

V&V Reference Report

L2 ASCDS Version : 10.5.2

Observation 19790 - L2 Version 1
Chandra X-Ray Center

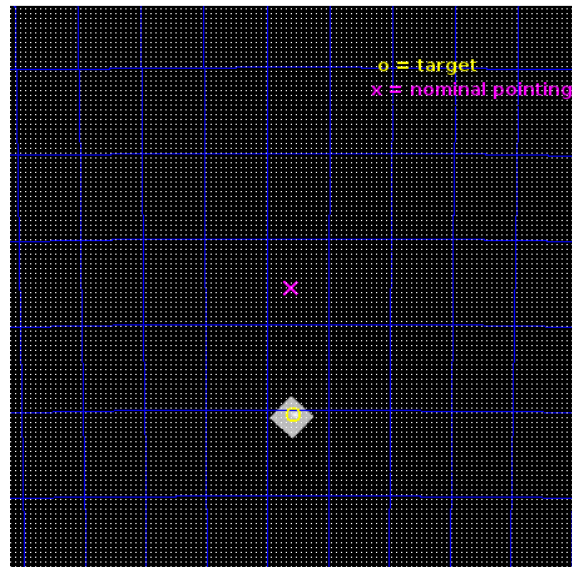
L2 Processing Date : Nov 4 2016

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1 Front

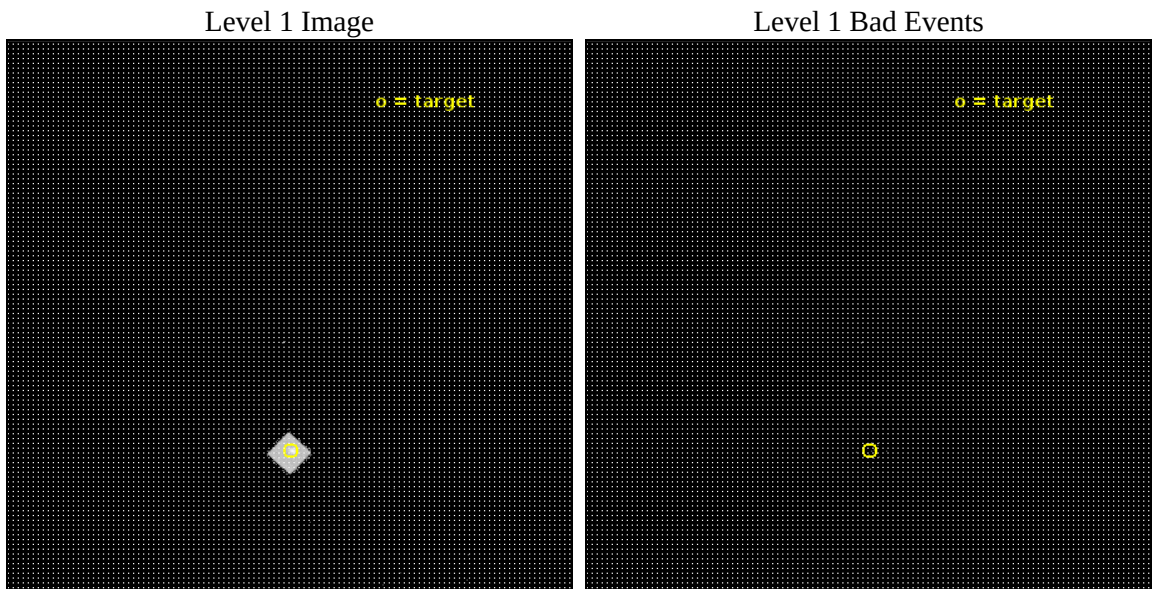
seq_num	201153	Sequence number
obs_id	19790	Observation id
title	Proxima Cen's Stellar Cycle	Proposal title
observer	Bradford Wargelin	Principal investigator
object	Proxima Cen	Source name
ra_targ	217.390833	Observer's specified target RA [deg]
dec_targ	-62.675889	Observer's specified target Dec [deg]
ra_nom	217.40084992427	Nominal RA [deg]
dec_nom	-62.429036391437	Nominal Dec [deg]
roll_nom	177.74529835014	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10889.728749633	[s]
livetime	9663.3663589462	Ontime multiplied by DTCOR
l2events	19318	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	11250.000000	[s] Scheduled observation exposure time
ascdsver	10.5.2	Processing system revision	ontime	10922.400630116	[s]
caldsver	4.7.2	 	l1events	23217	Number of level 1 events
date	2016-11-04T18:54:44	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

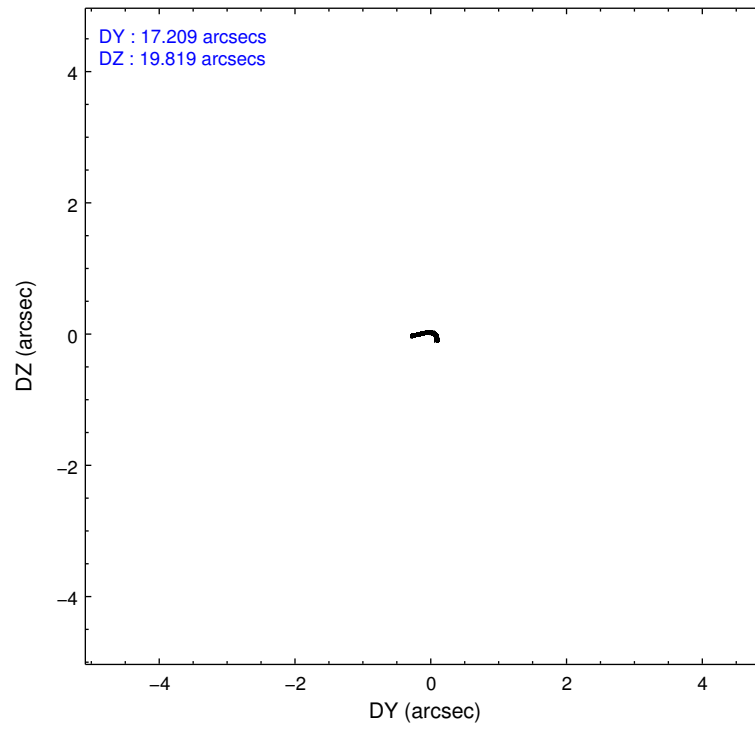
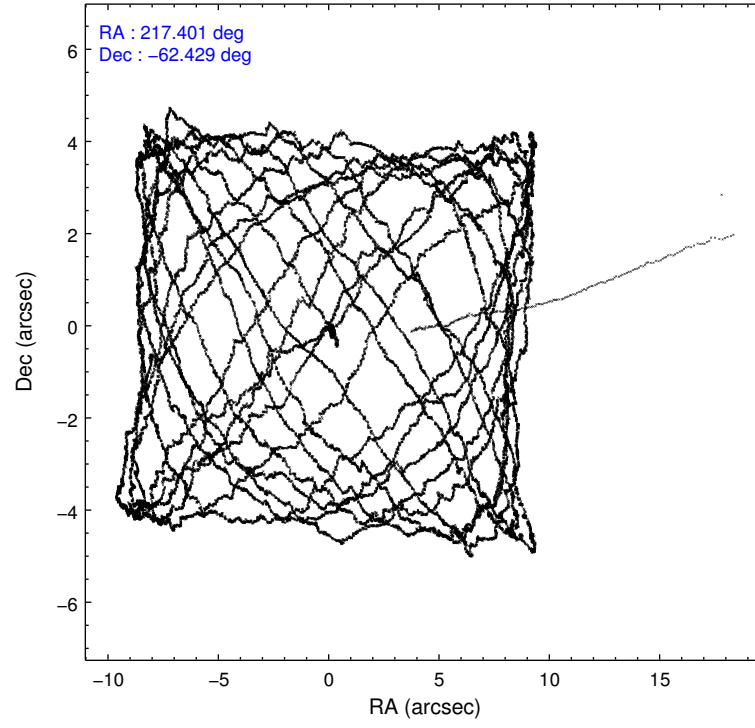
Level 1 Events

