

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8906 - L2 Version 3
Chandra X-Ray Center

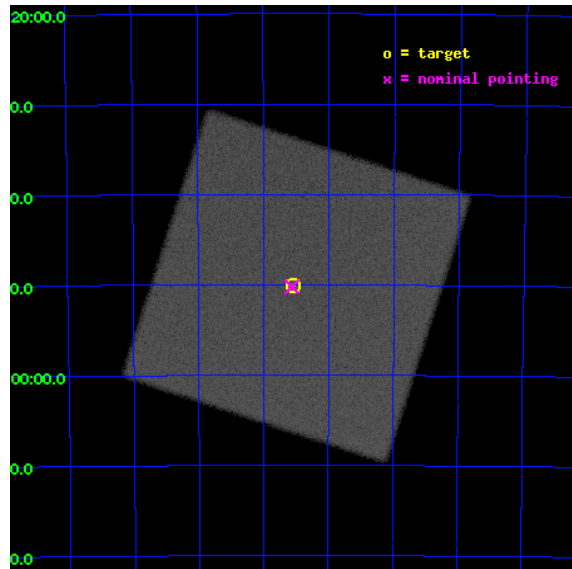
L2 Processing Date : Aug 12 2012

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1 Front

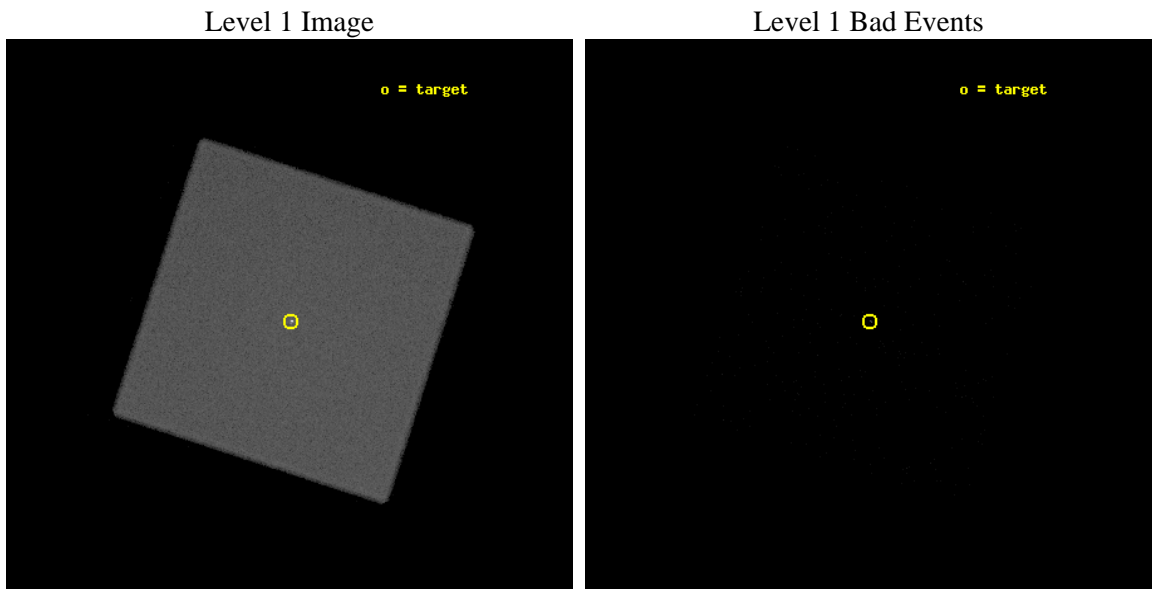
seq_num	200487	Sequence number
obs_id	8906	Observation id
title	The Further Fainting of Alpha Cen A	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	Alpha Centauri	Source name
ra_targ	219.884583	Observer's specified target RA [deg]
dec_targ	-60.833889	Observer's specified target Dec [deg]
ra_nom	219.89054935161	Nominal RA [deg]
dec_nom	-60.83720798564	Nominal Dec [deg]
roll_nom	332.99439606176	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10181.069246709	[s]
livetime	10077.489660055	Ontime multiplied by DTCOR
l2events	624549	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10181.069246709	[s]
caldbver	4.5.1.1	 	l1events	969149	Number of level 1 events
date	2012-08-12T12:35:22	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

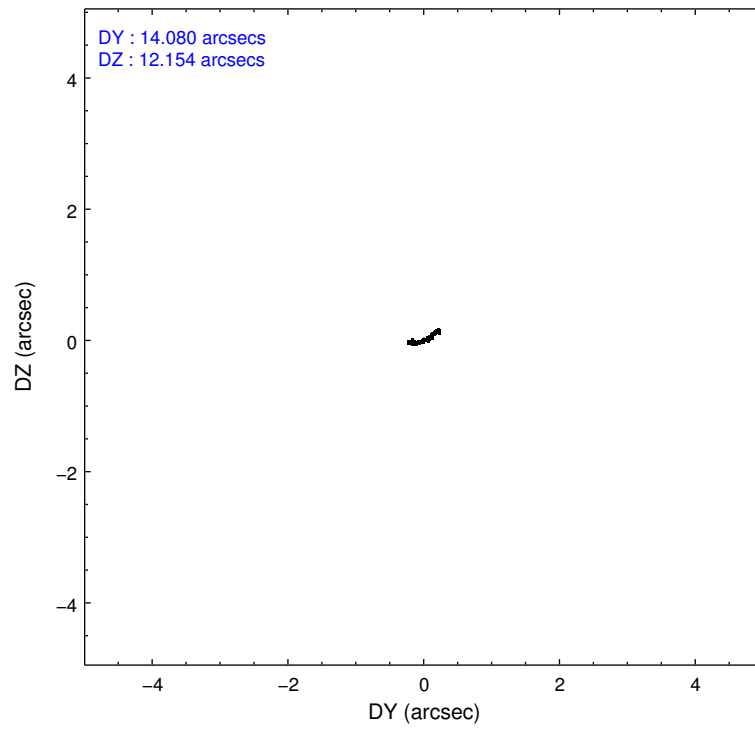
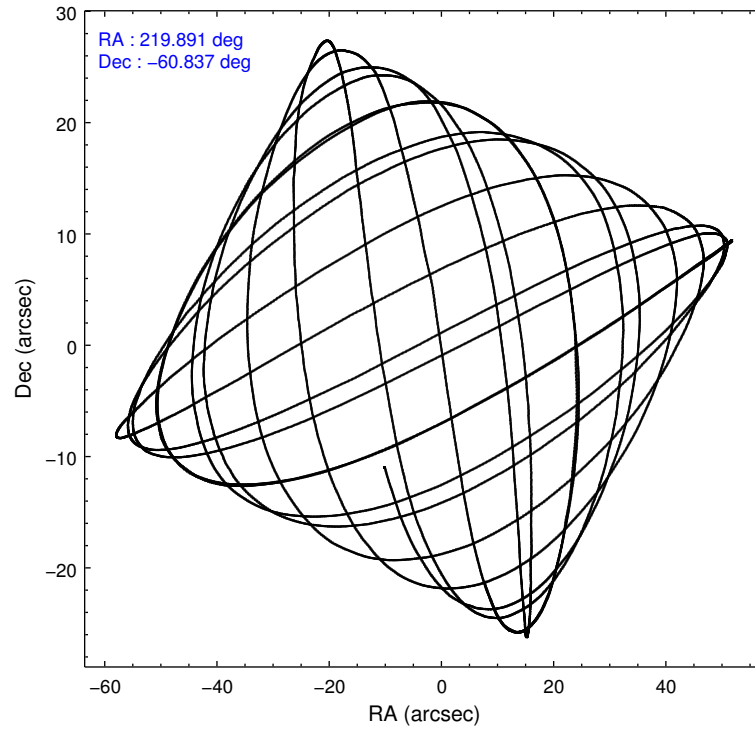
Level 1 Events

