

V&V Reference Report

L2 ASCDS Version : 10.5.2

Observation 19793 - L2 Version 1
Chandra X-Ray Center

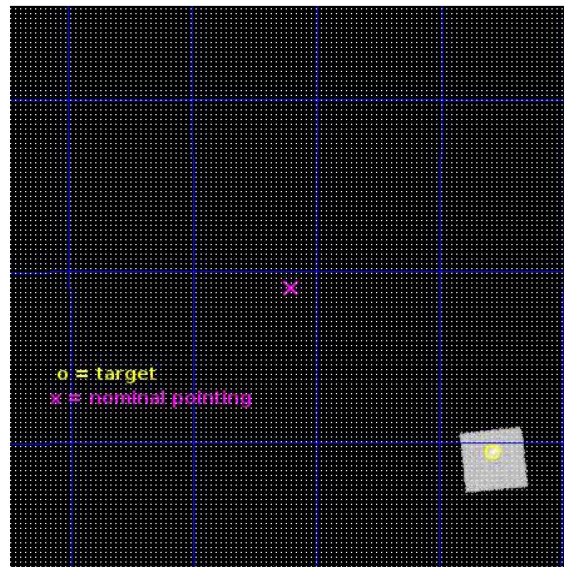
L2 Processing Date : Dec 14 2016

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1 Front

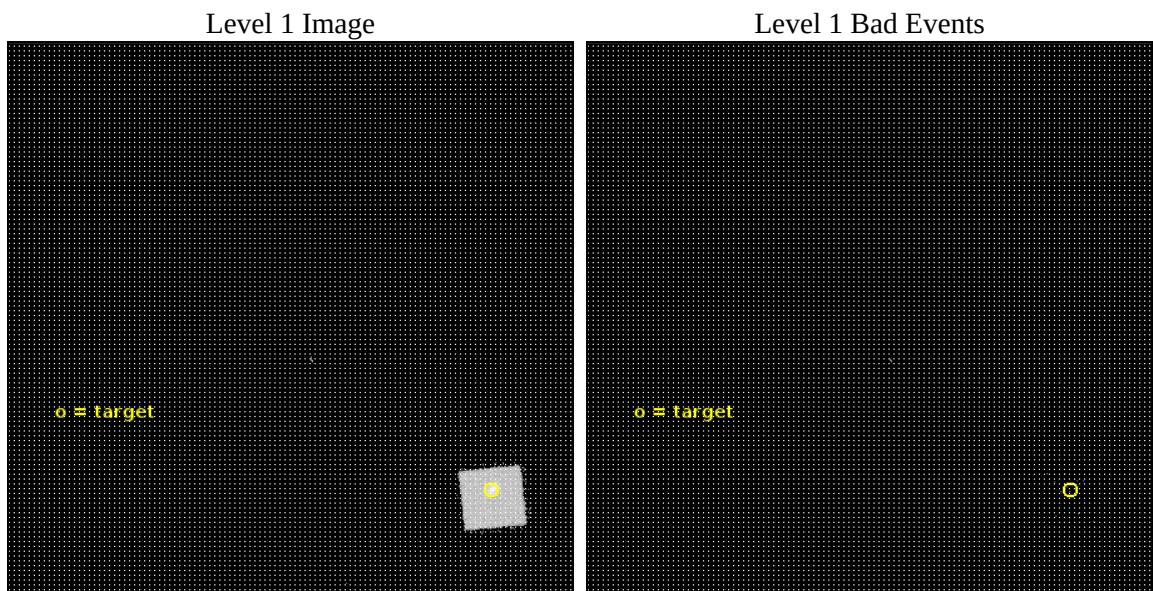
seq_num	201154	Sequence number
obs_id	19793	Observation id
title	Proxima Cen's Stellar Cycle	Proposal title
observer	Bradford Wargelin	Principal investigator
object	Proxima Cen	Source name
ra_targ	217.390833	Observer's specified target RA [deg]
dec_targ	-62.675889	Observer's specified target Dec [deg]
ra_nom	217.80053130324	Nominal RA [deg]
dec_nom	-62.516355579025	Nominal Dec [deg]
roll_nom	129.28158304599	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10889.600616336	[s]
livetime	9826.1554204788	Ontime multiplied by DTCOR
l2events	24008	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	10922.400616407	[s]
caldbver	4.7.3	 	l1events	29630	Number of level 1 events
date	2016-12-14T12:32:03	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

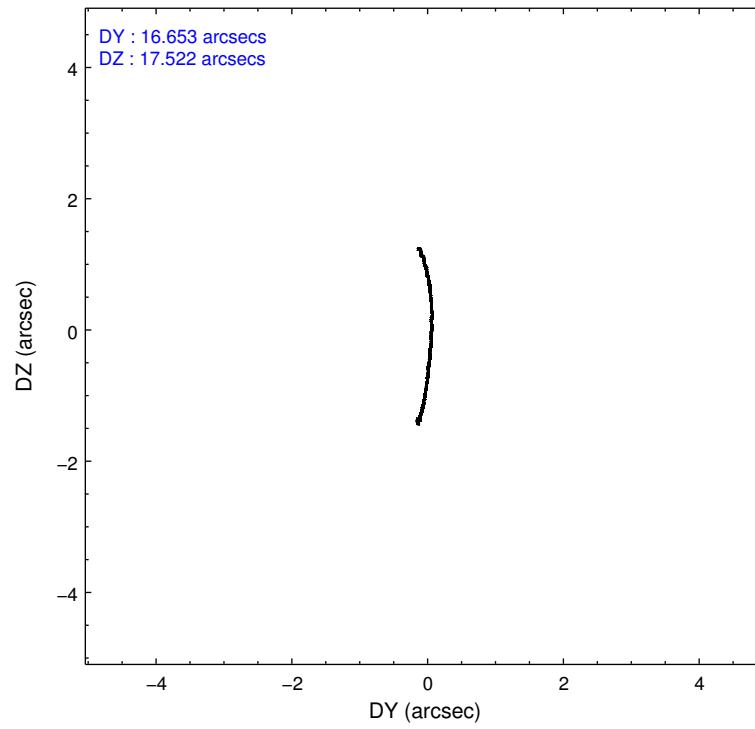
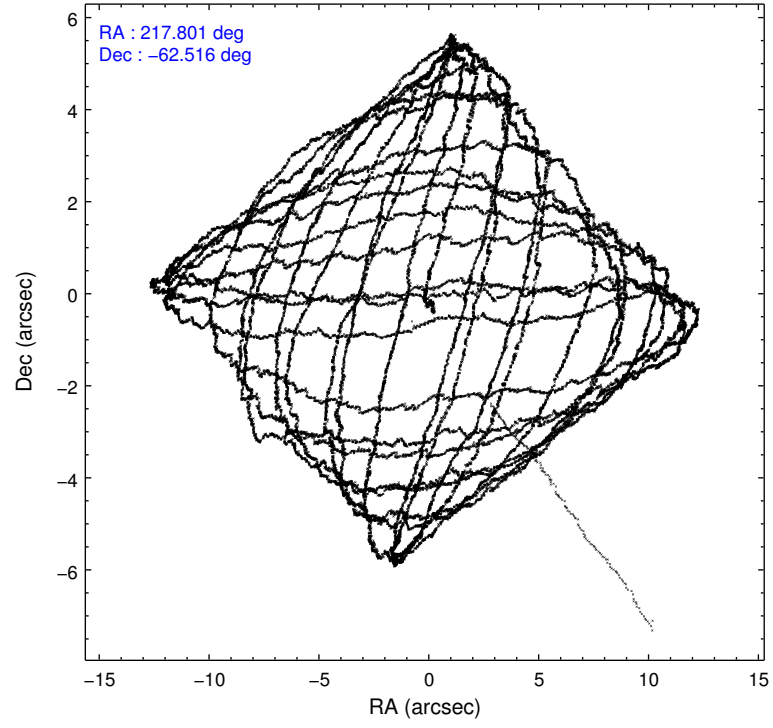
Level 1 Events