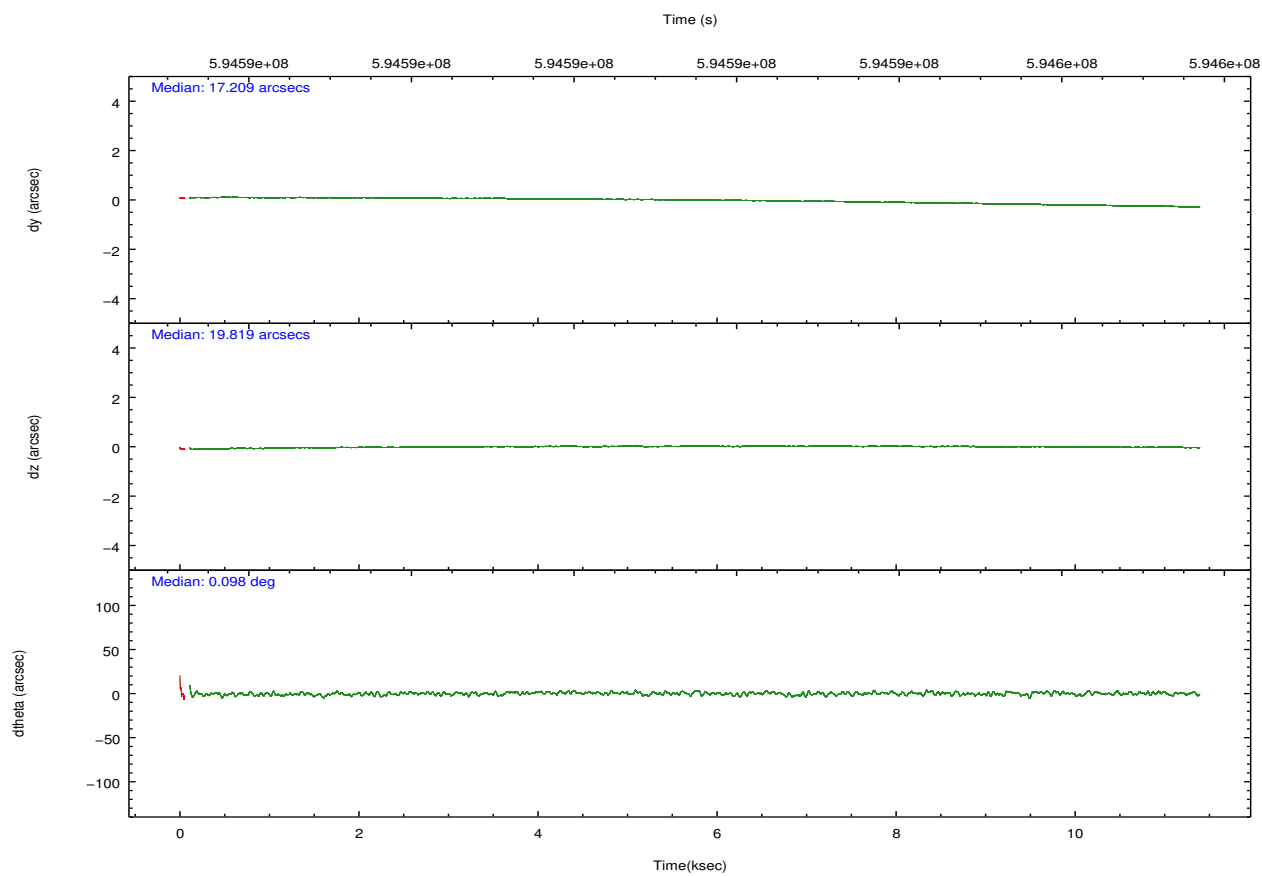
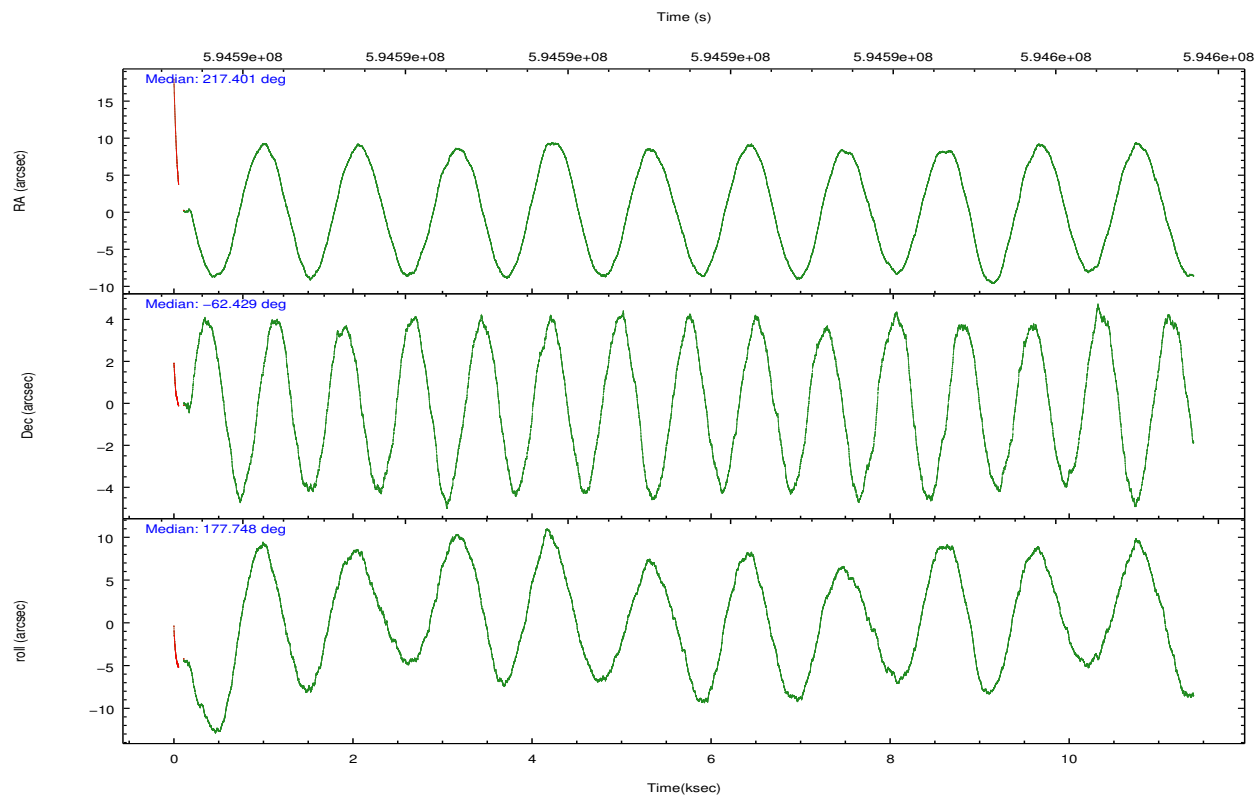
	segment 0
level 1 events	23217
rejected events	150
rejected %	0%