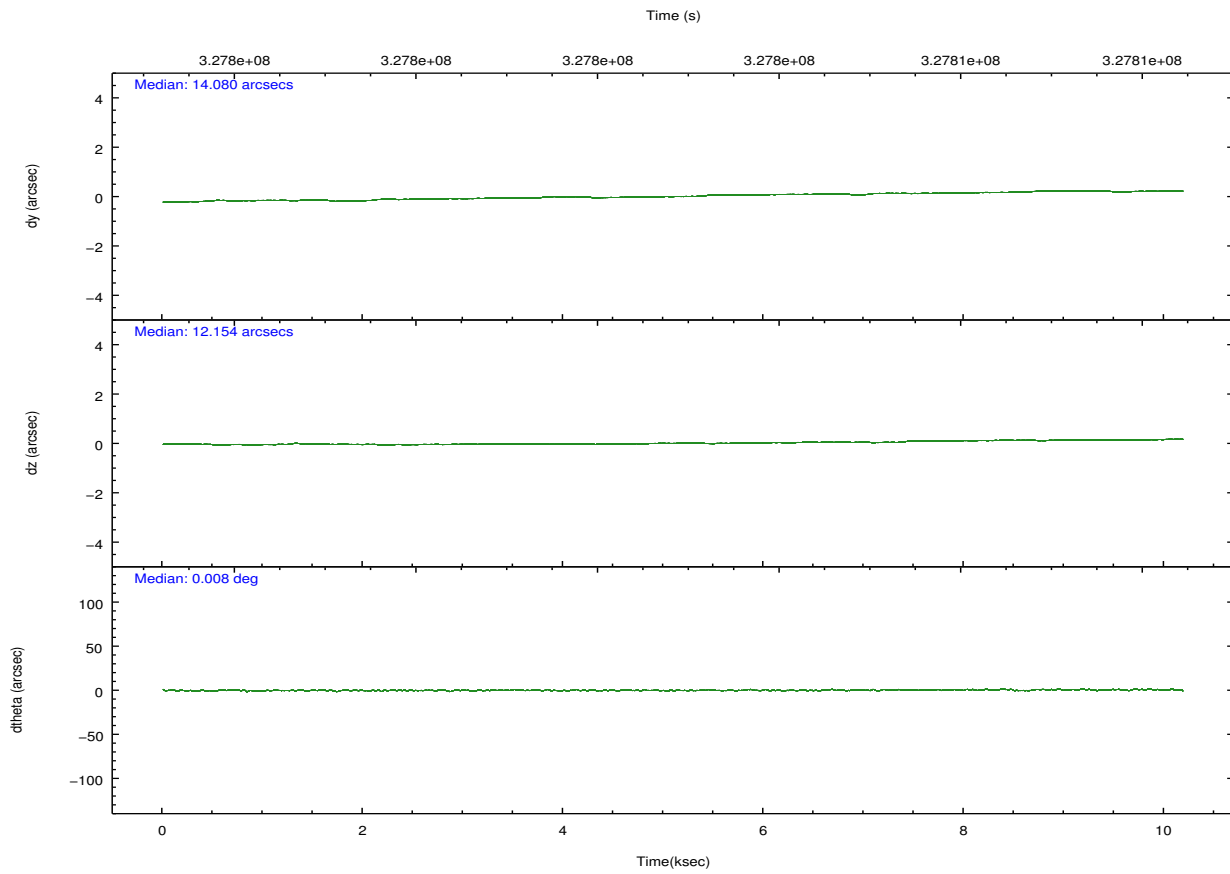
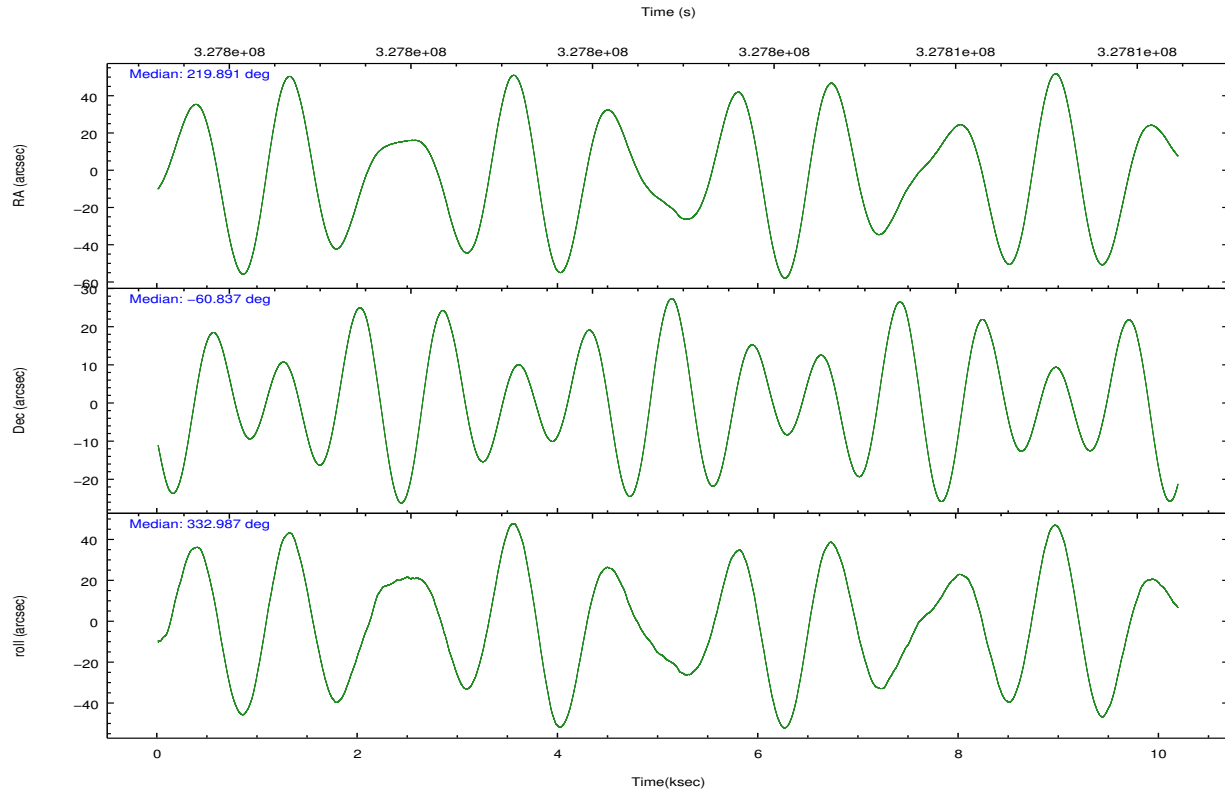
	segment 0
level 1 events	969149
rejected events	58376
rejected %	6%