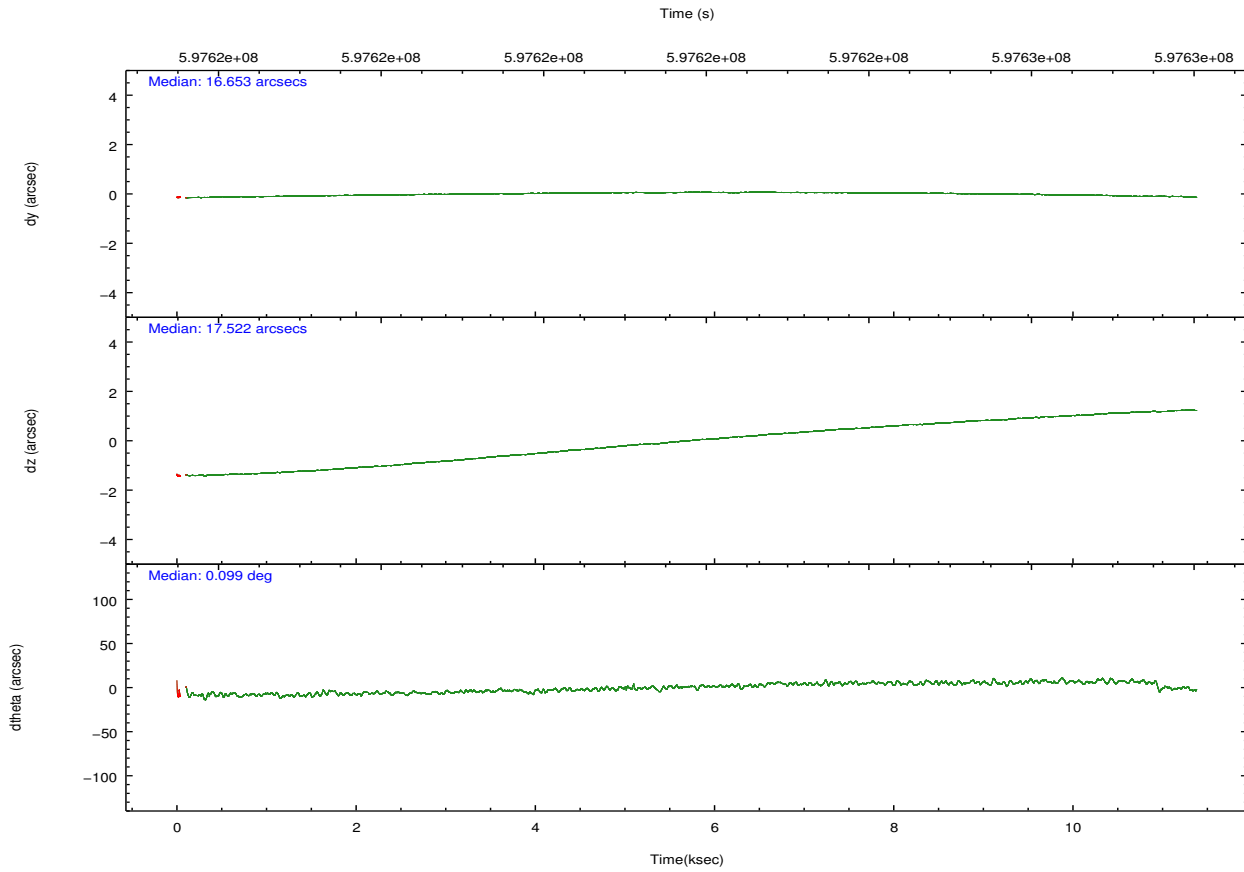
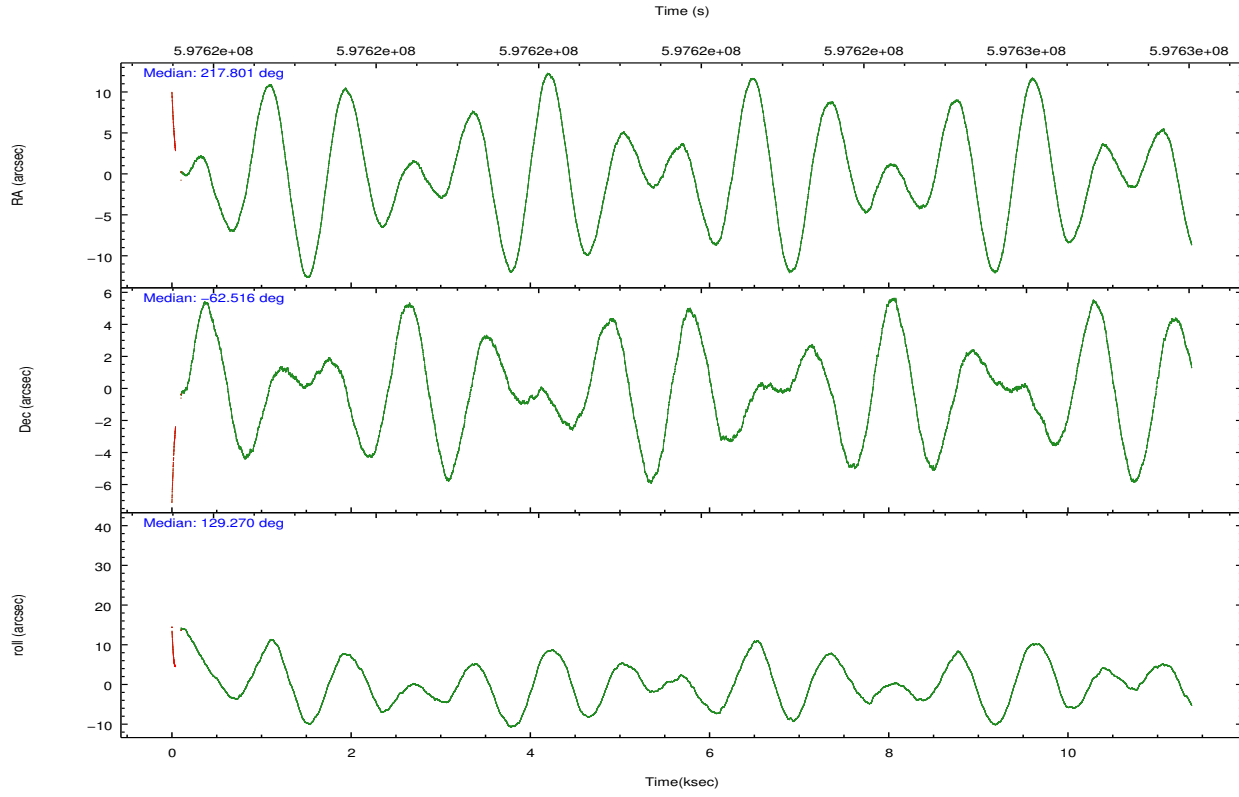
	segment 0
level 1 events	29630
rejected events	236
rejected %	0%