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	OVERRIDE	OVERRIDE
Data mode	NEXT_IN_LINE	NEXT_IN_LINE			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	217.452455	217.4008499242691			
[deg] Pointing Dec	-62.415782	-62.42903639143721			
[deg] Pointing Roll	177.886533	177.745298350143			
[s] Window start time (MET)	594345669.184000	594345669.184000			
[s] Window stop time (MET)	594864067.184000	594864067.184000			
[mm] SIM focus pos	-1.038866356238299	-1.038866356238299			
[mm] SIM defocus	0.00142623211714632	0.00142623211714632			
[mm] SIM translation stage pos	51.9960404362608	51.9960404362608			
[mm] SIM translation stage offset	74.989453869027	74.989453869027			
[s] Observation start time (MET)	594583155.884000	594583155.8839999			
Observation start date	2016-11-03T17:59:15	2016-11-03T17:59:15			
[s] Observation end time (MET)	594597145.084000	594597145.084			
Observation end date	2016-11-03T21:52:25	2016-11-03T21:52:25			

2.3 Aspect



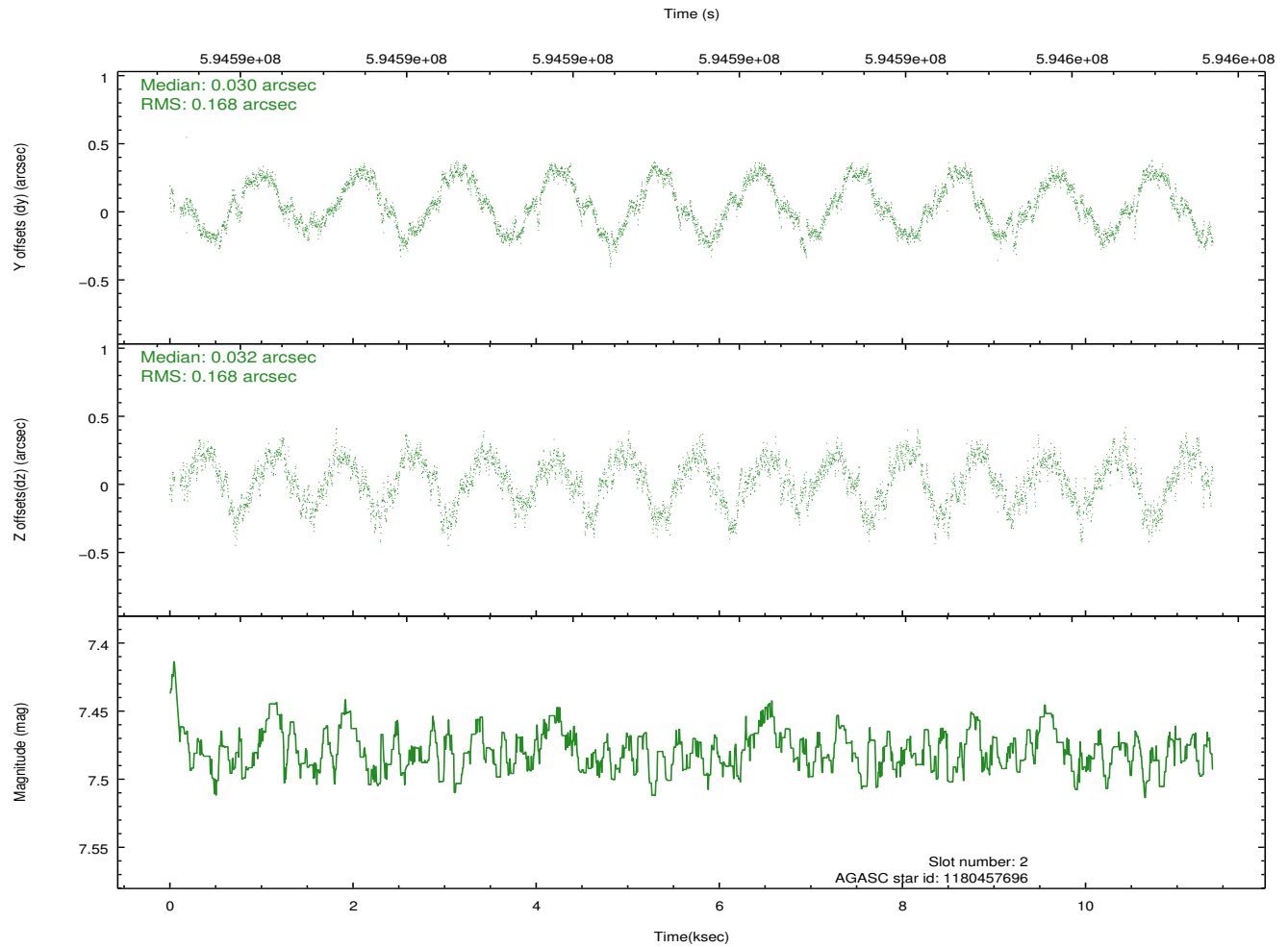
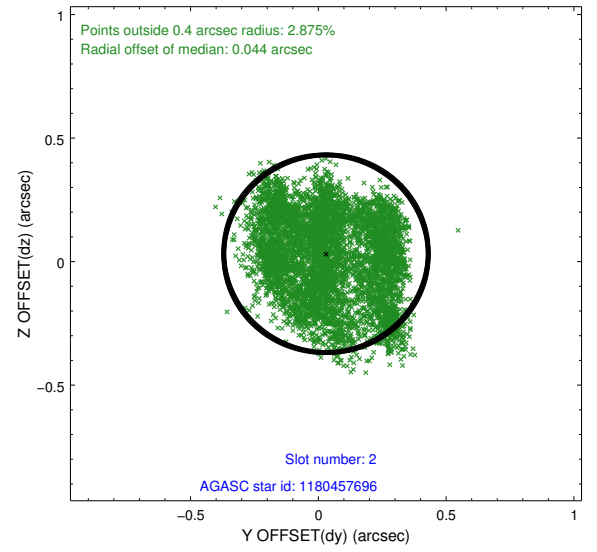
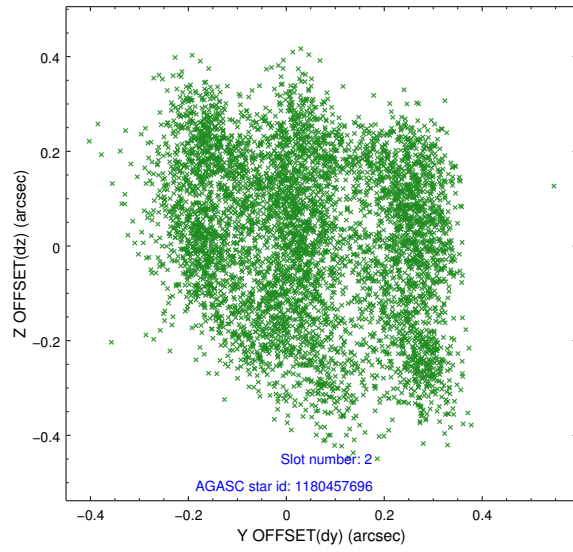


