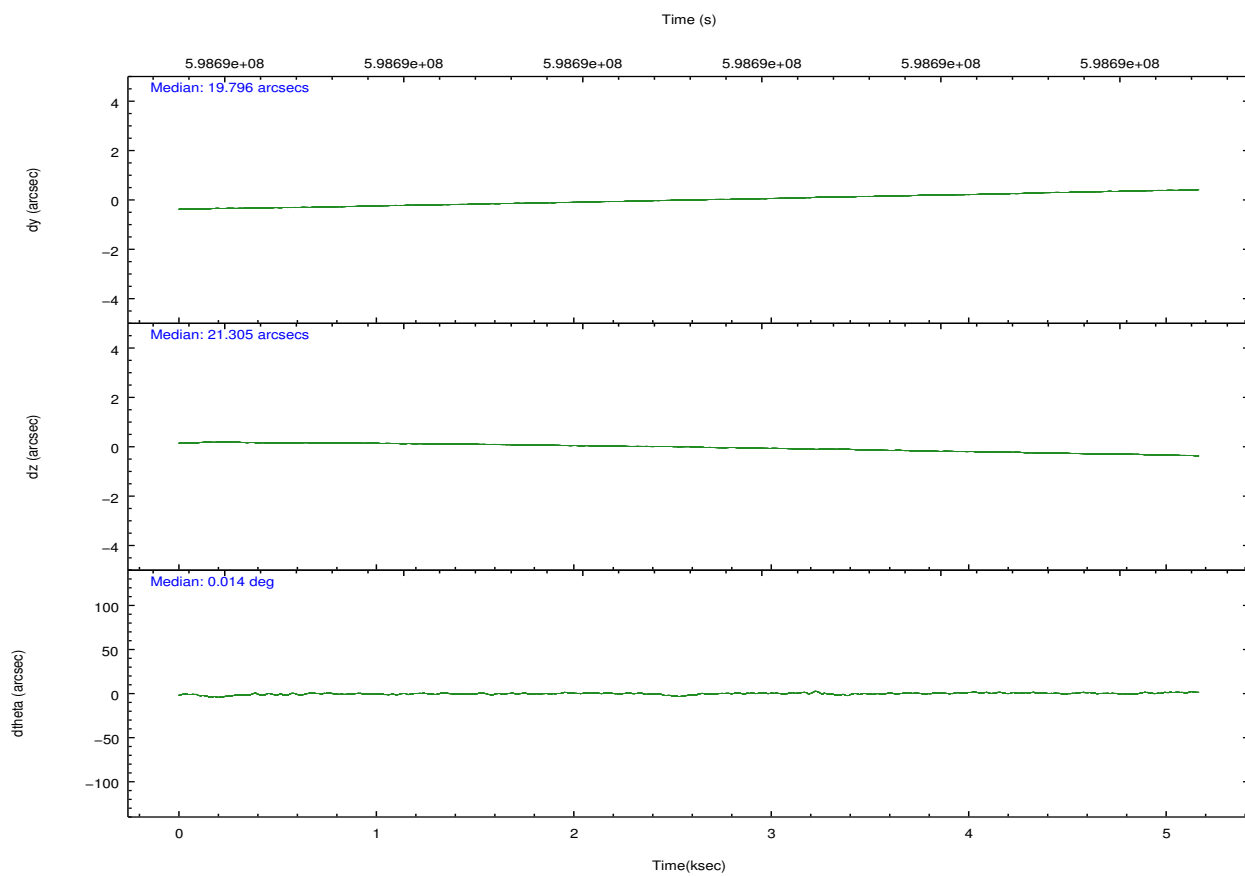
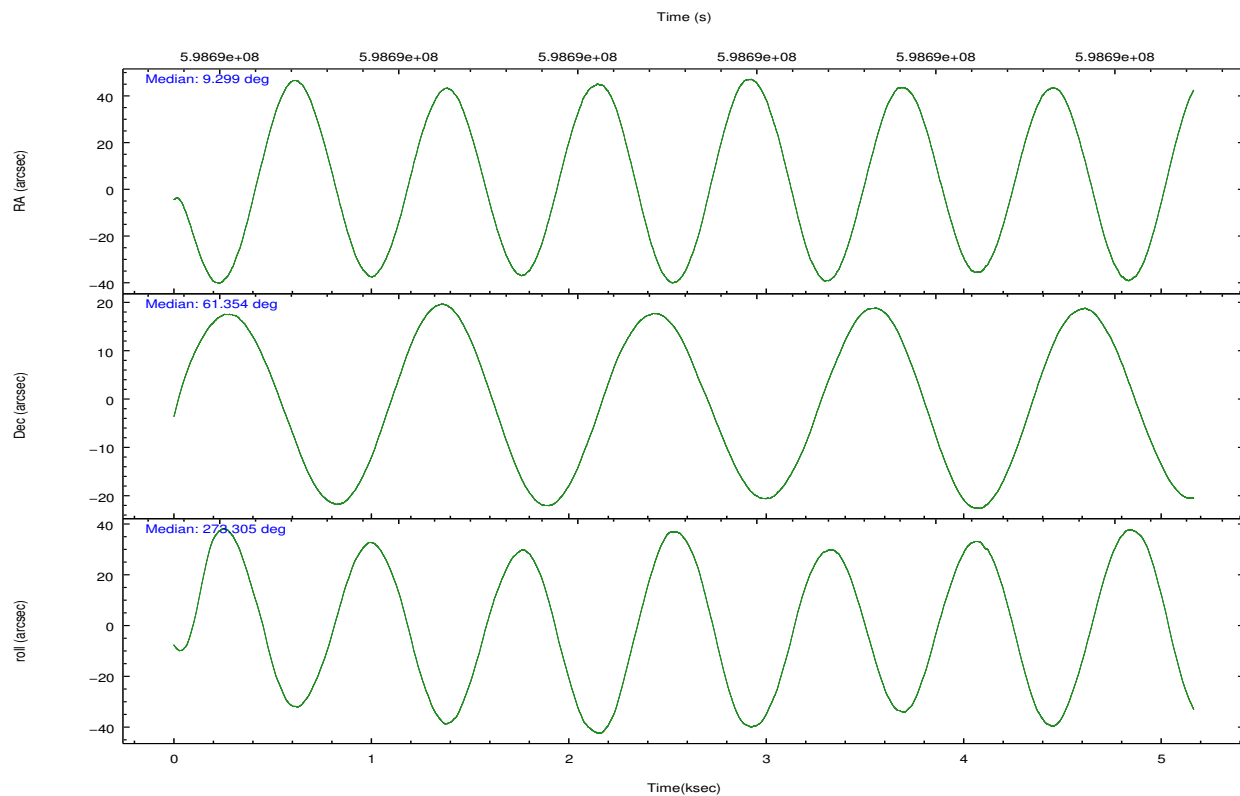
	segment 0
level 1 events	819180
rejected events	140715
rejected %	17%