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	217.856361	217.8005313032421			
[deg] Pointing Dec	-62.525454	-62.51635557902529			
[deg] Pointing Roll	129.426626	129.2815830459878			
[s] Window start time (MET)	597427268.184000	597427268.184000			
[s] Window stop time (MET)	597974467.184000	597974467.184000			
[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)	597614060.184000	597614060.184			
Observation start date	2016-12-08T19:54:20	2016-12-08T19:54:20			
[s] Observation end time (MET)	597627469.284000	597627469.284			
Observation end date	2016-12-08T23:37:49	2016-12-08T23:37:49			

2.3 Aspect



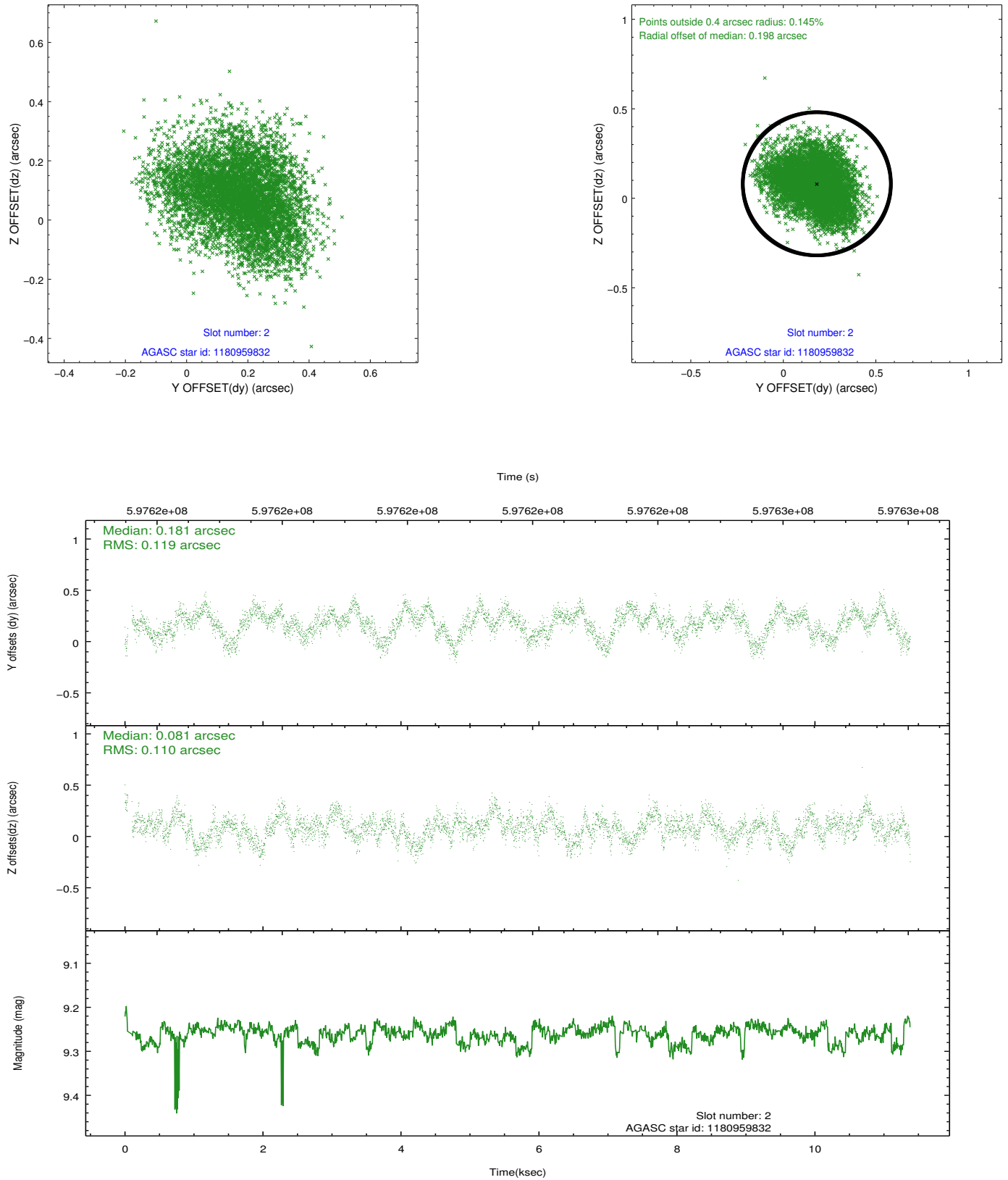


Slot Statistics

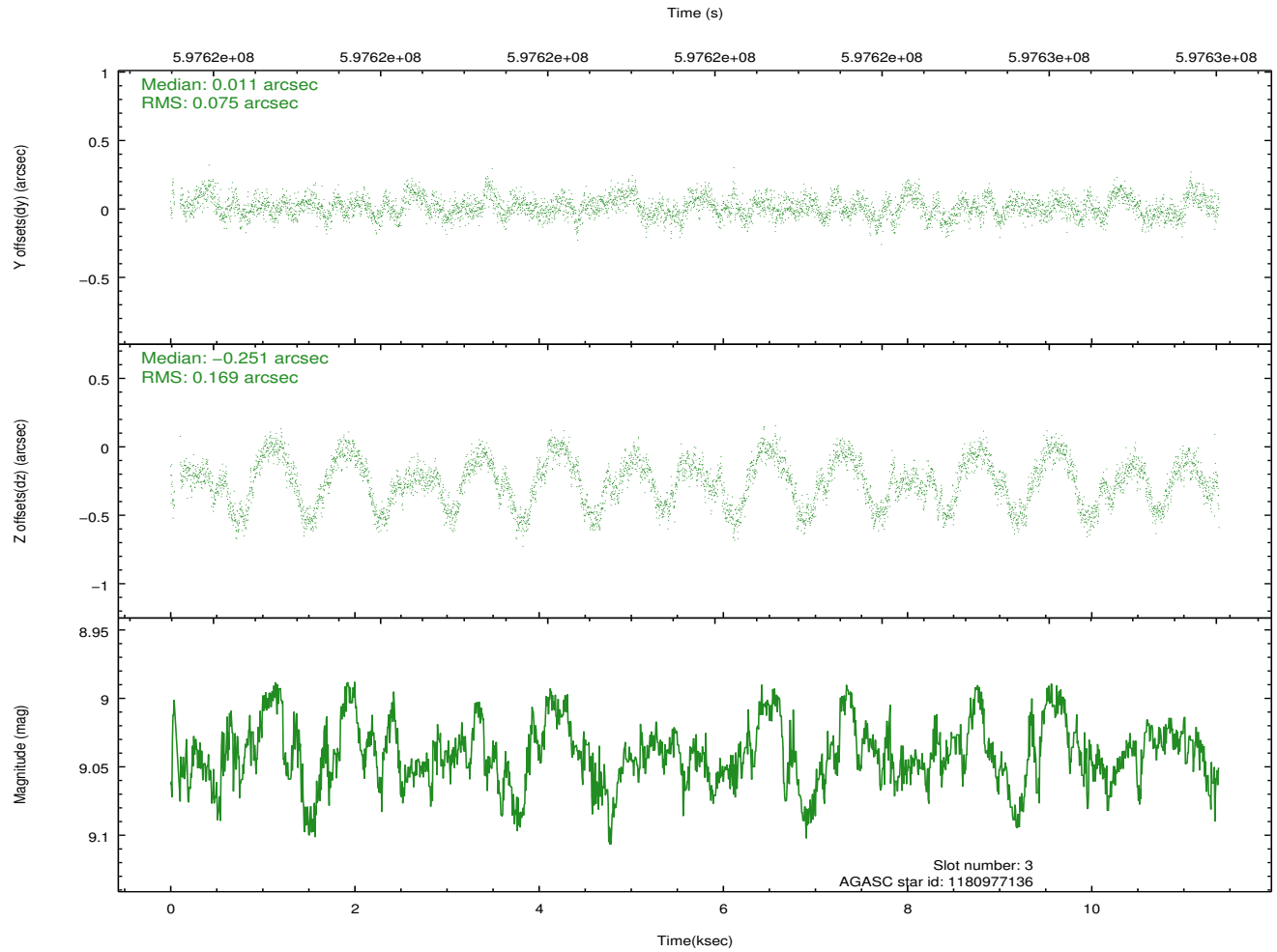
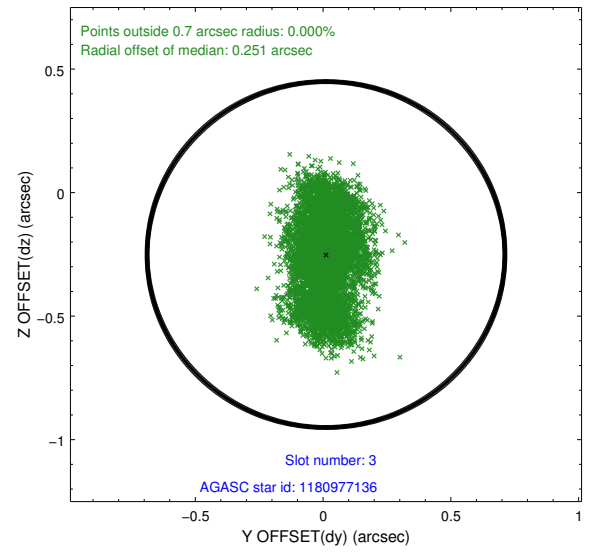