Slot Statistics

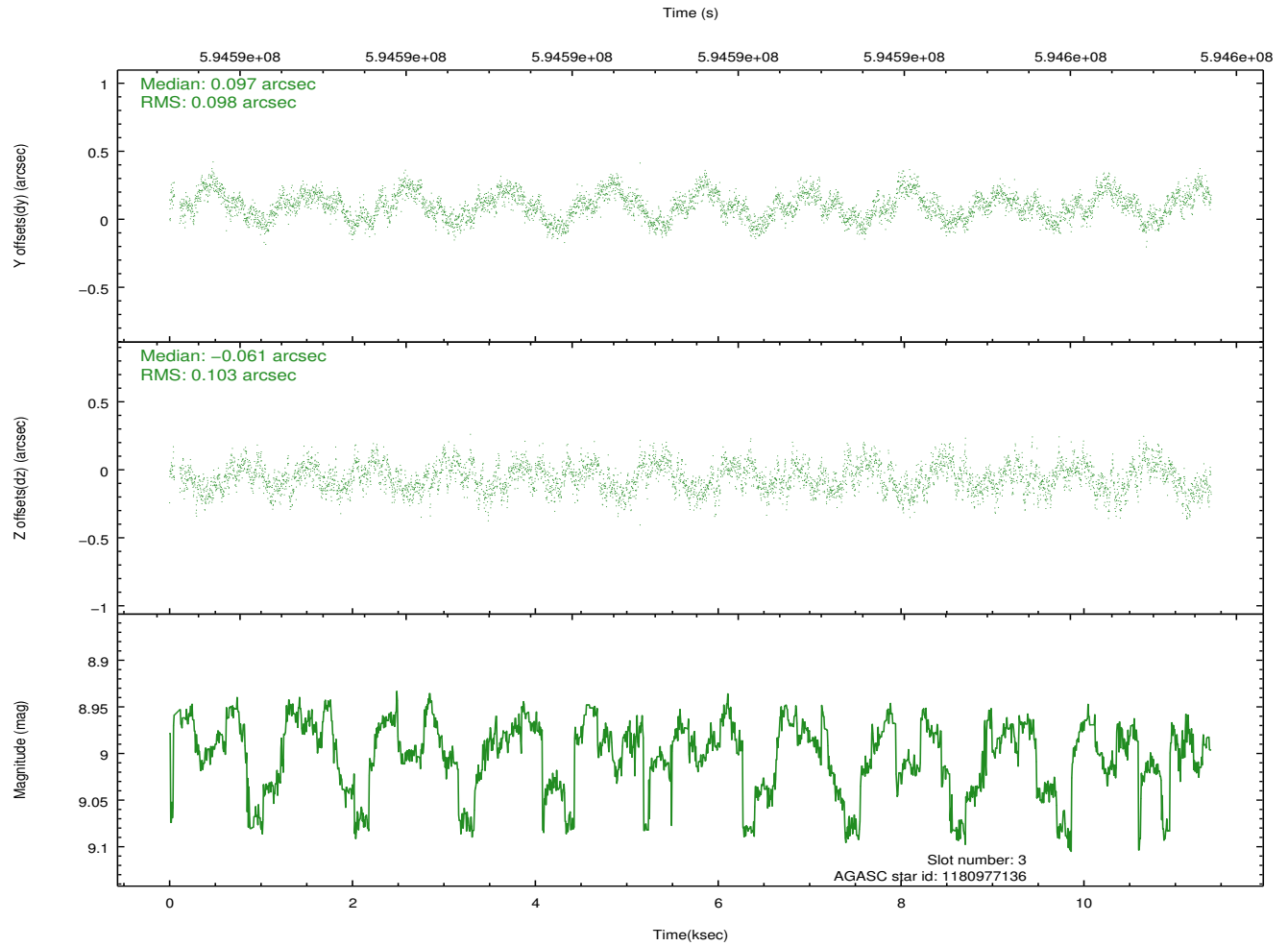
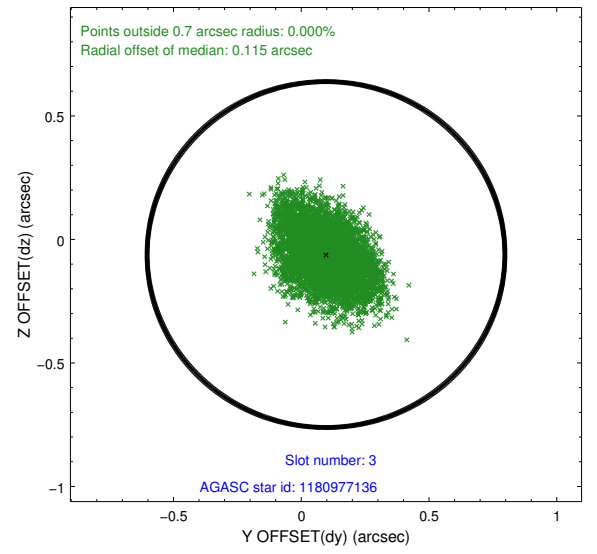
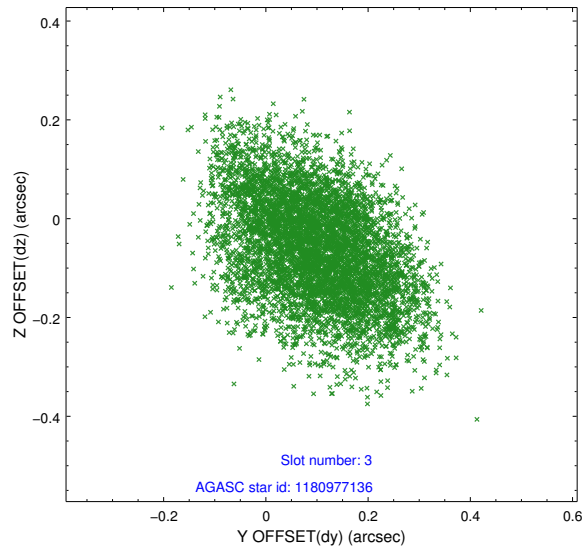
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.90	2765	-0.770	-0.029	0.004	0.008	0.000000	0.000000	-771.86	229.81
1	FID		HRC-I-2	7.02	2765	0.849	-0.025	0.004	0.008	0.000000	0.000000	839.03	230.95
2	GUIDE	used	1180457696	7.48	5530	0.030	0.032	0.260	0.373	216.346800	-61.748158	1971.55	-2315.65
3	GUIDE	used	1180977136	9.00	5527	0.097	-0.061	0.153	0.243	217.148159	-62.209003	538.84	-723.78
4	GUIDE	used	1180985824	8.77	5526	-0.065	-0.021	0.164	0.256	216.565550	-62.139830	1527.91	-927.06
5	GUIDE	used	1180992136	8.24	5528	-0.104	0.107	0.105	0.178	217.334663	-62.071437	244.79	-1230.88
6	GUIDE	used	1180974432	8.72	5526	0.029	-0.036	0.126	0.206	217.803607	-62.540366	-598.59	428.53
7	MONITOR	unused		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