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	9.267579	9.299540574926084			
[deg] Pointing Dec	61.375801	61.35348696297522			
[deg] Pointing Roll	273.427527	273.3039972227552			
[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)	598688166.184000	598686973.05964			
Observation start date	2016-12-21T06:14:58	2016-12-21T05:56:13			
[s] Observation end time (MET)	598693166.184000	598693773.93503			
Observation end date	2016-12-21T07:38:18	2016-12-21T07:49:33			

2.3 Aspect



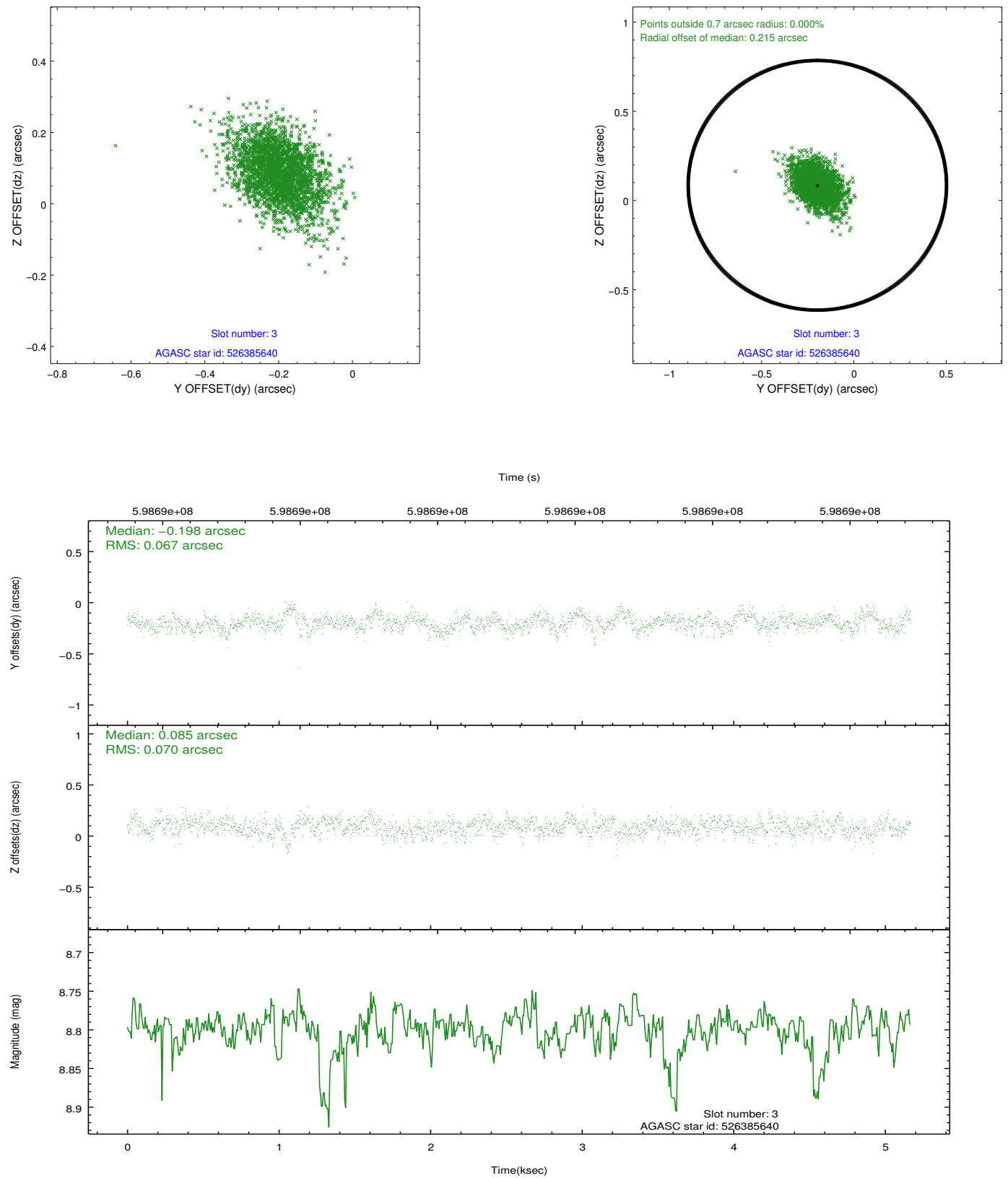


Slot Statistics

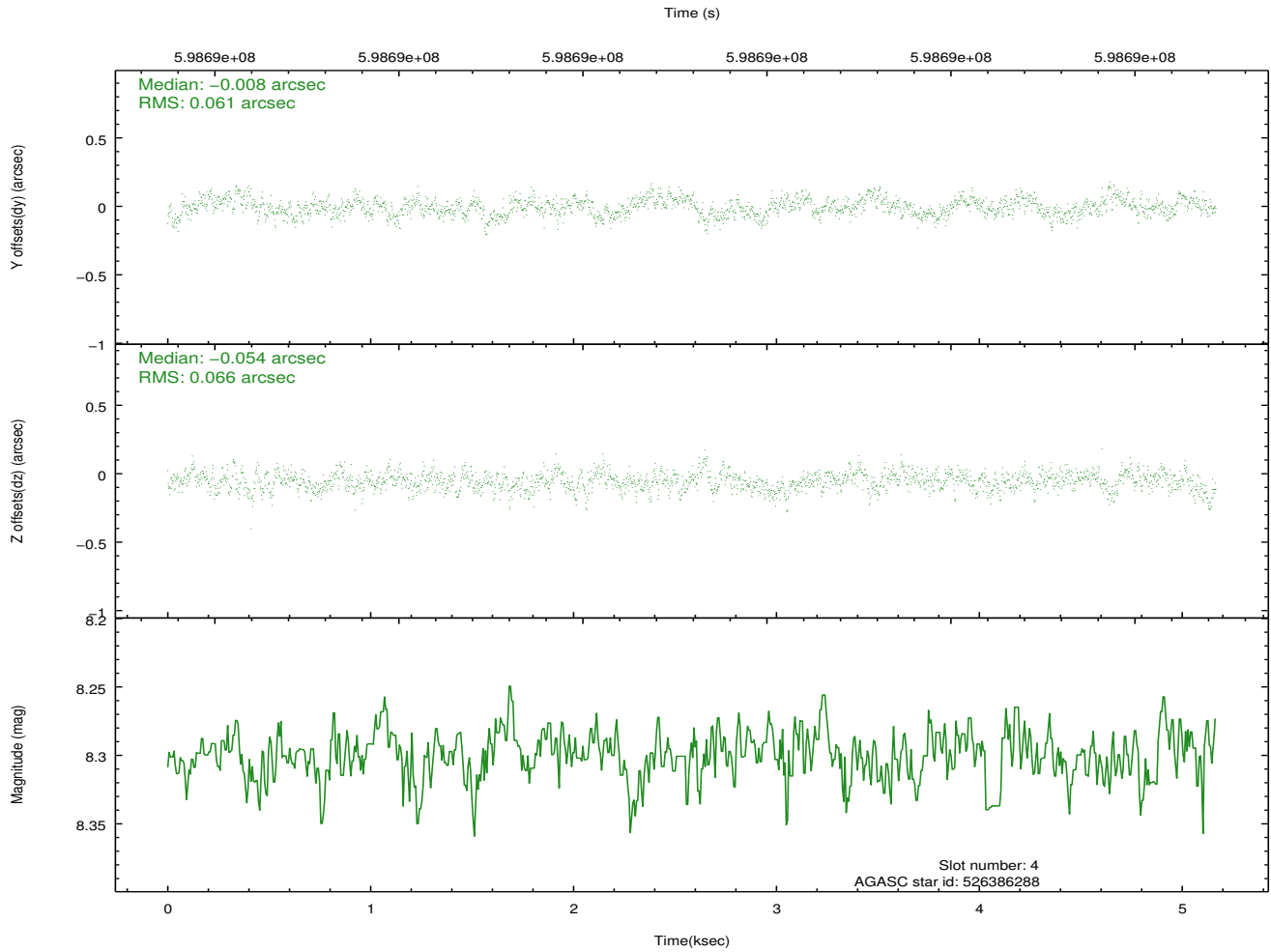
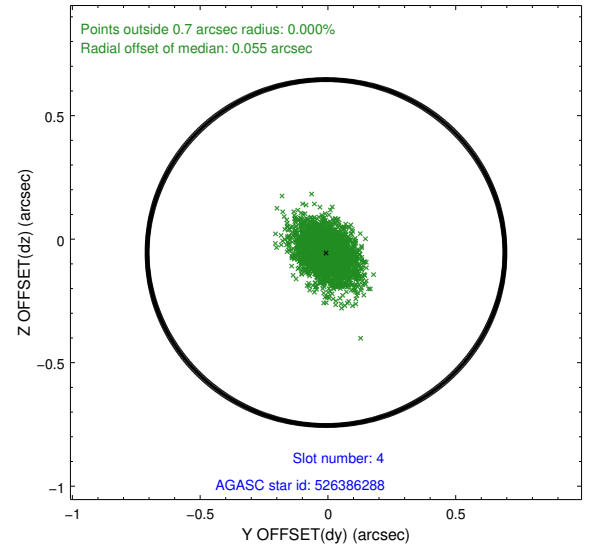
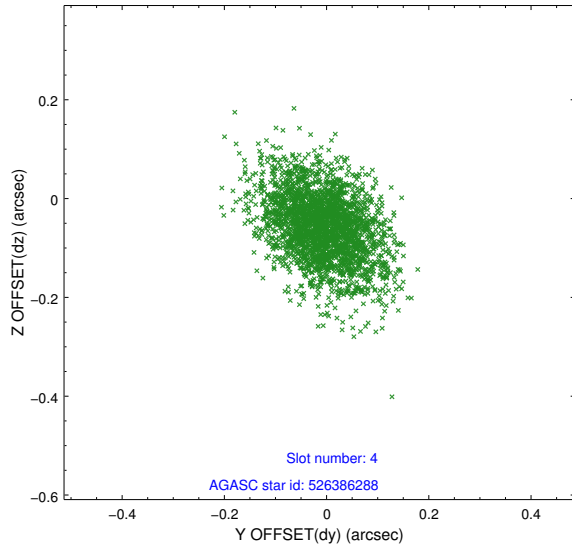
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.01	1260	-0.273	-0.160	0.017	0.027	0.000000	0.000000	-776.13	-1309.61
1	FID		HRC-I-2	7.04	1260	0.229	-0.081	0.012	0.020	0.000000	0.000000	836.38	-1312.30
2	FID		HRC-I-4	7.03	1260	0.159	0.149	0.017	0.028	0.000000	0.000000	1267.98	991.63
3	GUIDE	used	526385640	8.80	2521	-0.198	0.085	0.100	0.171	10.214882	61.872165	-1698.69	1713.27
4	GUIDE	used	526386288	8.30	2519	-0.008	-0.054	0.093	0.157	9.676772	61.732591	-1242.53	774.71
5	GUIDE	used	526390144	8.71	2519	0.384	0.281	0.112	0.181	8.961846	61.459813	-333.91	-505.42
6	GUIDE	used	526393512	9.06	2520	0.023	-0.099	0.133	0.224	9.875932	60.866823	1888.93	956.13
7	GUIDE	used	526398368	8.20	2520	-0.208	-0.211	0.095	0.156	10.027086	60.849097	1966.02	1217.50