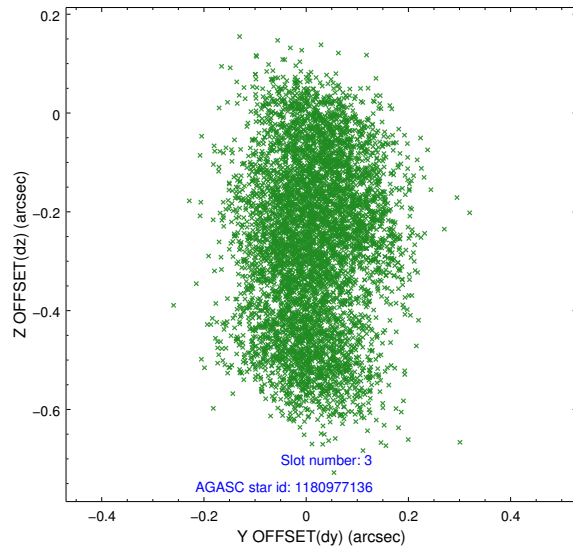
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.89	2761	-0.771	-0.029	0.006	0.013	0.000000	0.000000	-771.31	232.24
1	FID		HRC-I-2	7.01	2760	0.850	-0.025	0.006	0.013	0.000000	0.000000	839.58	233.35
2	GUIDE	used	1180959832	9.26	5521	0.181	0.081	0.176	0.279	218.288858	-61.893049	1291.80	-2010.42
3	GUIDE	used	1180977136	9.04	5519	0.011	-0.251	0.204	0.312	217.148159	-62.209003	1630.45	198.89
4	GUIDE	used	1180981624	9.58	5512	-0.480	-0.624	0.247	0.392	217.016881	-62.797187	114.83	1694.24
5	GUIDE	used	1180970632	9.48	5515	-0.074	0.333	0.232	0.386	217.492140	-62.959690	-830.24	1454.98
6	GUIDE	used	1181107448	9.15	5517	0.339	0.473	0.123	0.198	219.084809	-62.741785	-1902.01	-1057.10
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