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	219.834640	219.8905493516129			
[deg] Pointing Dec	-60.839098	-60.8372079856403			
[deg] Pointing Roll	333.041060	332.9943960617554			
[s] Window start time (MET)	325987265.184000	325987265.184000			
[s] Window stop time (MET)	328665665.184000	328665665.184000			
[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)	327797923.184000	327797138.39899			
Observation start date	2008-05-21T22:57:38	2008-05-21T22:45:38			
[s] Observation end time (MET)	327807923.184000	327808795.21206			
Observation end date	2008-05-22T01:44:18	2008-05-22T01:59:55			

2.3 Aspect



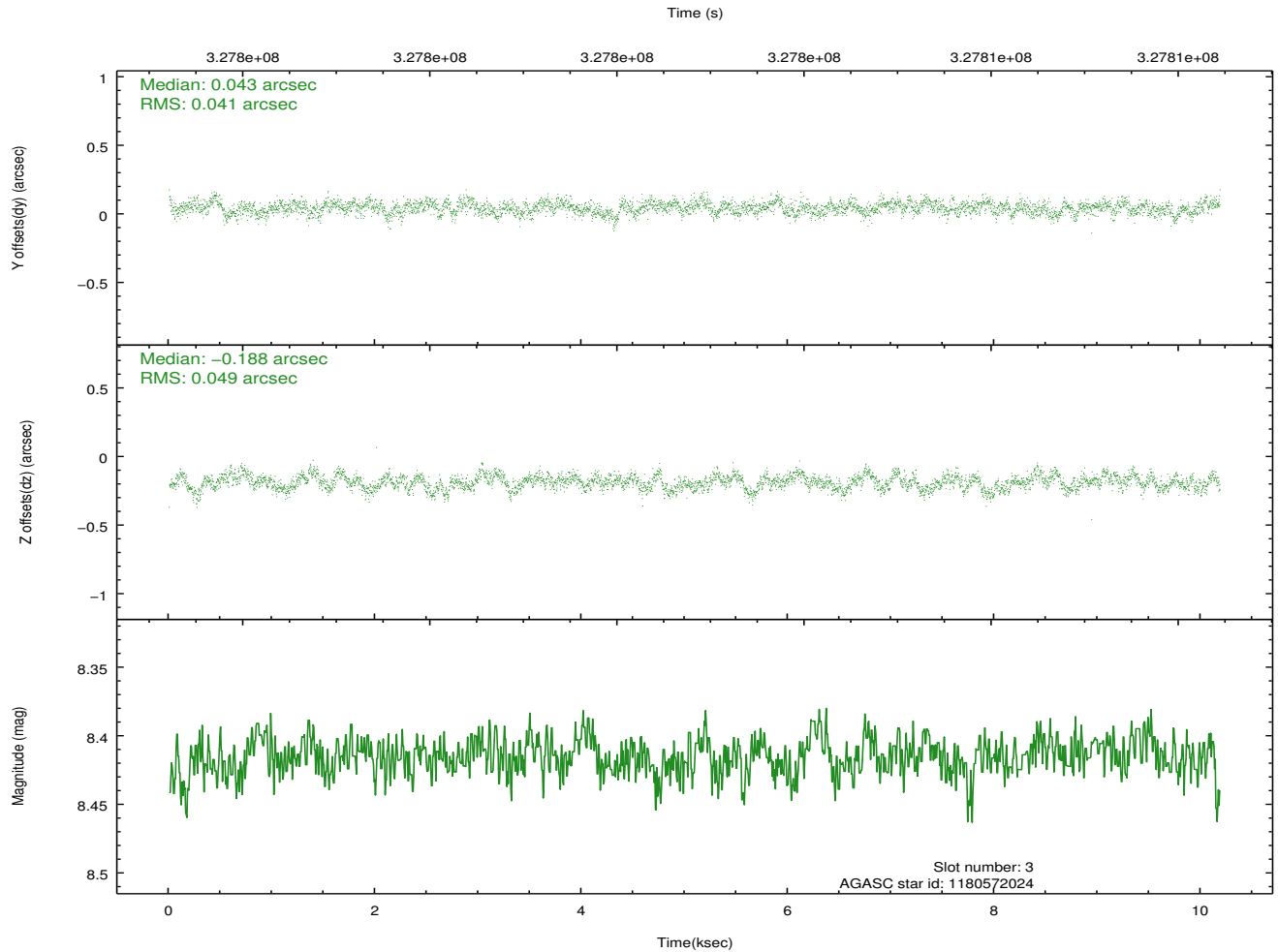
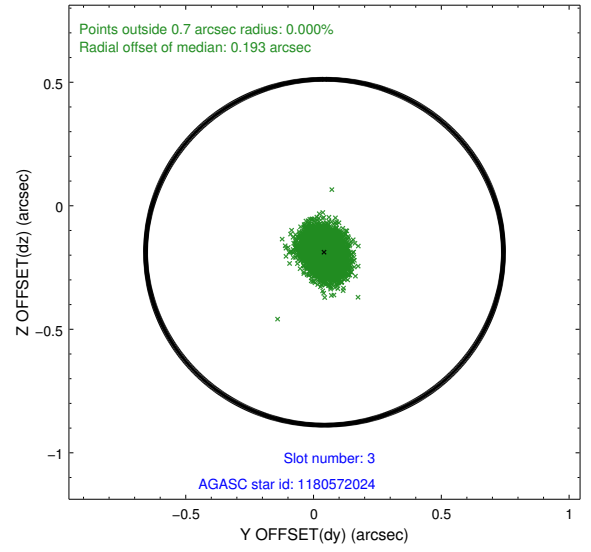
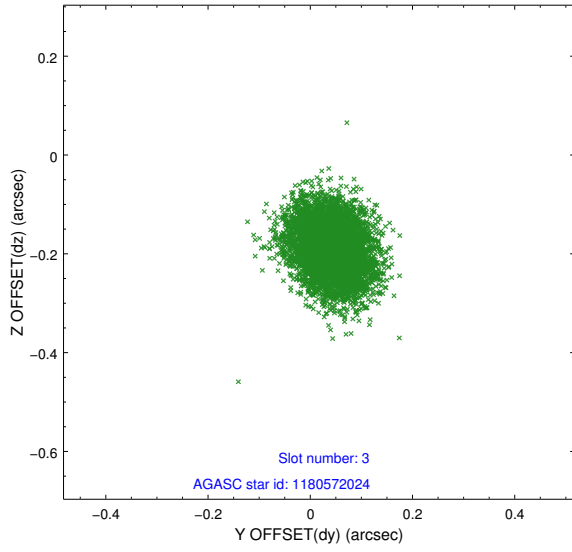