2.4 Star Slots

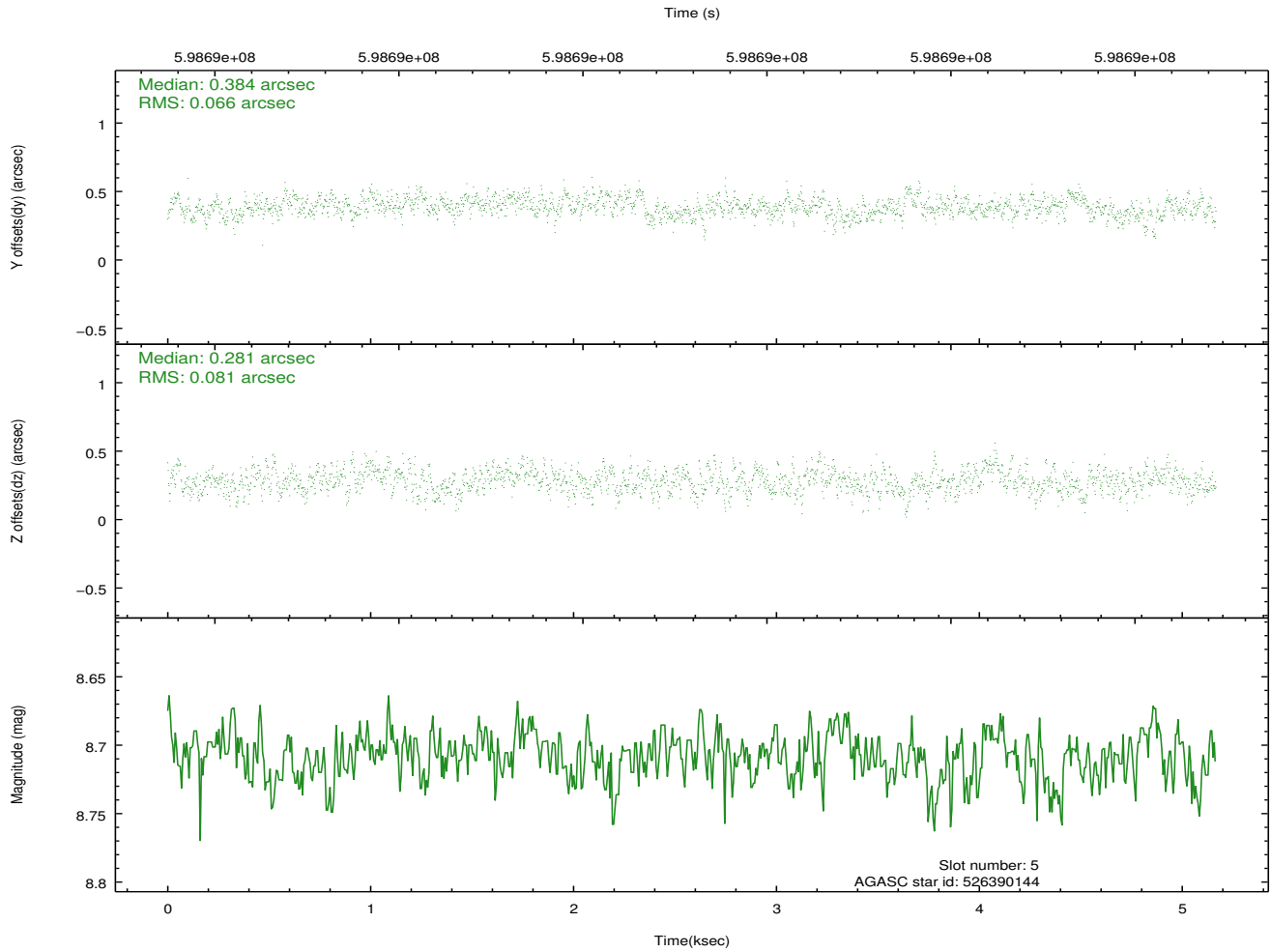
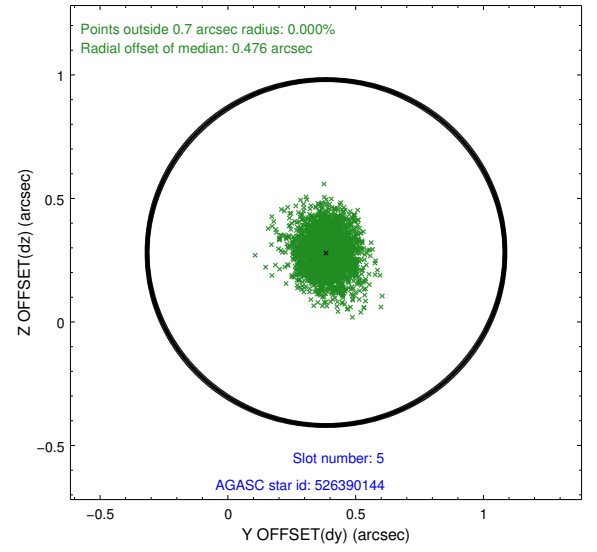
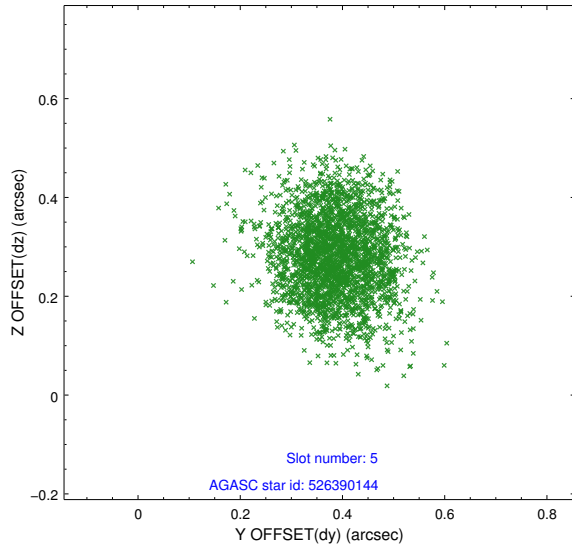
2.4.1 Slot 3