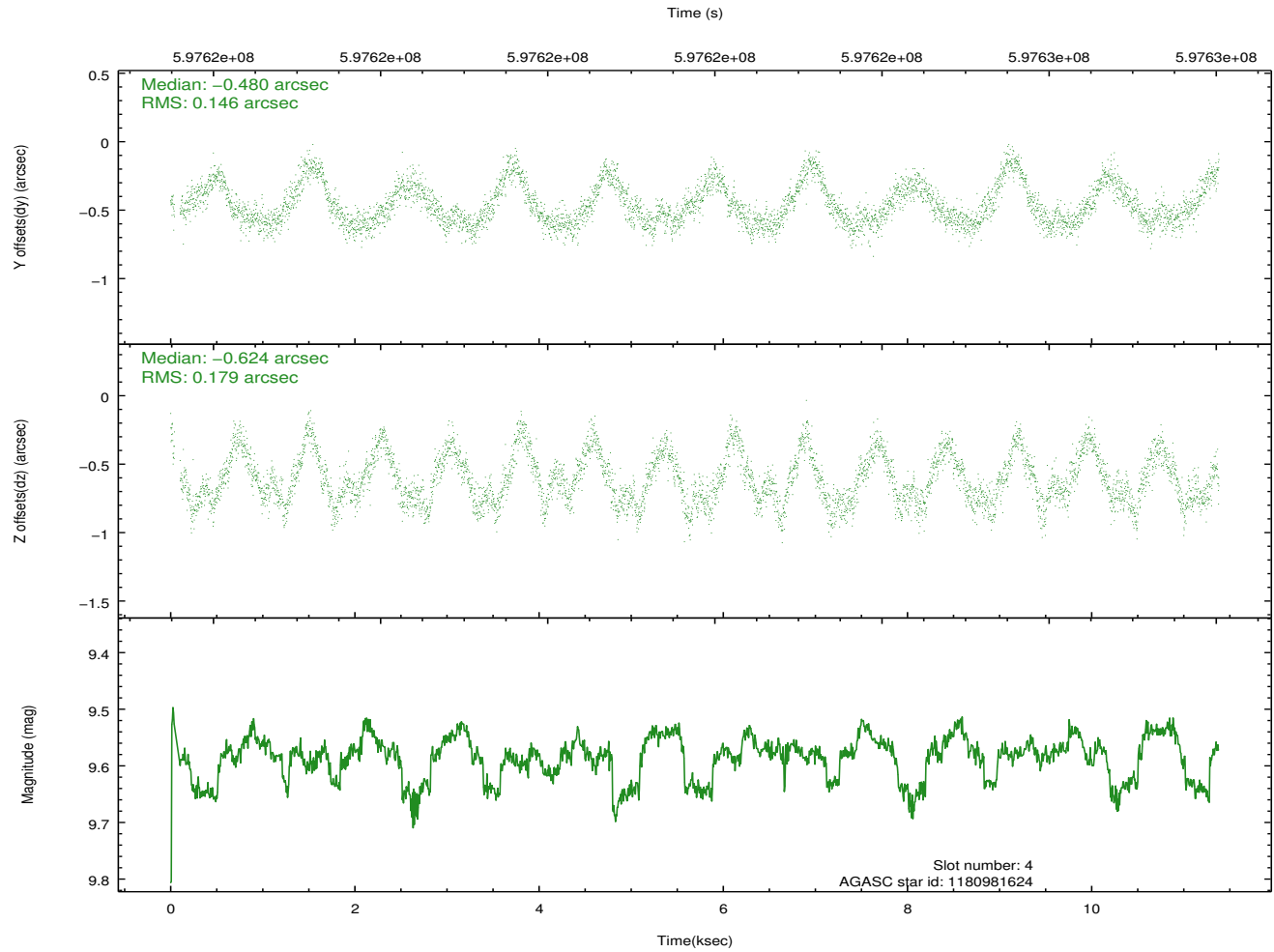
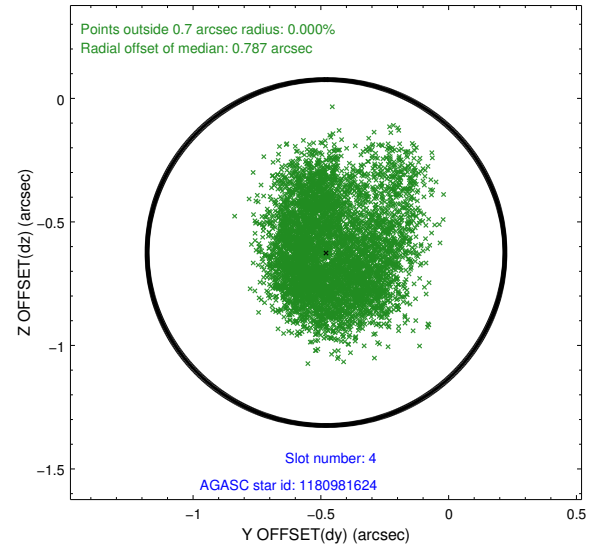
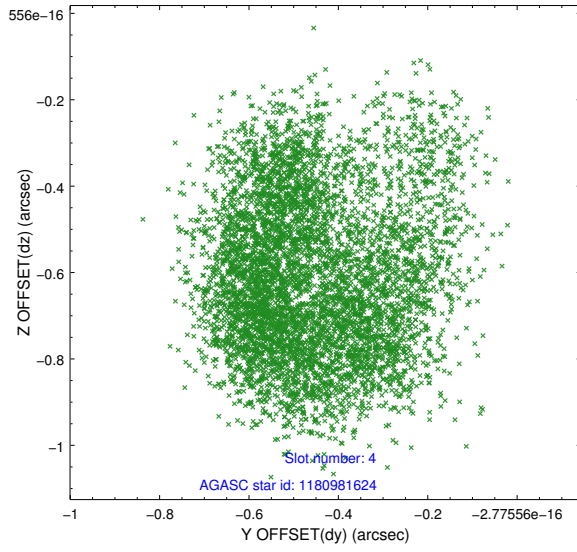
2.4.1 Slot 2