Slot Statistics

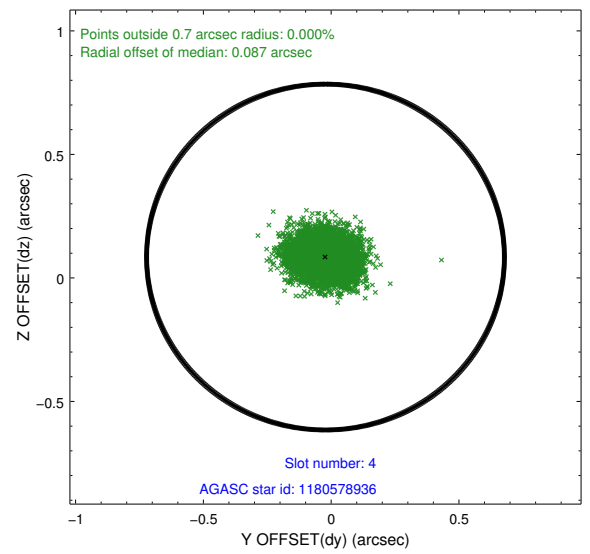
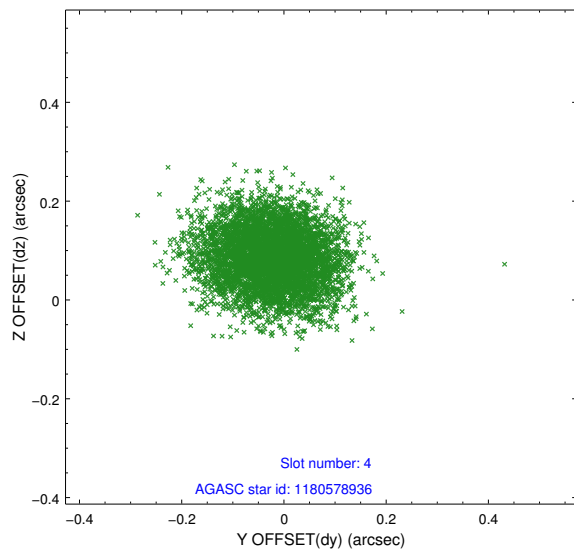
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	2484	0.136	-0.096	0.007	0.013	0.000000	0.000000	842.91	-1301.84
1	FID	HRC-I-3	7.06	2484	-0.119	0.073	0.006	0.011	0.000000	0.000000	-1198.15	1003.92
2	FID	HRC-I-4	6.98	2484	0.102	-0.063	0.008	0.013	0.000000	0.000000	1272.53	1002.34
3	GUIDE	1180572024	8.42	4966	0.043	-0.188	0.068	0.110	220.930377	-60.981487	1944.95	396.69
4	GUIDE	1180578936	9.12	4955	-0.022	0.084	0.096	0.152	220.919358	-61.155393	2202.62	-174.05
5	GUIDE	1180589152	9.27	4963	-0.069	0.138	0.103	0.172	219.760705	-61.382926	774.43	-1802.41
6	GUIDE	1180612104	8.97	4965	-0.048	-0.084	0.086	0.140	220.502279	-60.631704	714.63	1194.46
7	GUIDE	1180603632	10.08	4926	0.101	0.049	0.163	0.273	219.765447	-61.409249	824.60	-1882.80