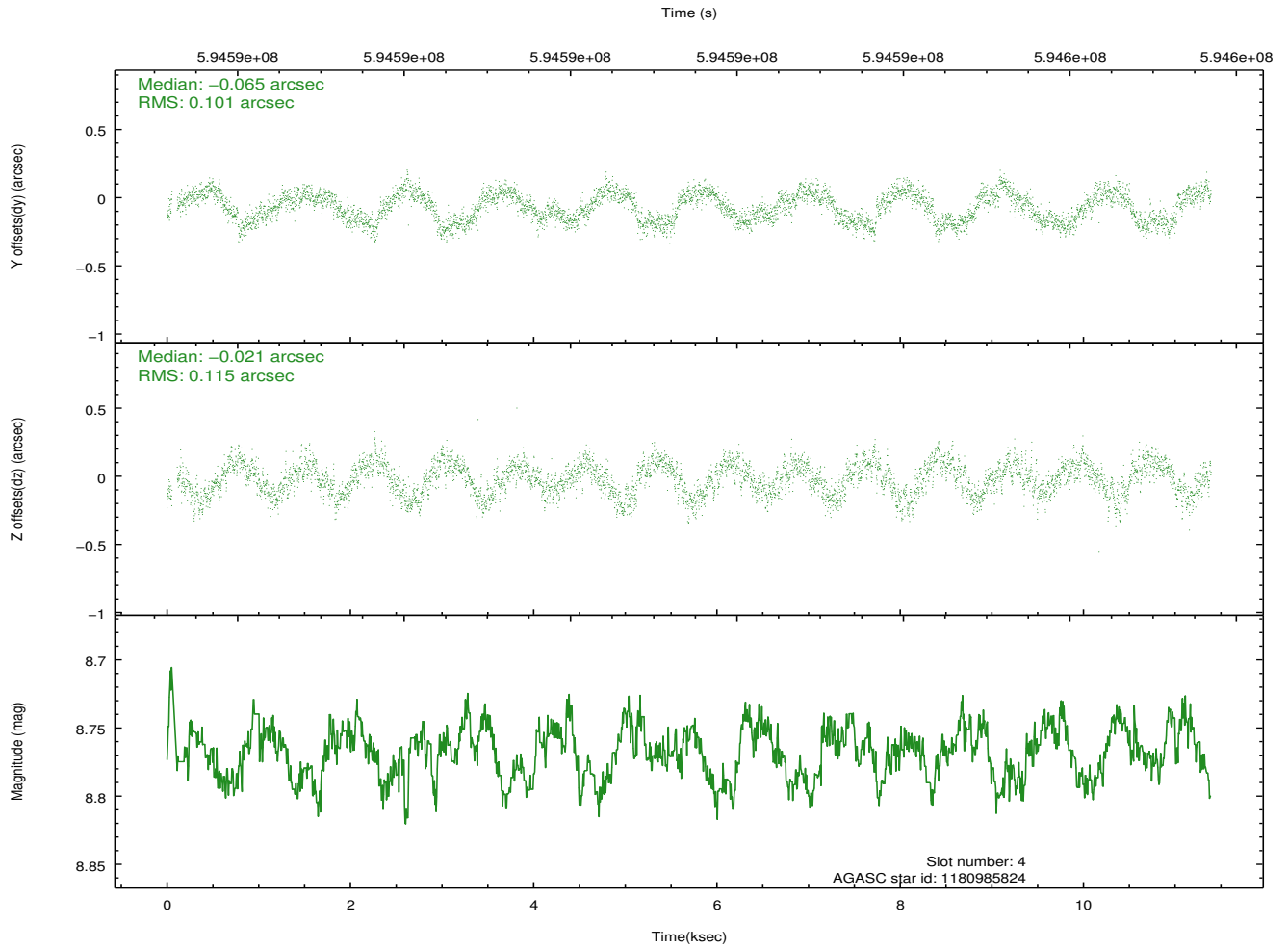
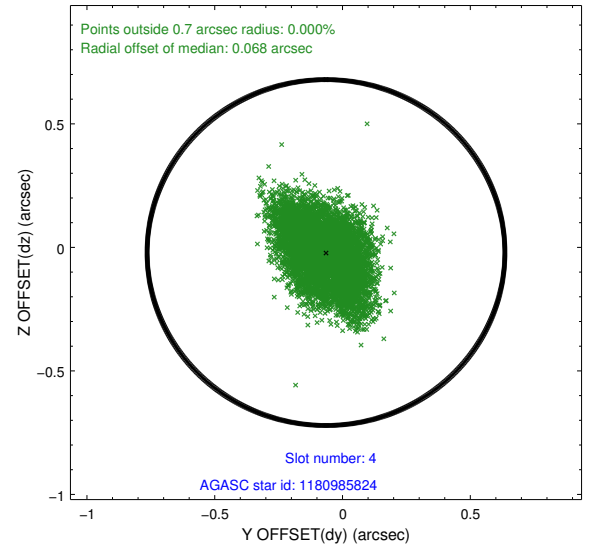
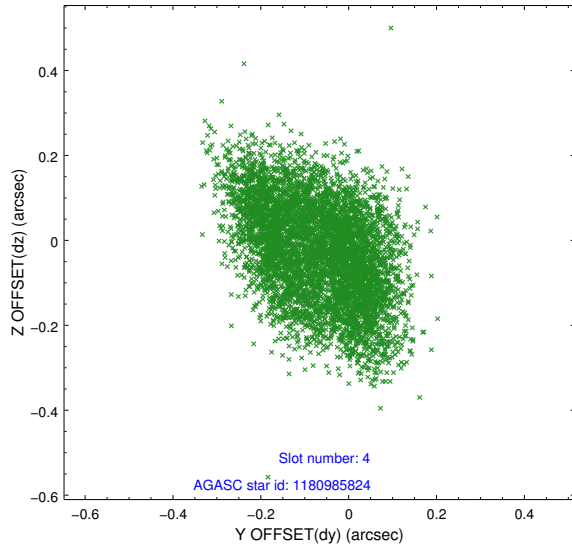
2.4.1 Slot 2