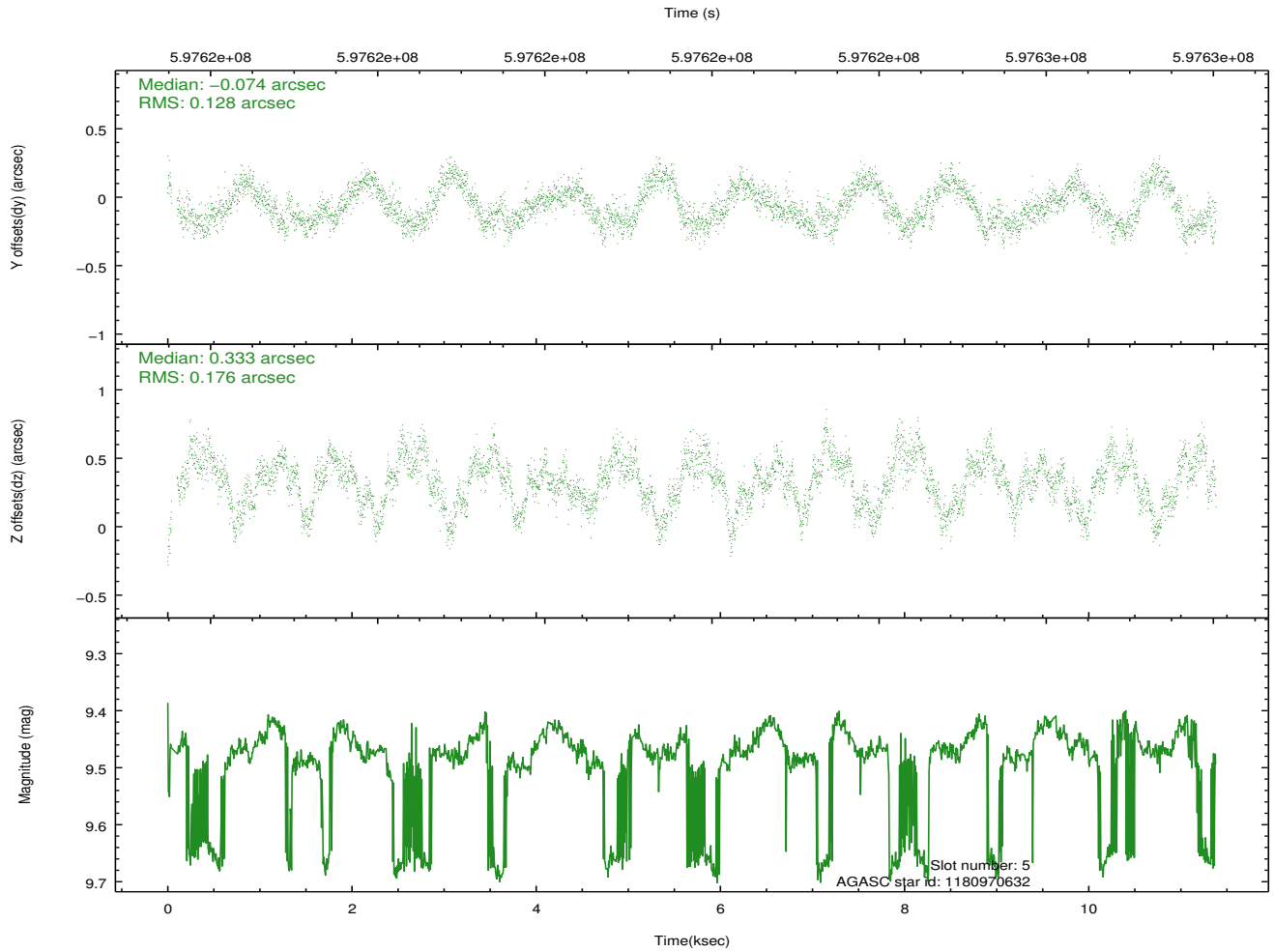
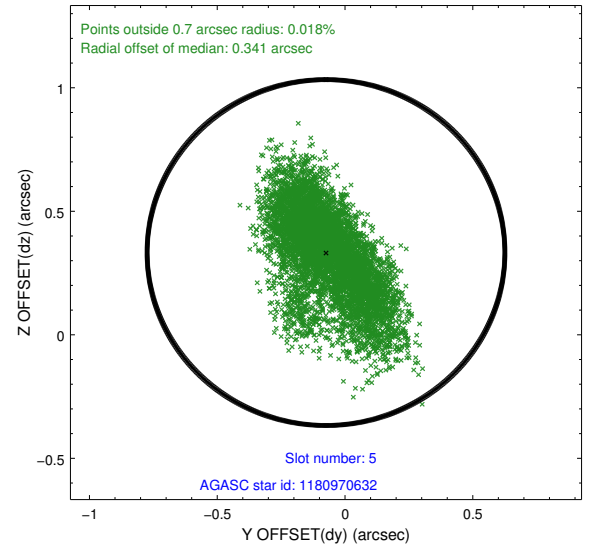
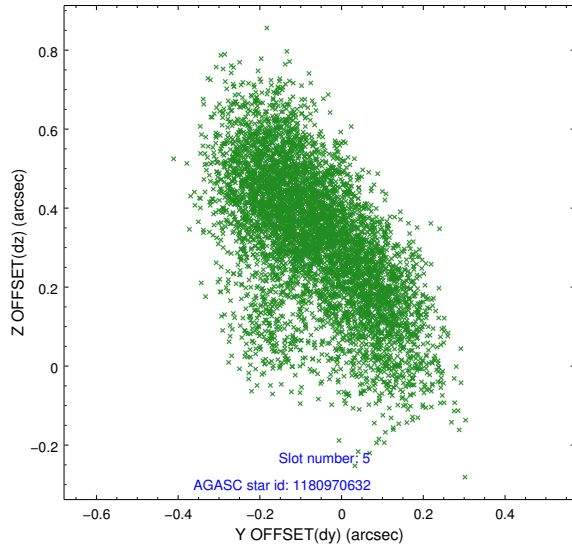
2.4.2 Slot 3