2.4 Star Slots

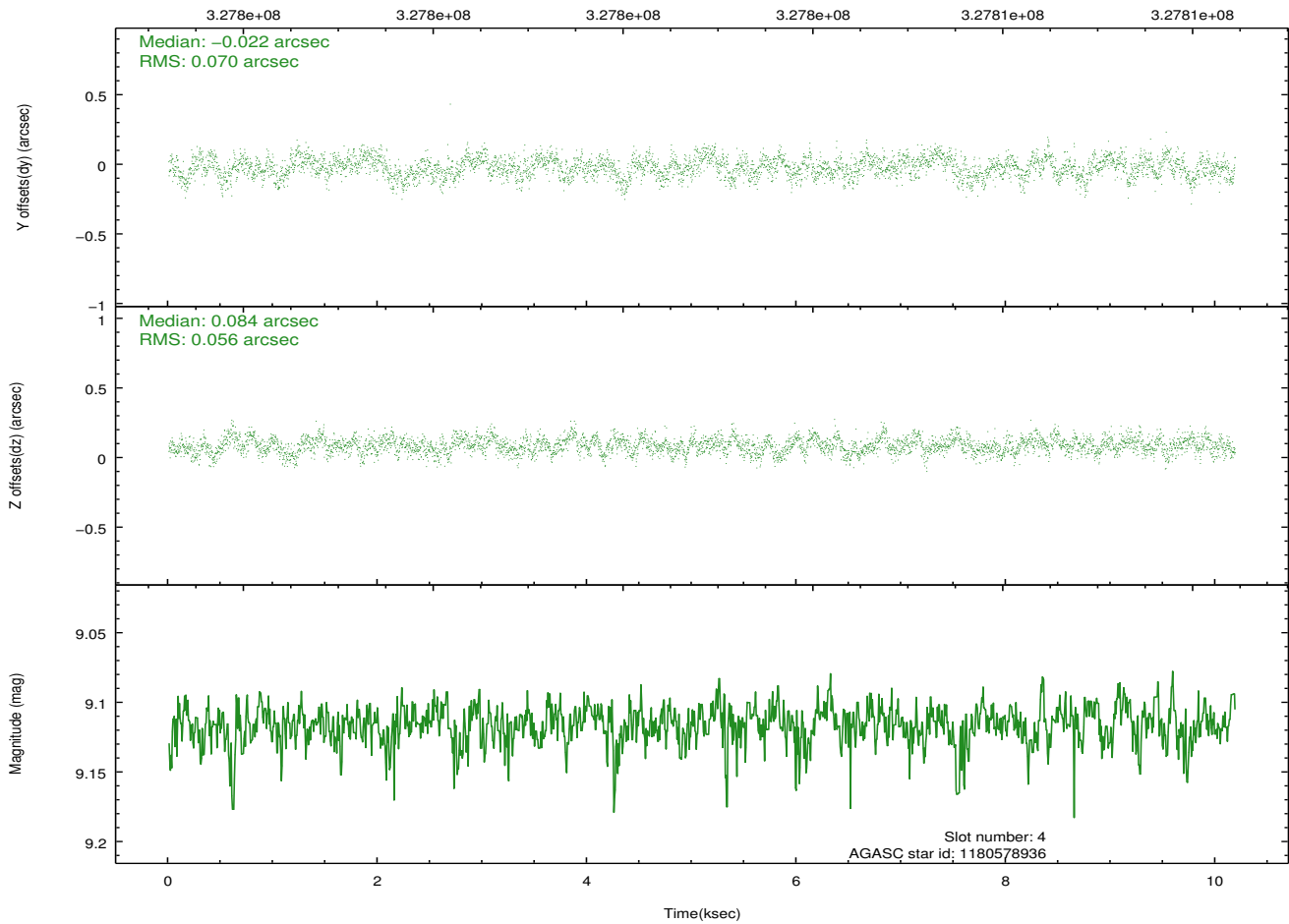
2.4.1 Slot 3



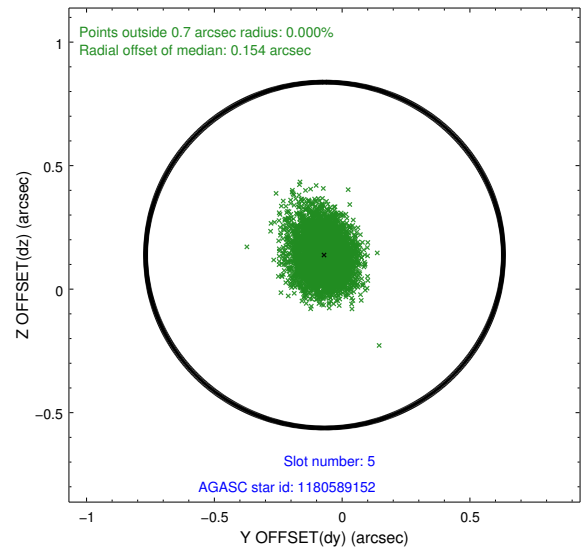
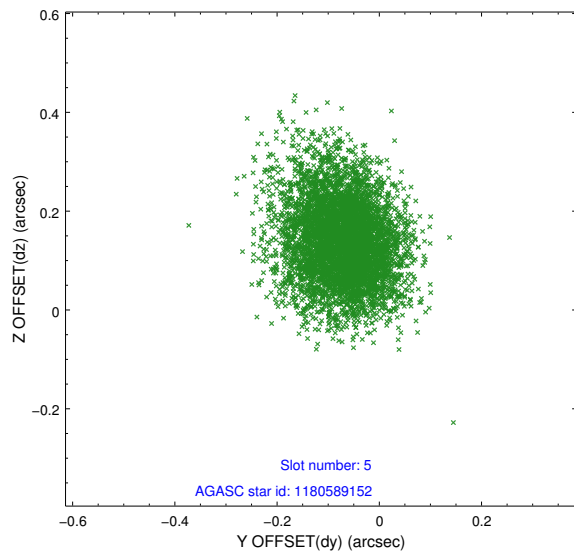
2.4.2 Slot 4



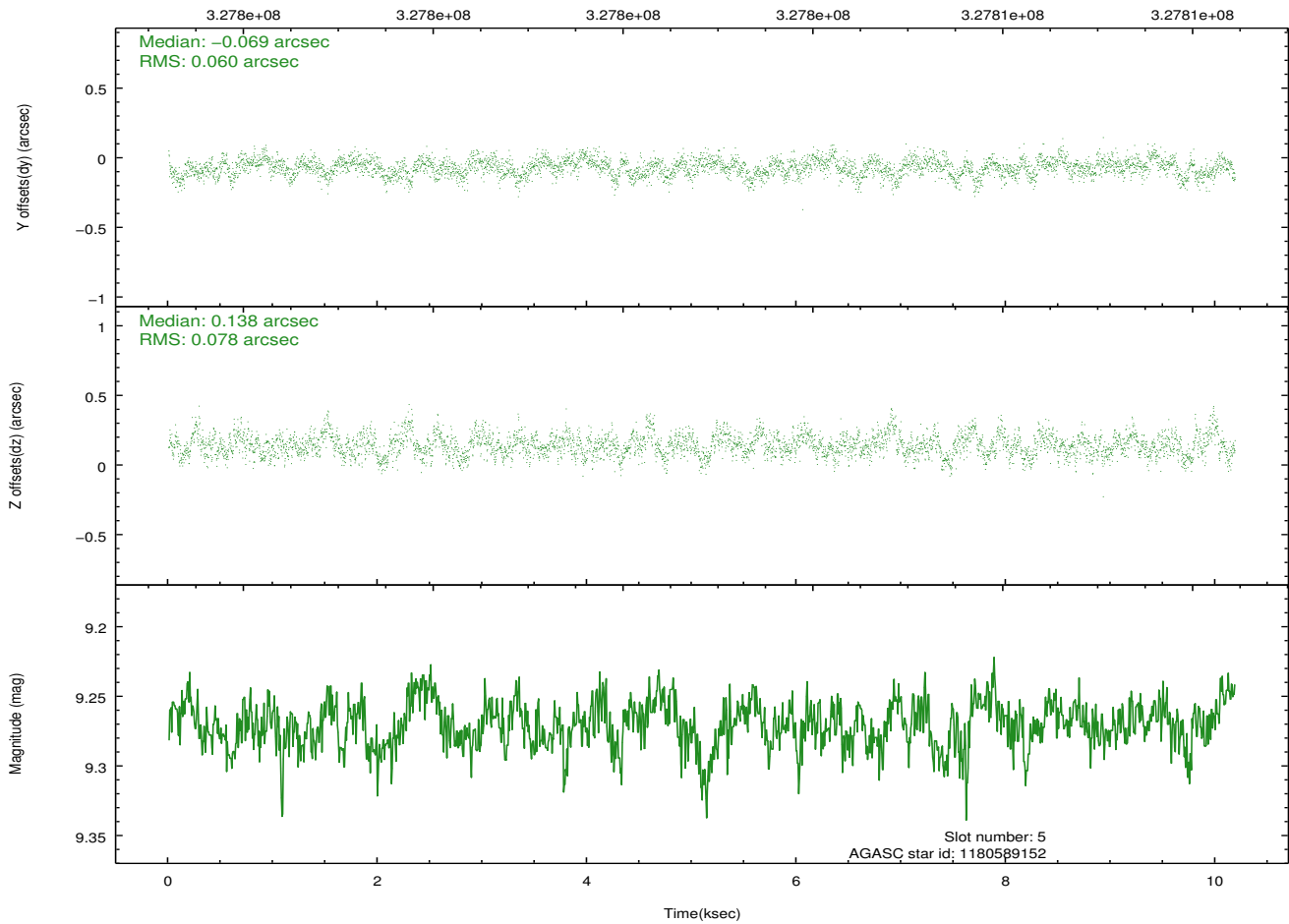
Time (s)