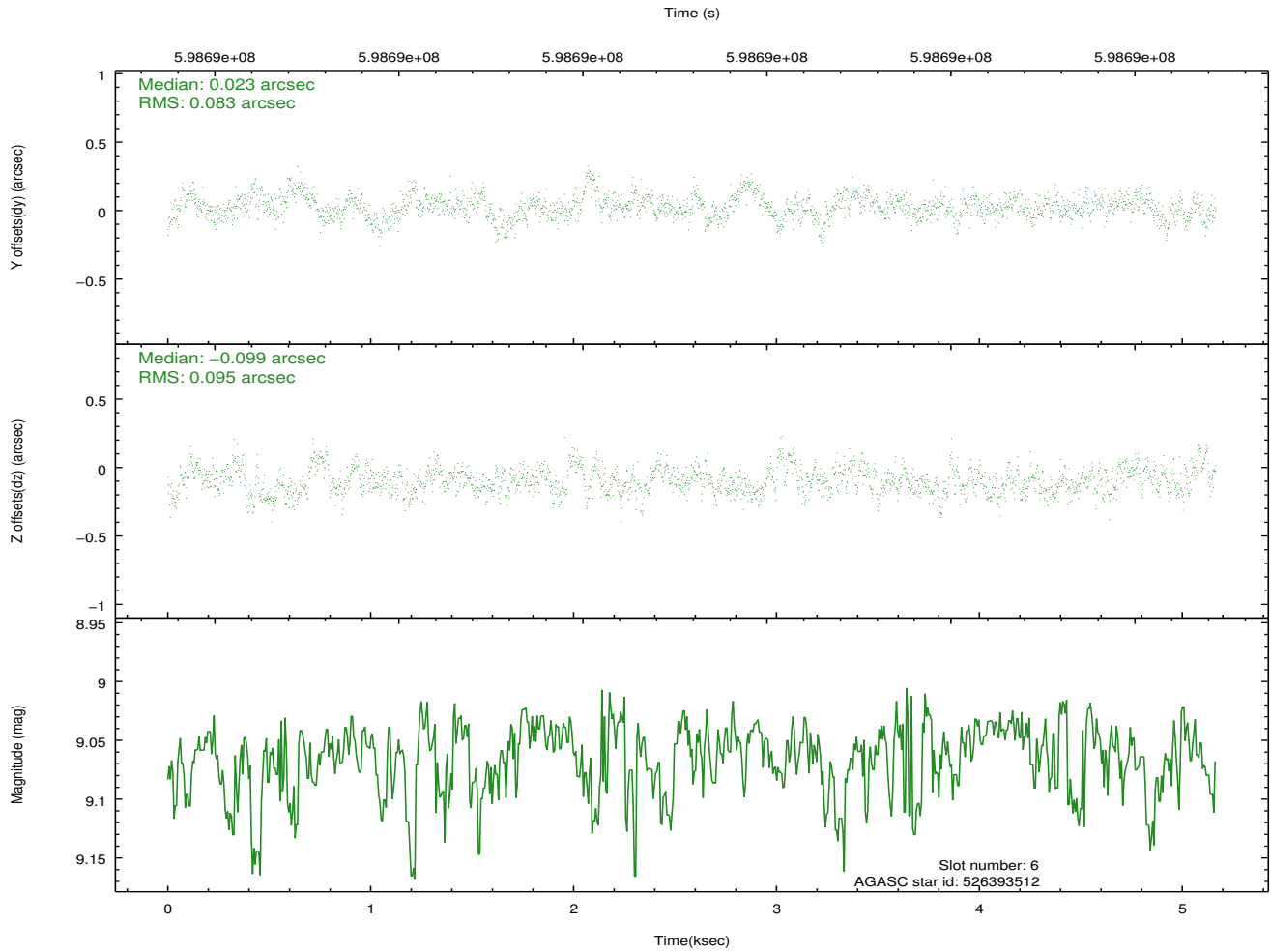
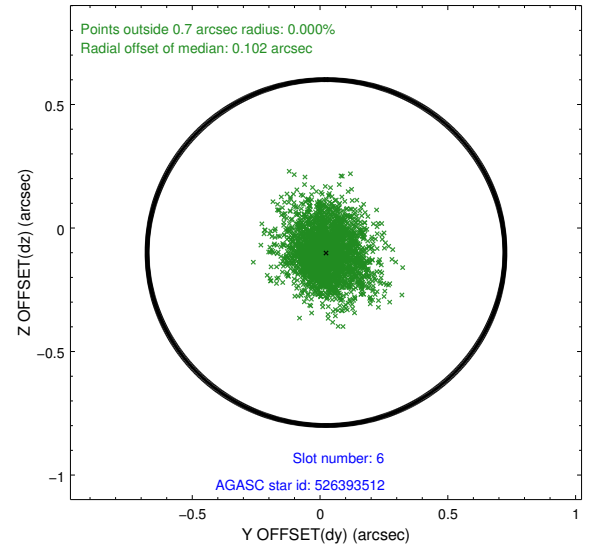
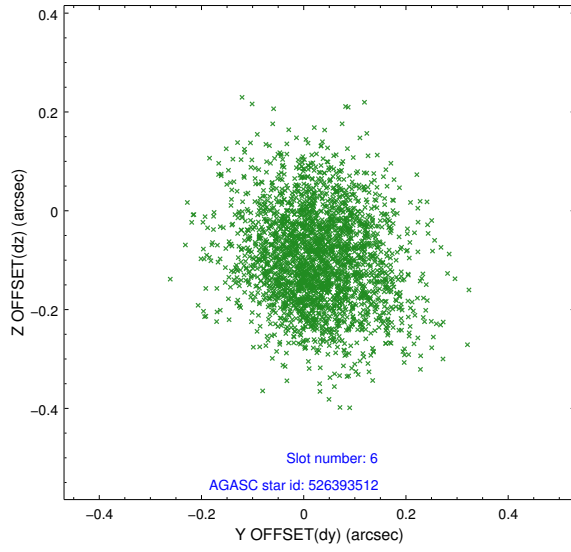
2.4.2 Slot 4