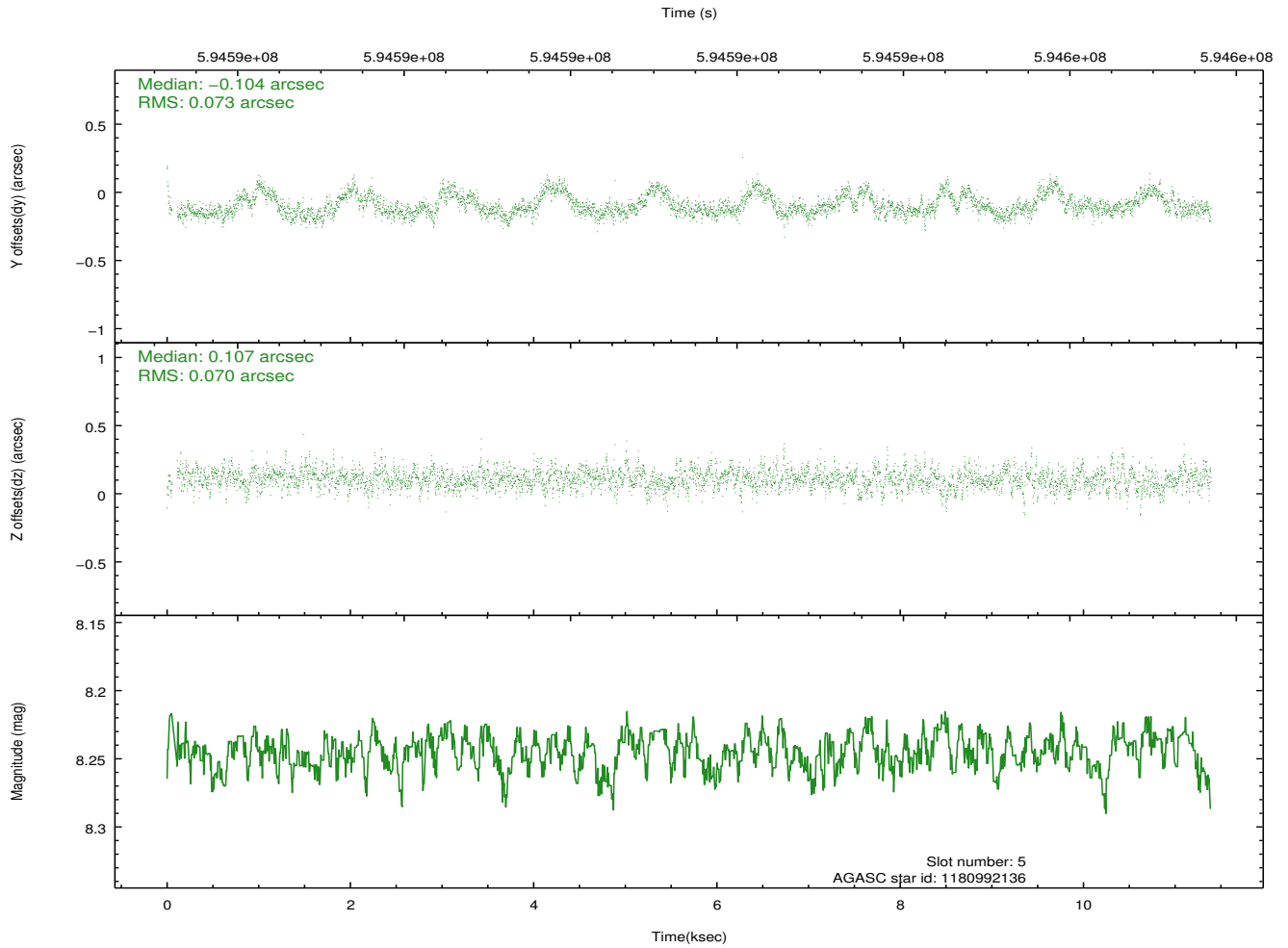
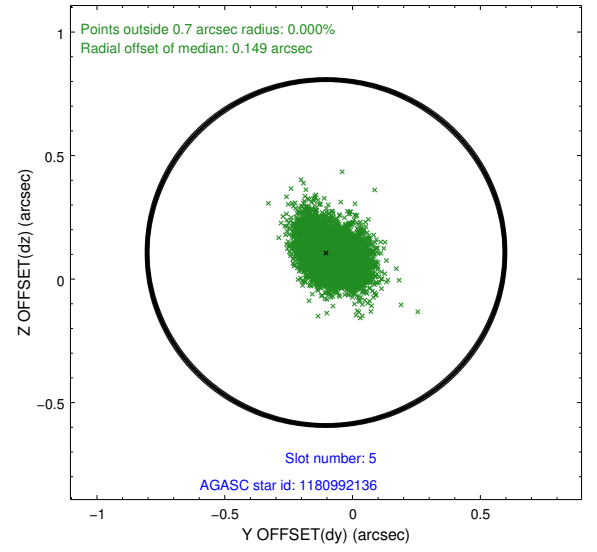
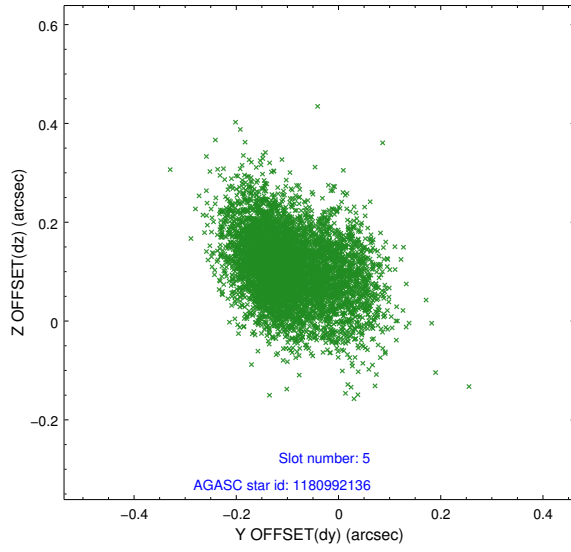
2.4.2 Slot 3