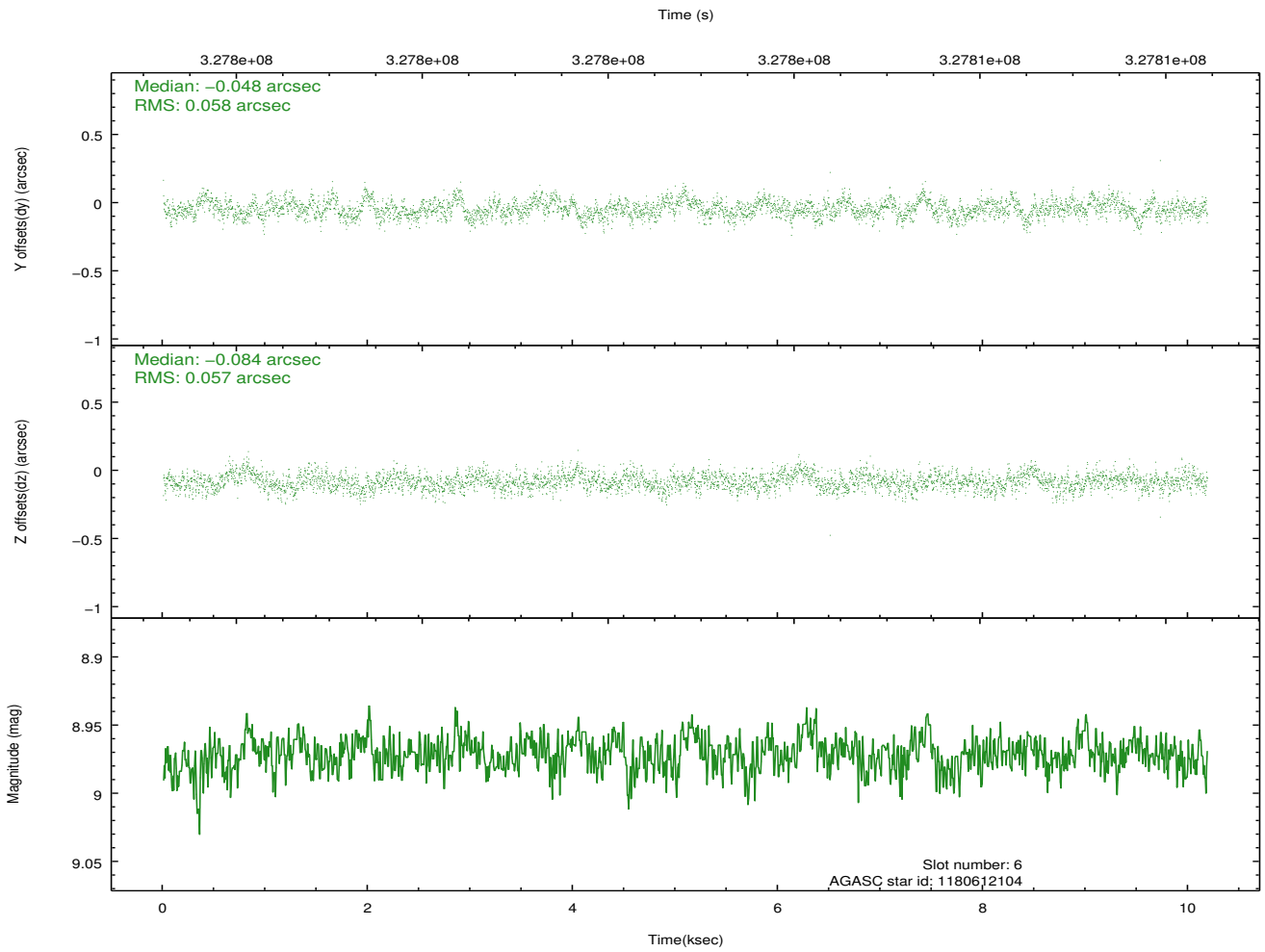
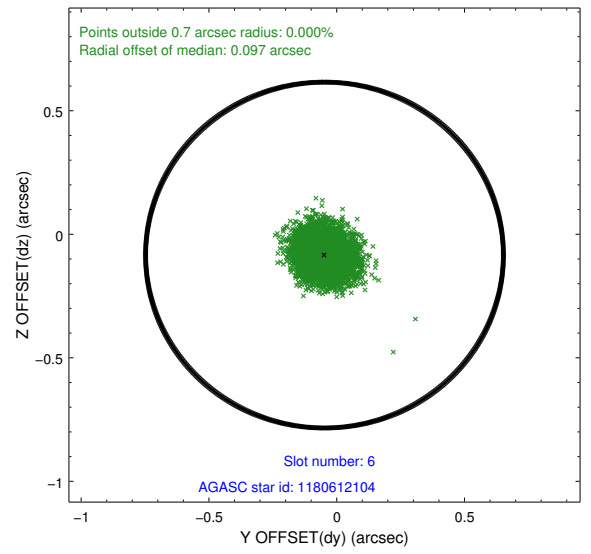
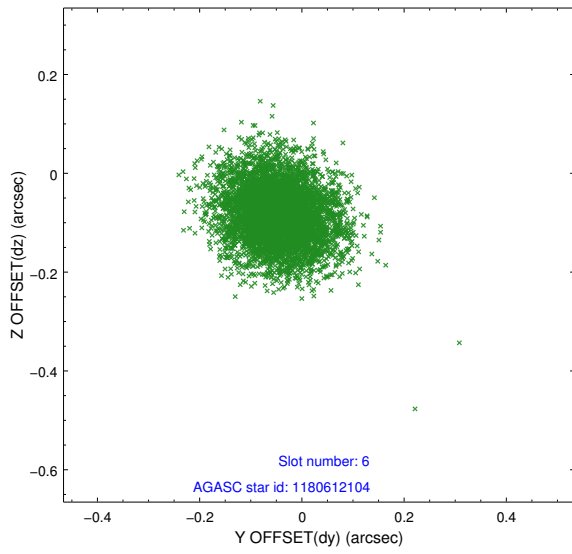
2.4.3 Slot 5



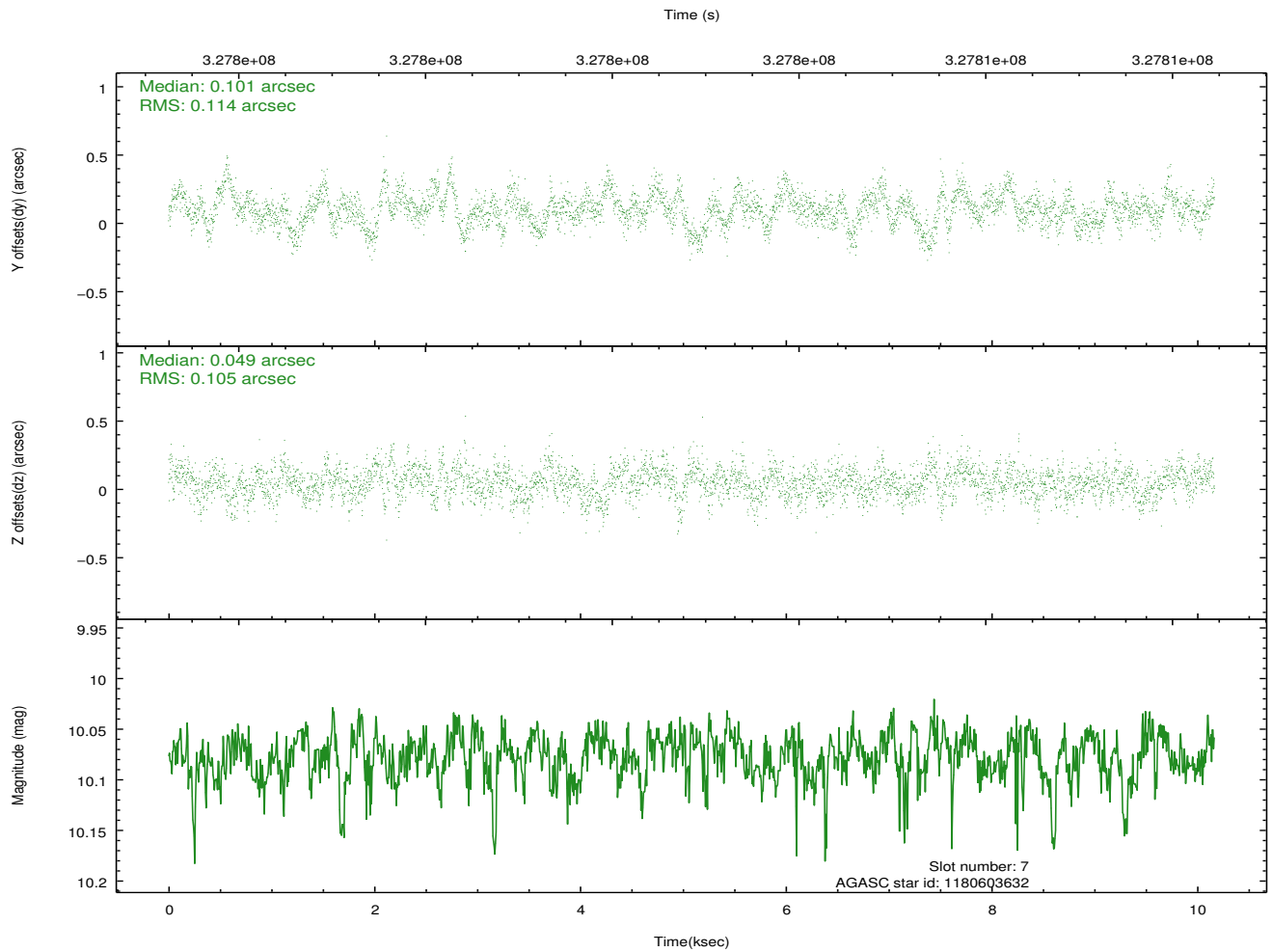
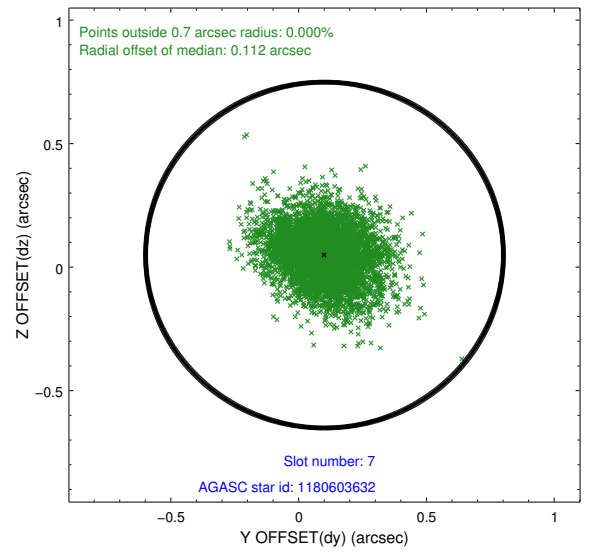
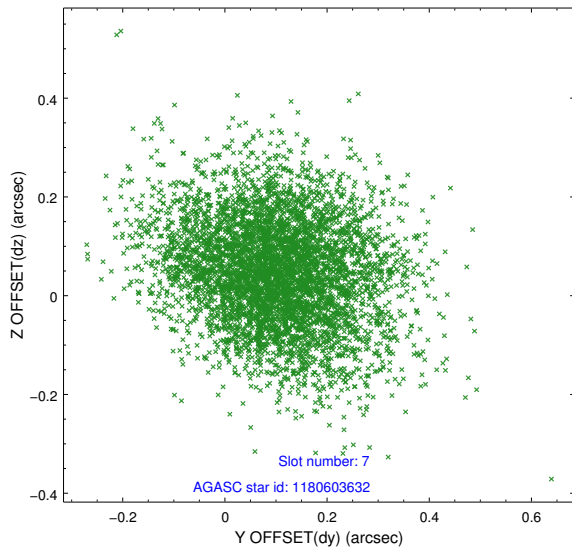
Time (s)