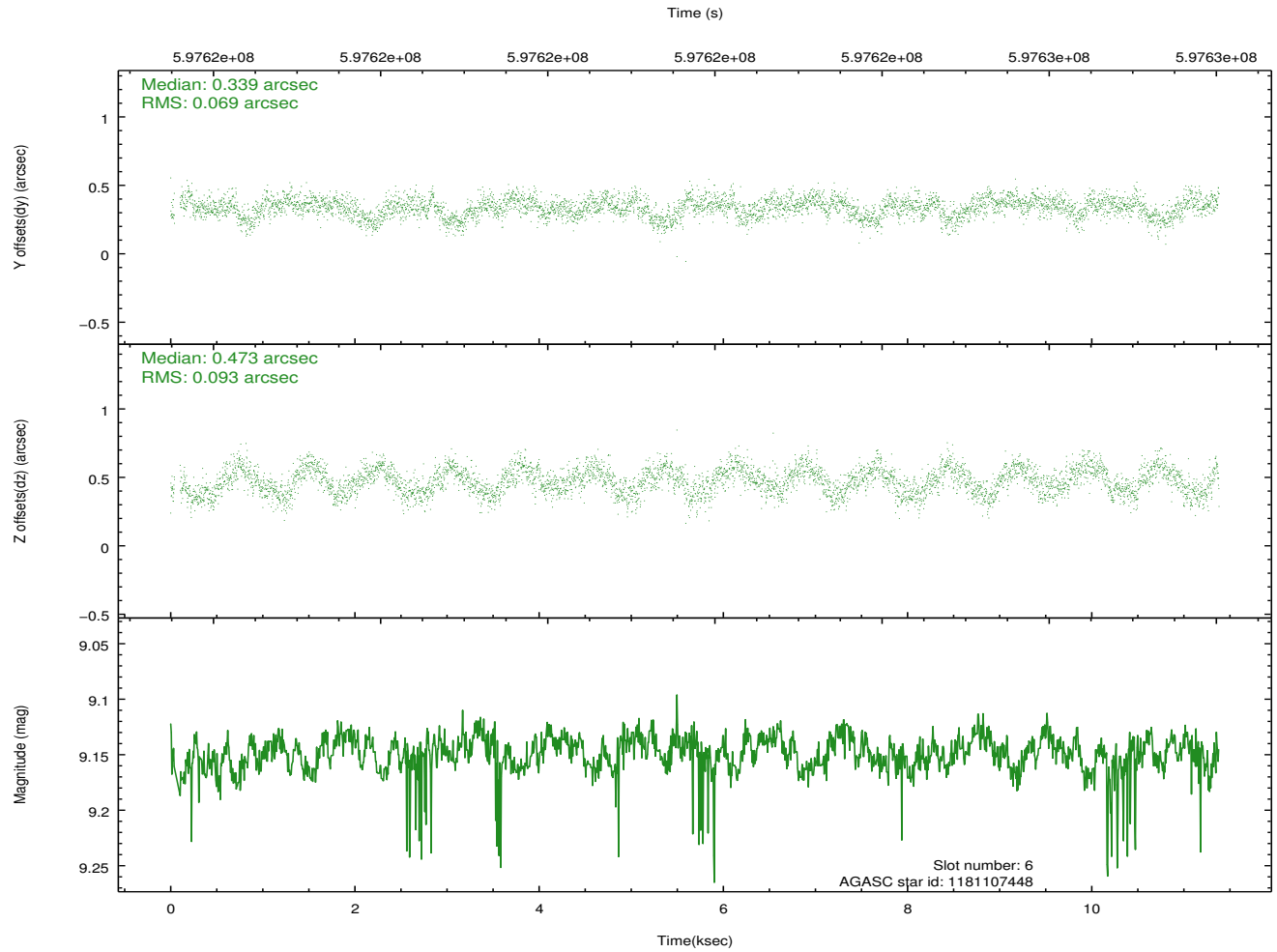
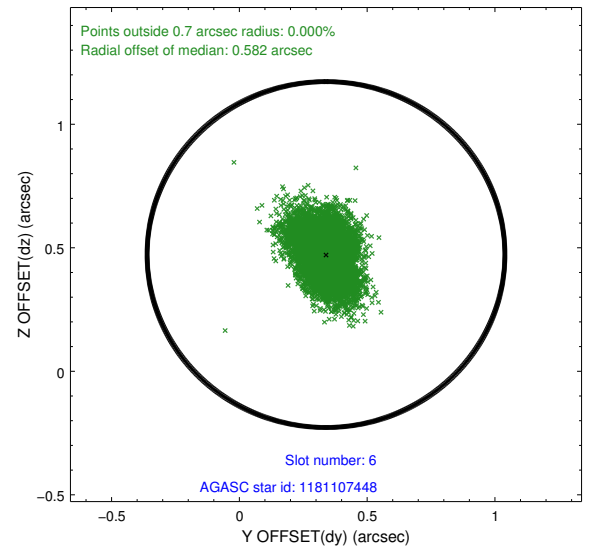
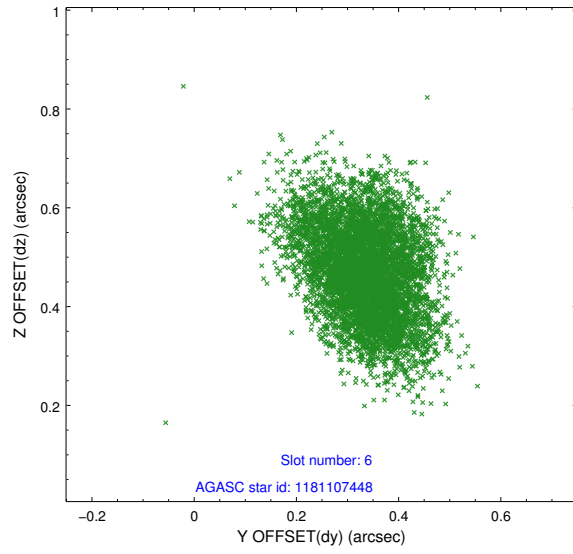
2.4.3 Slot 4