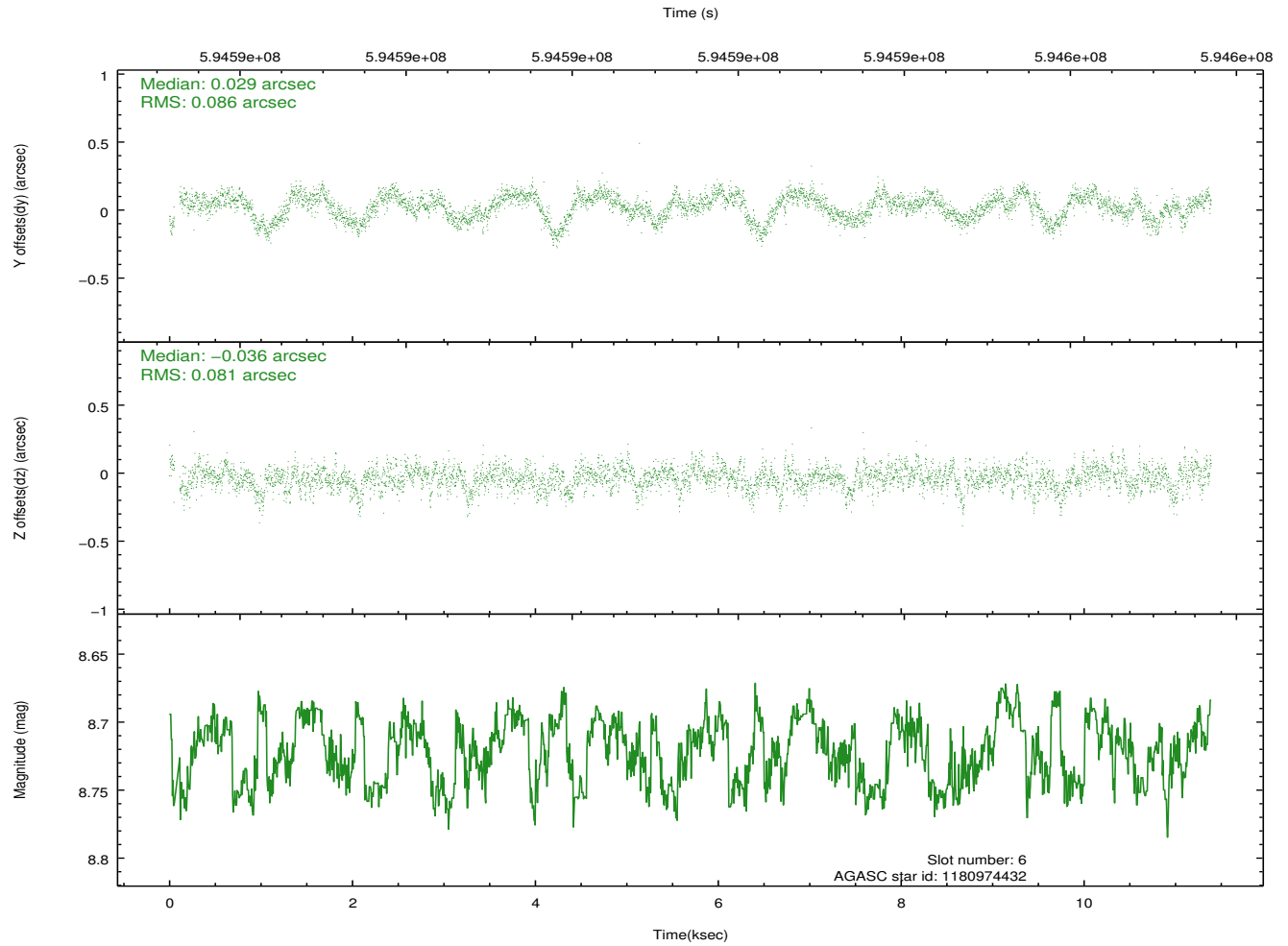
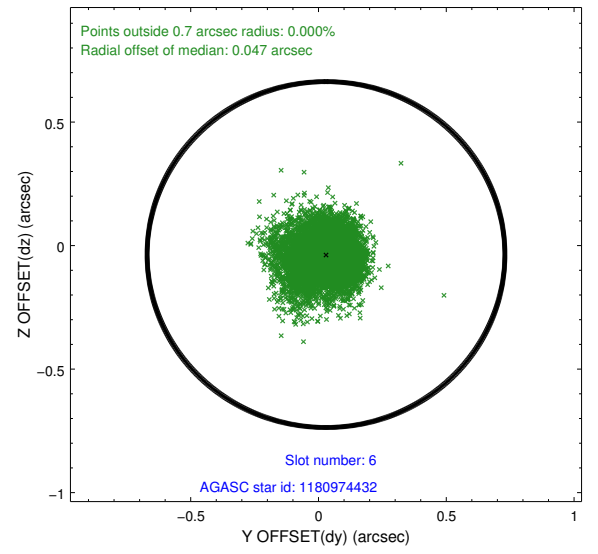
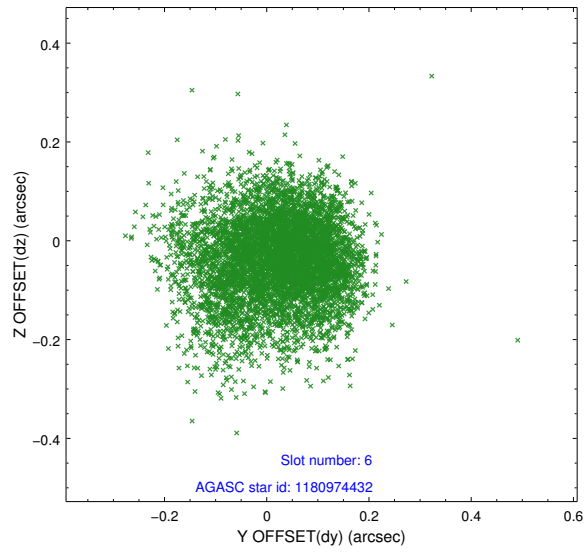
2.4.3 Slot 4