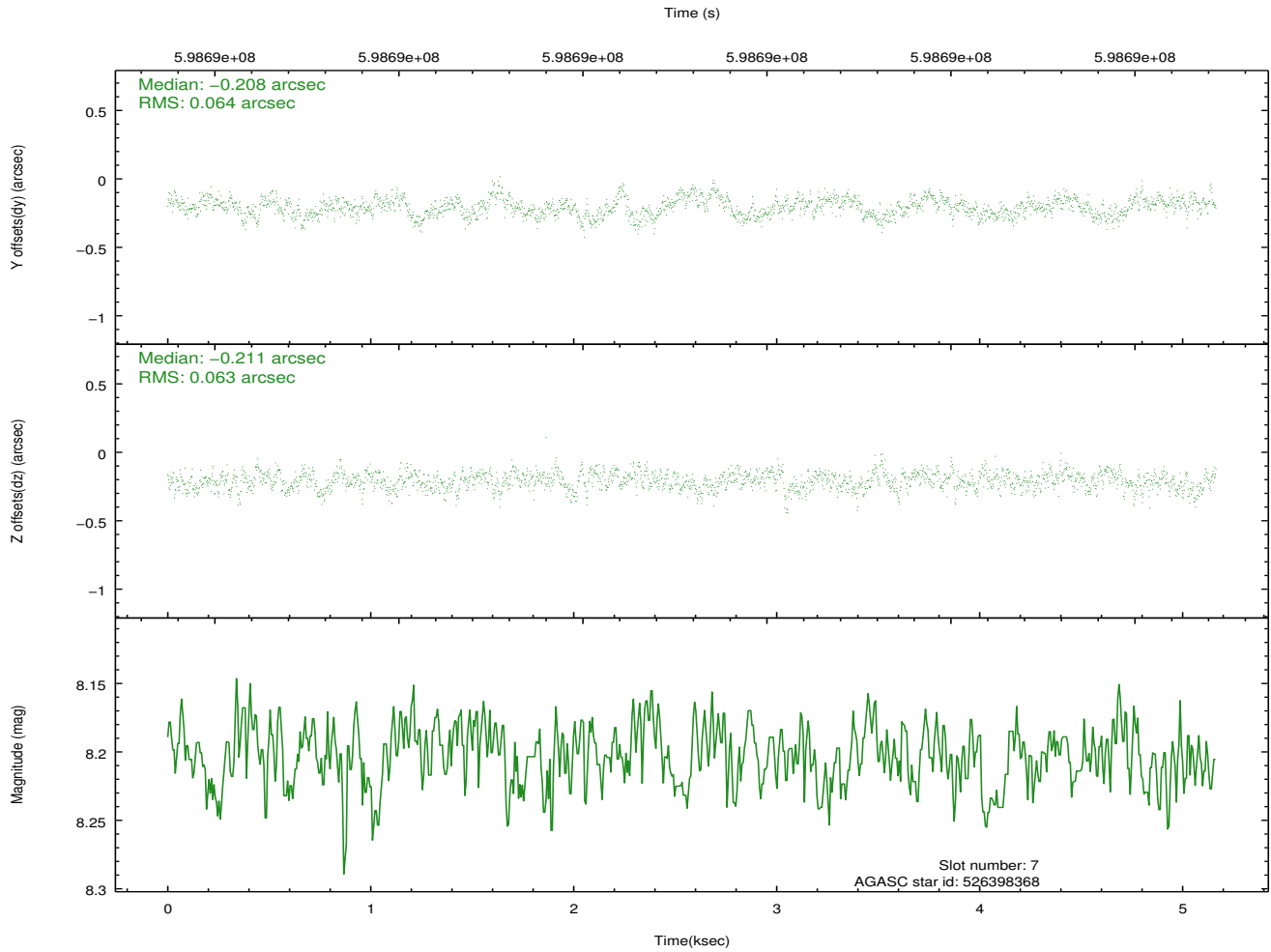
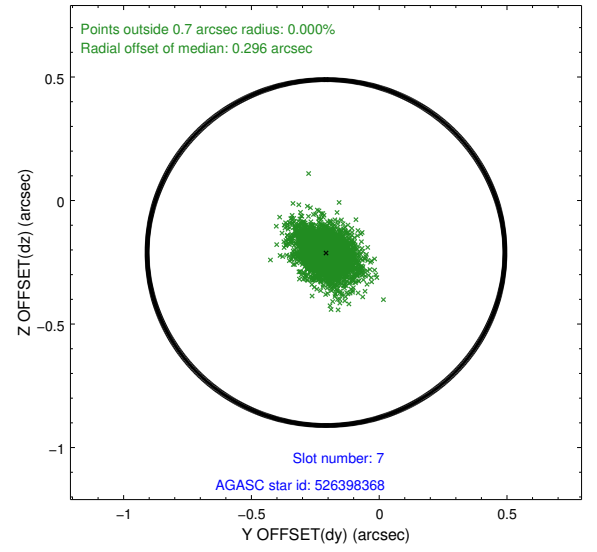
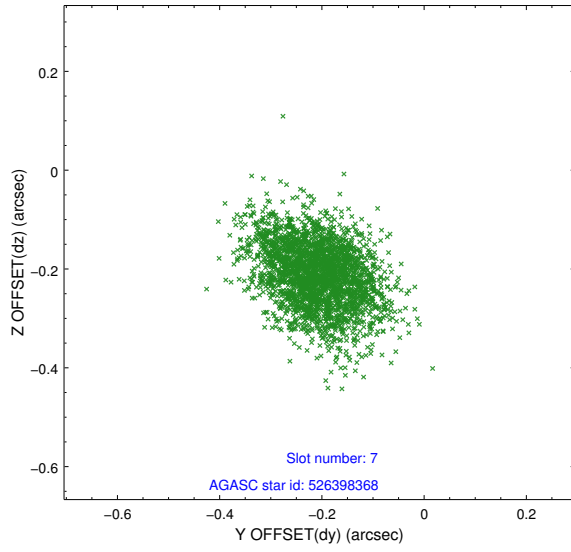
2.4.3 Slot 5