2.4.4 Slot 5

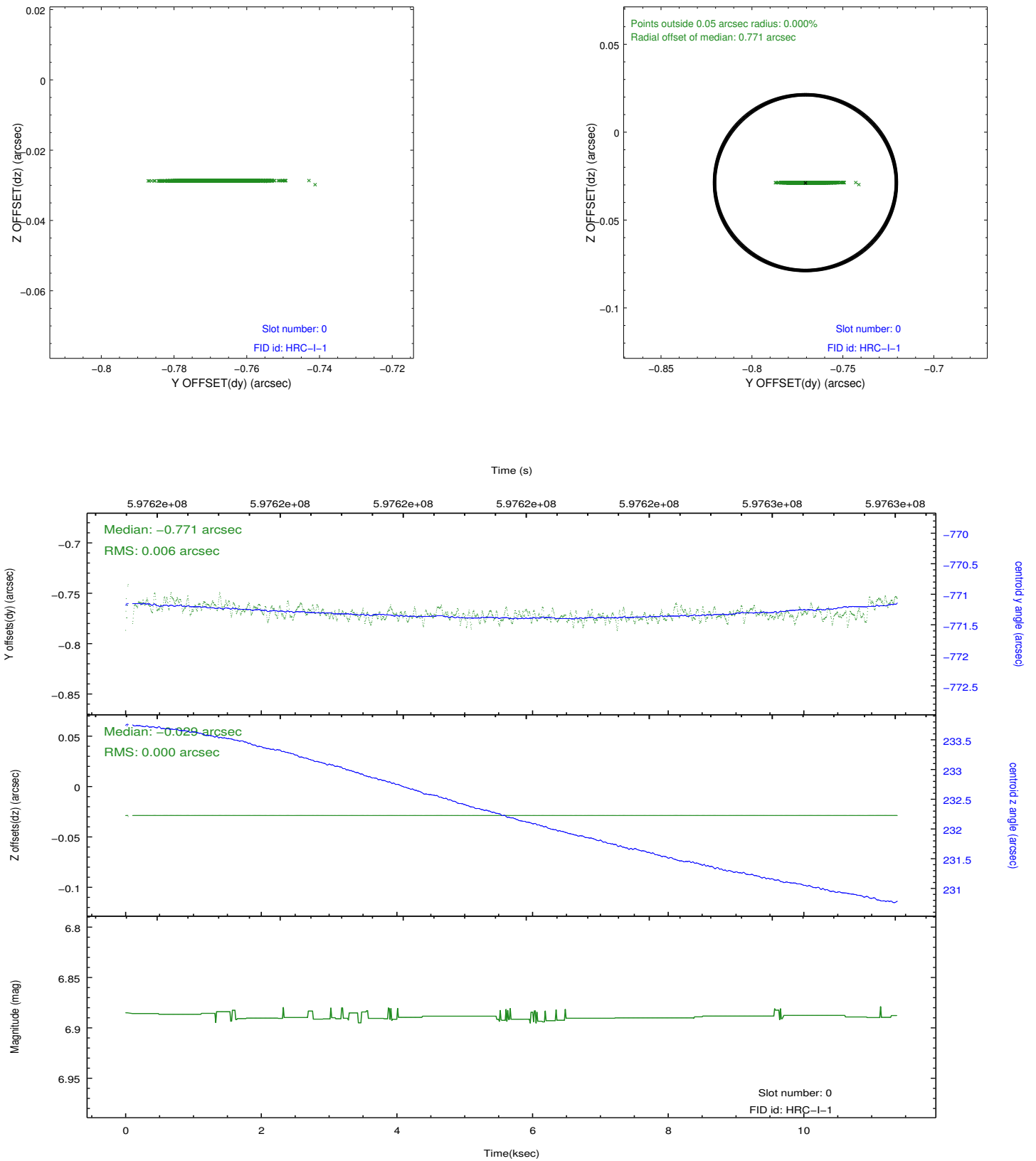


2.4.5 Slot 6

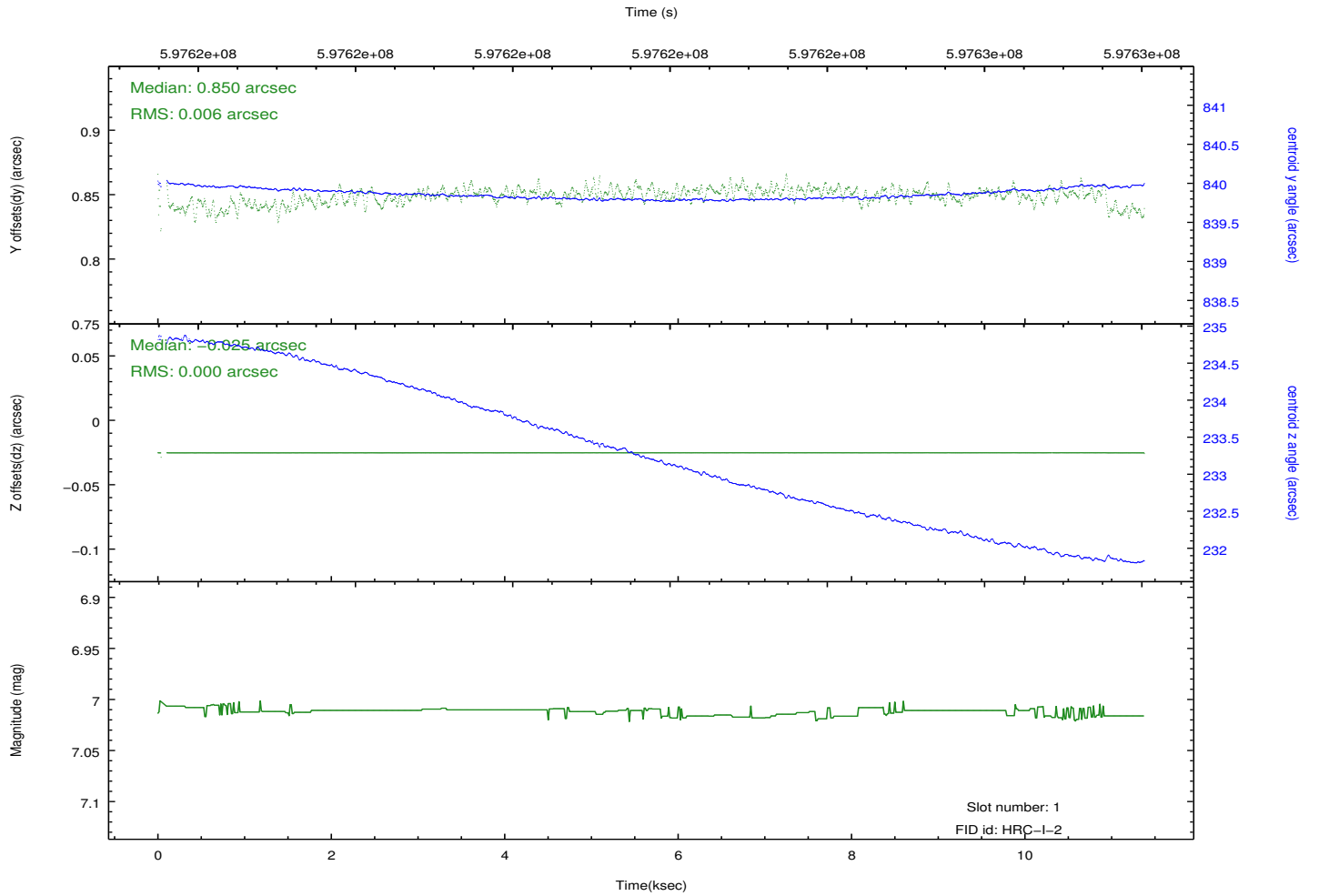
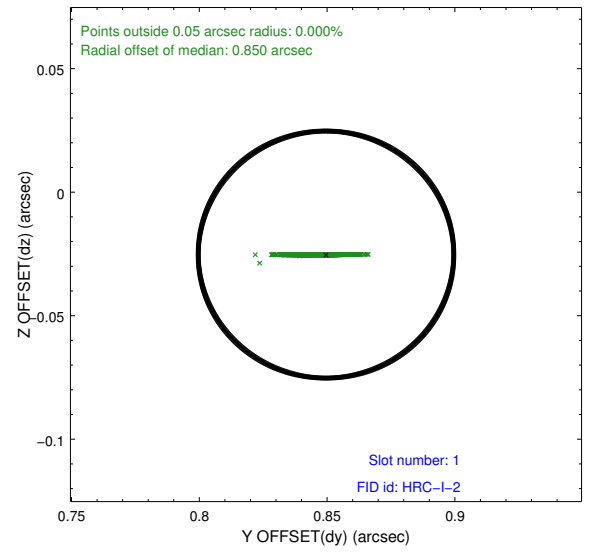
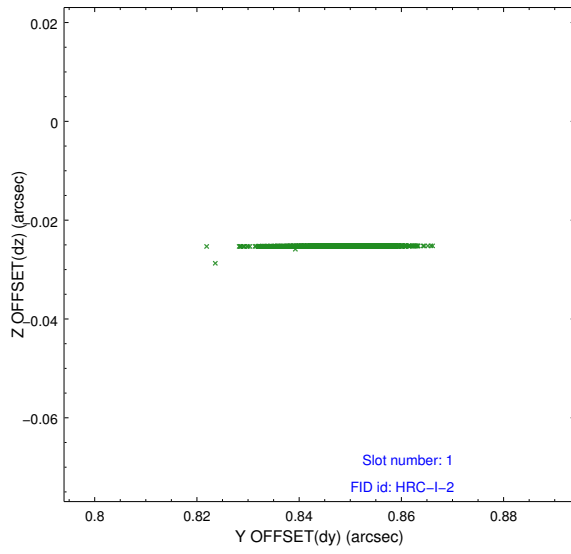


2.5 FID Slots

2.5.1 Slot 0



2.5.2 Slot 1



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2016.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.889600616336

A.2 Comments

Window constraint met.