2.4.4 Slot 5

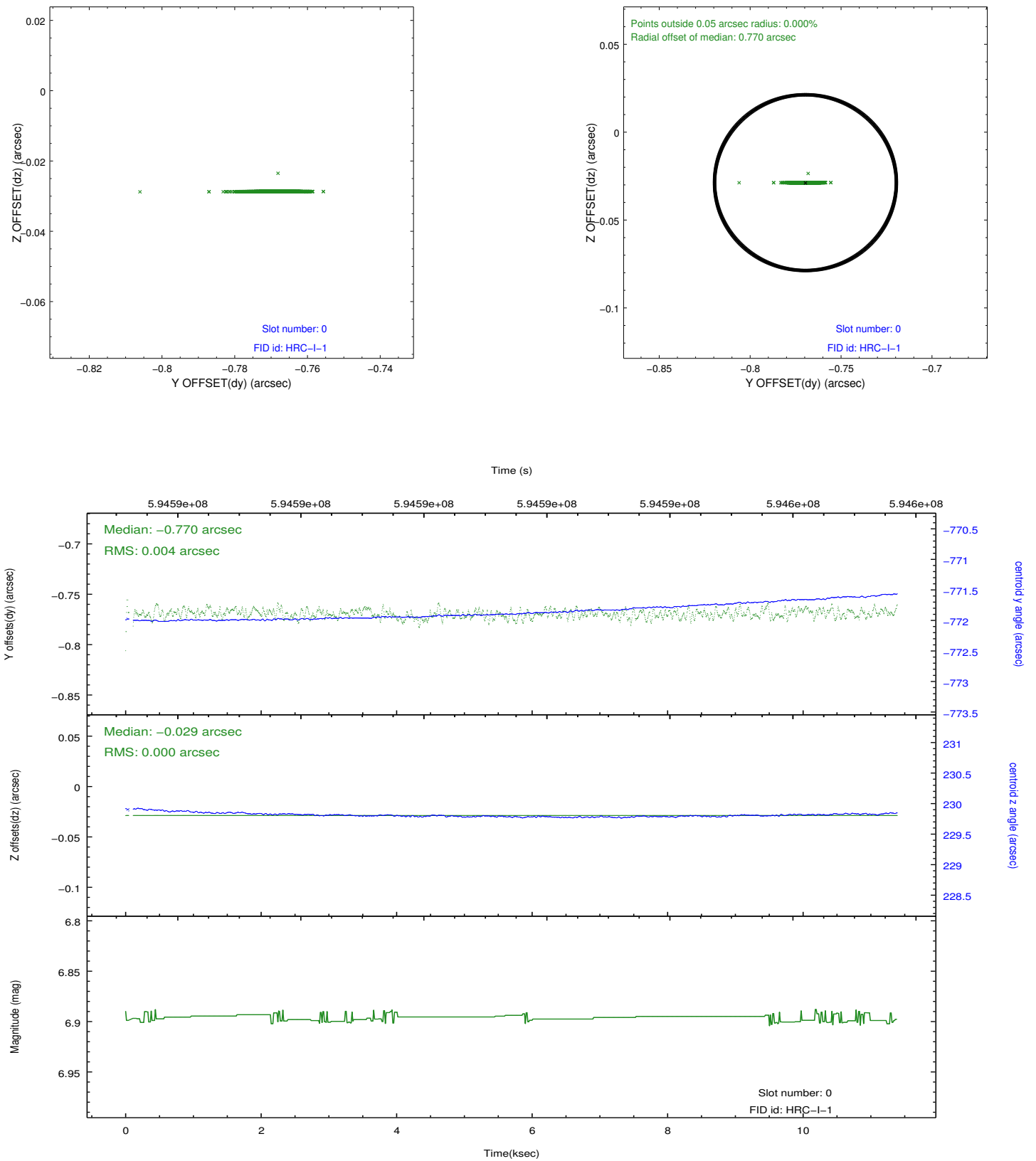


2.4.5 Slot 6

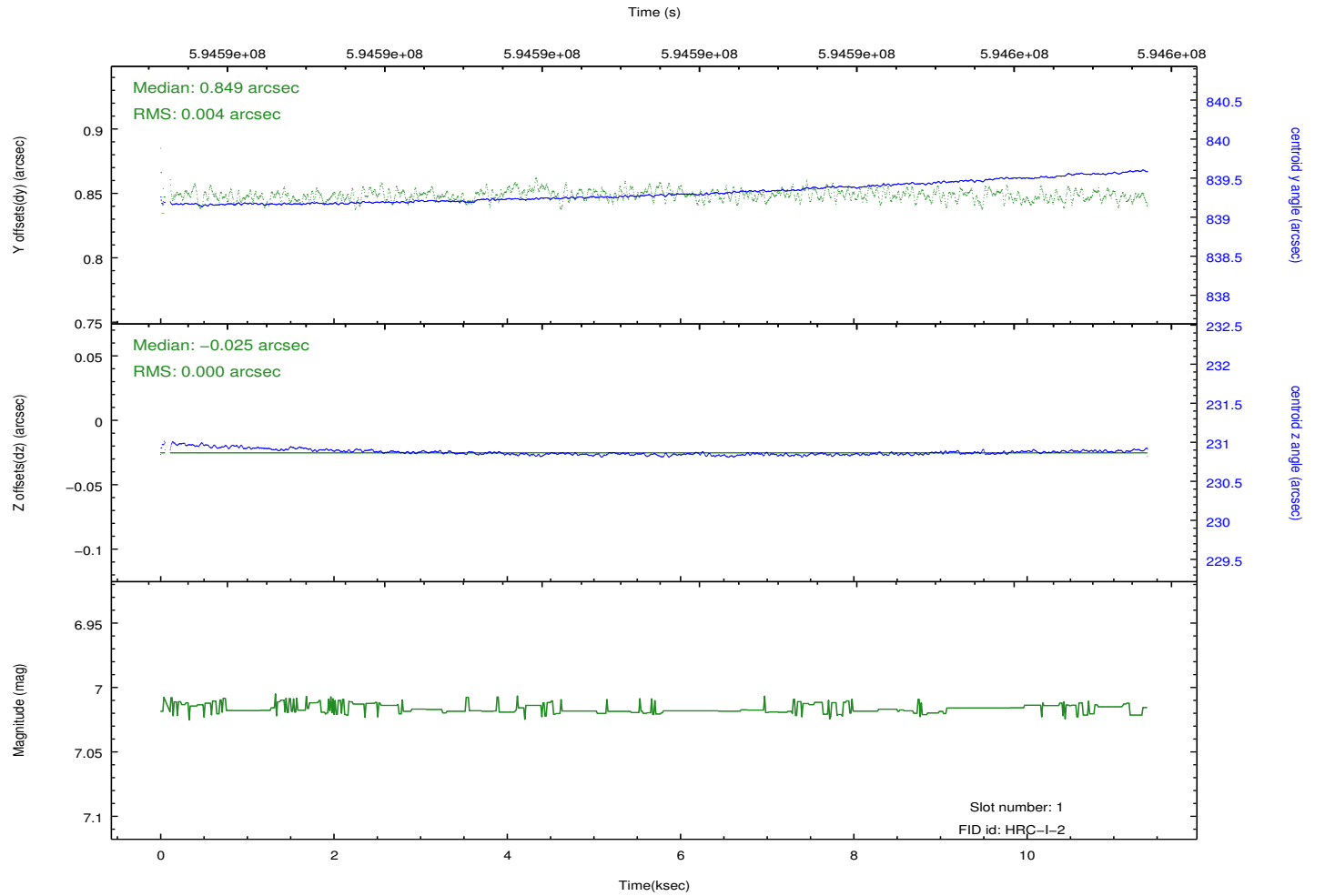
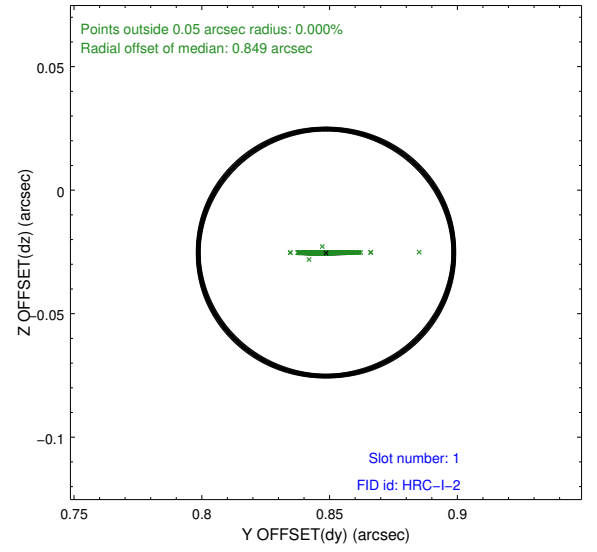
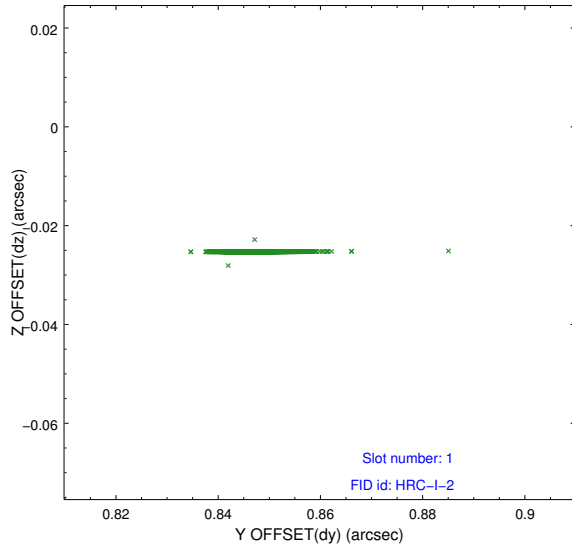


2.5 FID Slots

2.5.1 Slot 0



2.5.2 Slot 1



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.11.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.889728749633

A.2 Comments

Window constraint met.