2.4.4 Slot 6

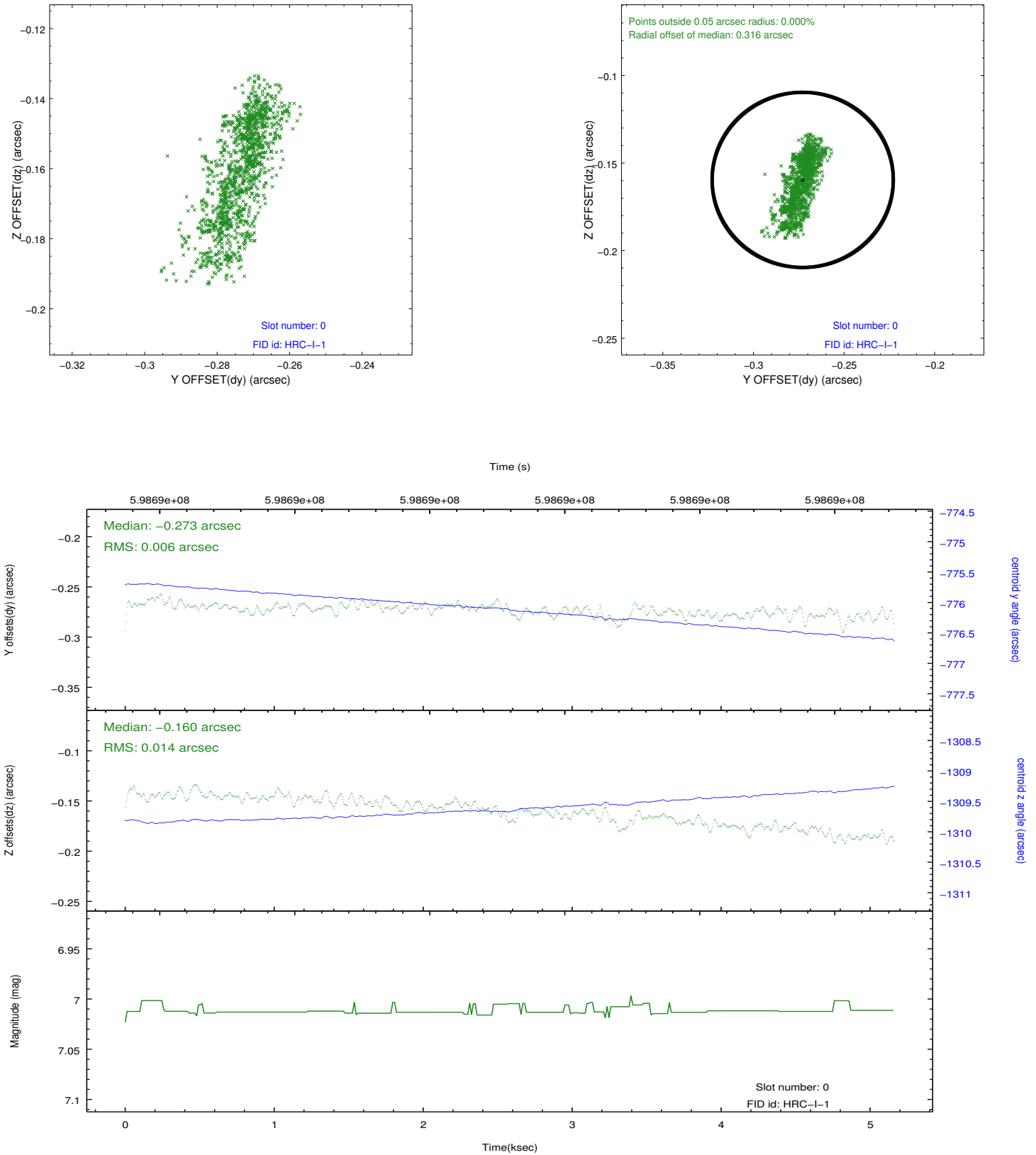


2.4.5 Slot 7

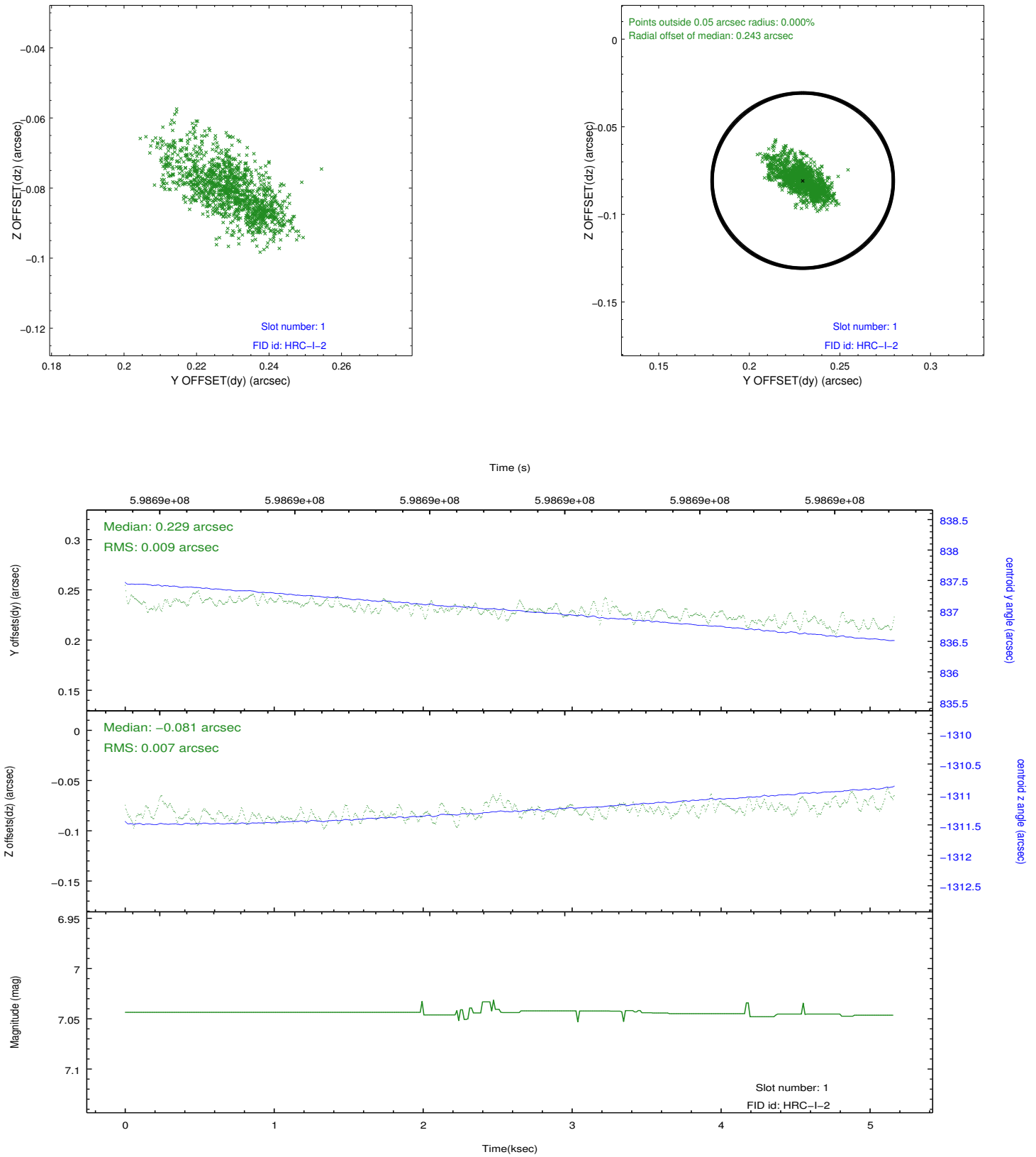


2.5 FID Slots

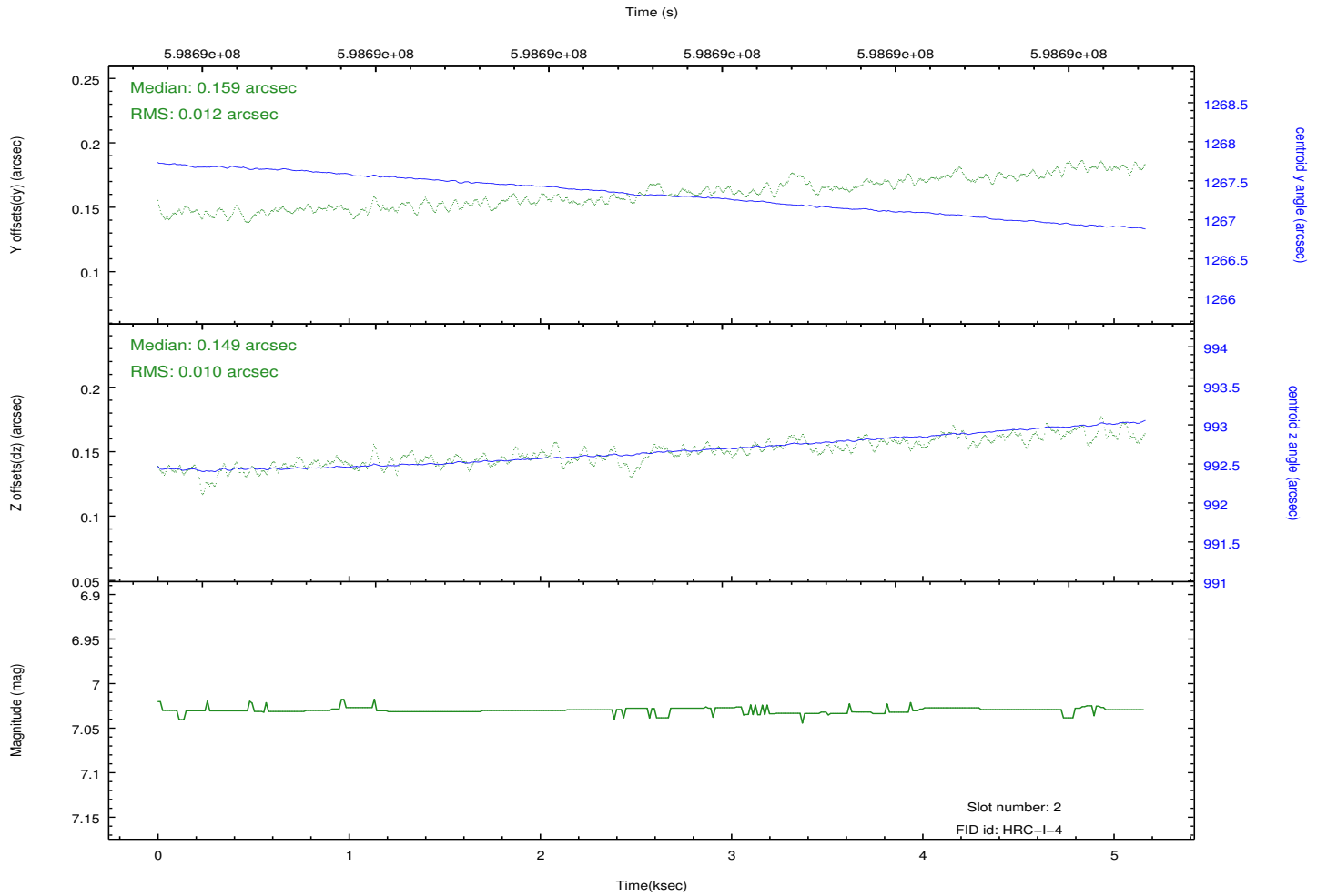
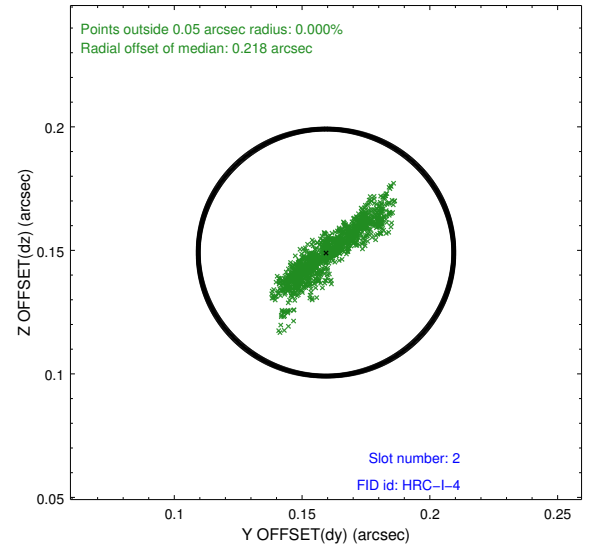
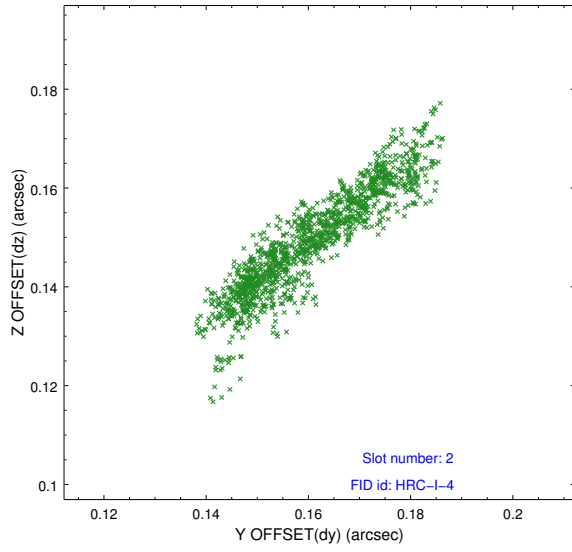
2.5.1 Slot 0



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)	2016.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1649752987623

A.2 Comments