2.4.4 Slot 6

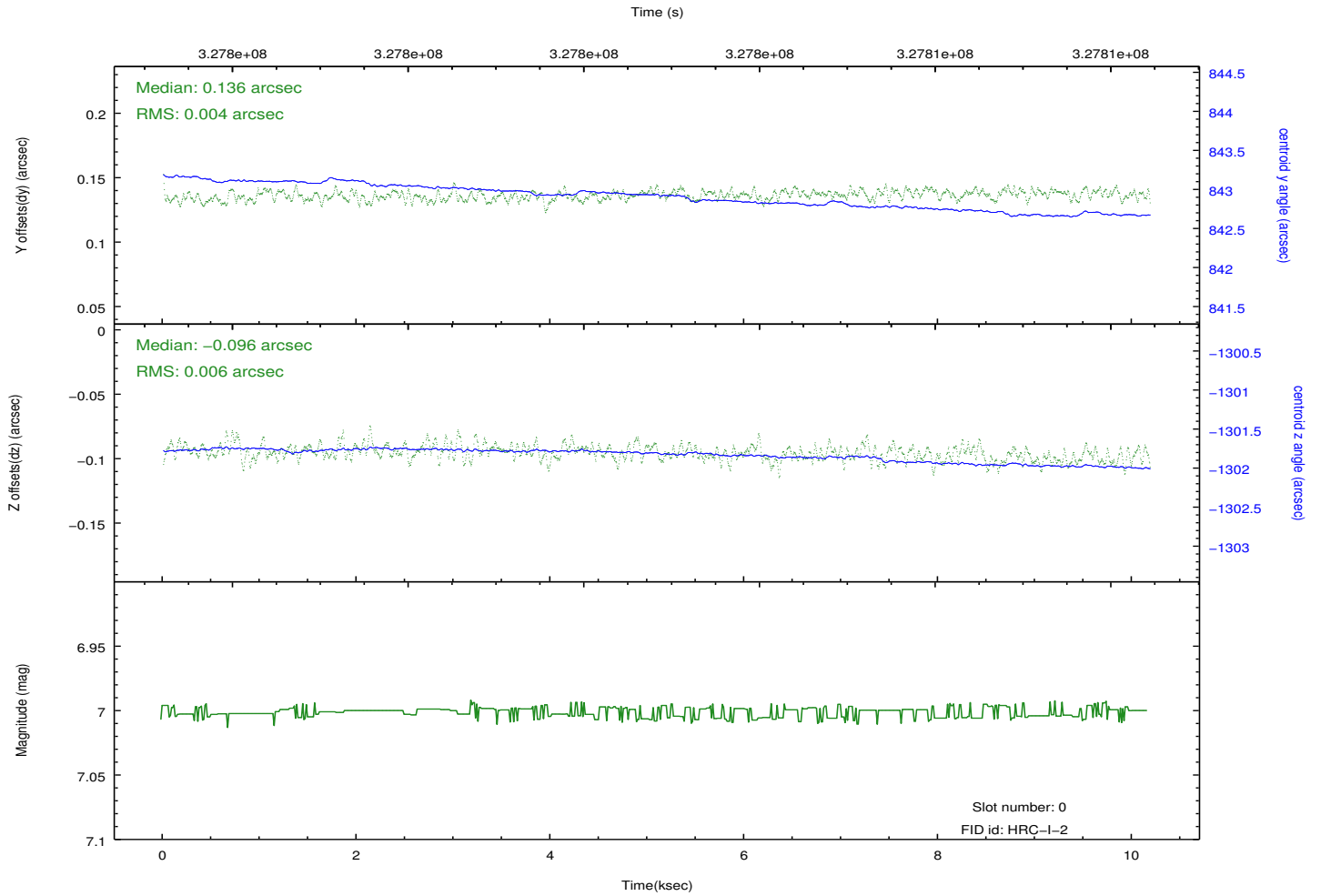
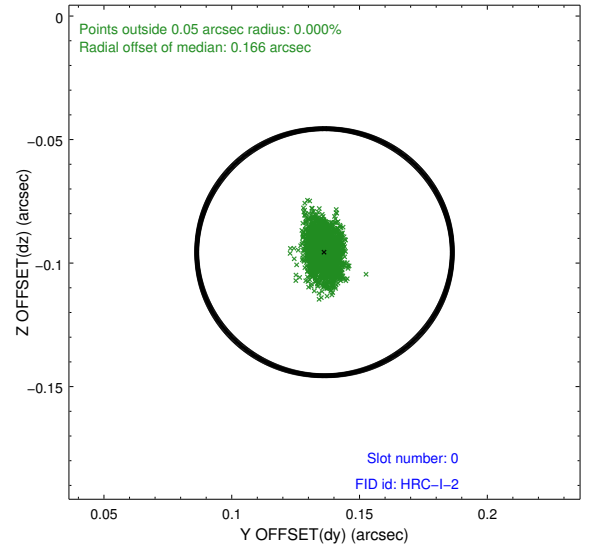
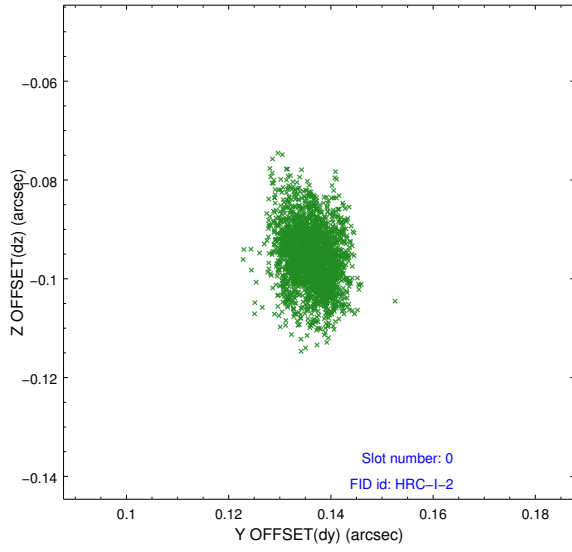


2.4.5 Slot 7

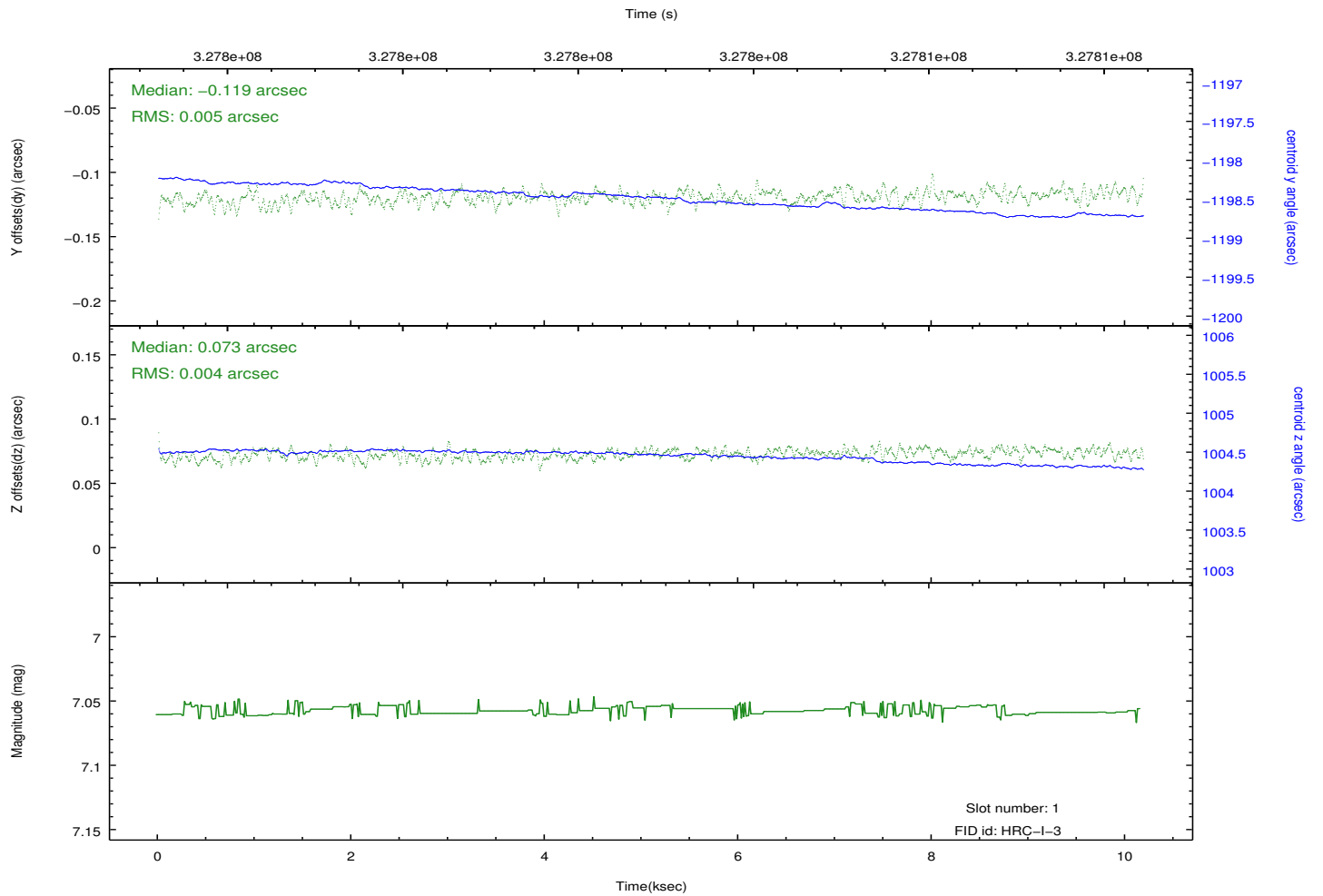
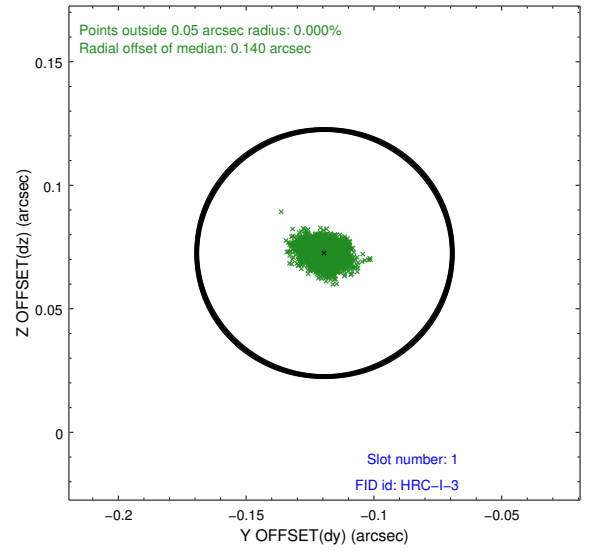
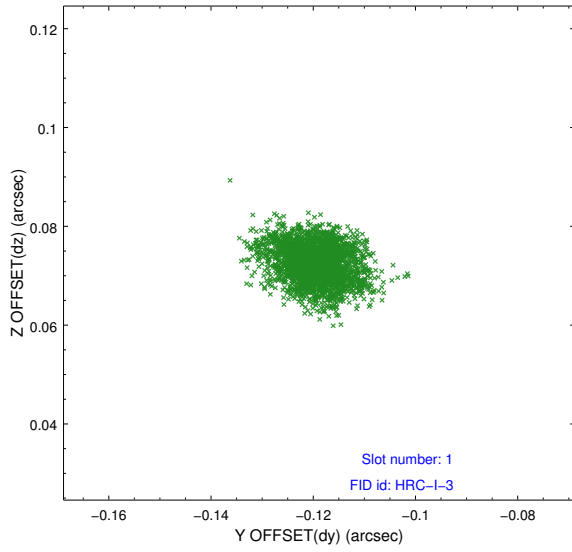


2.5 FID Slots

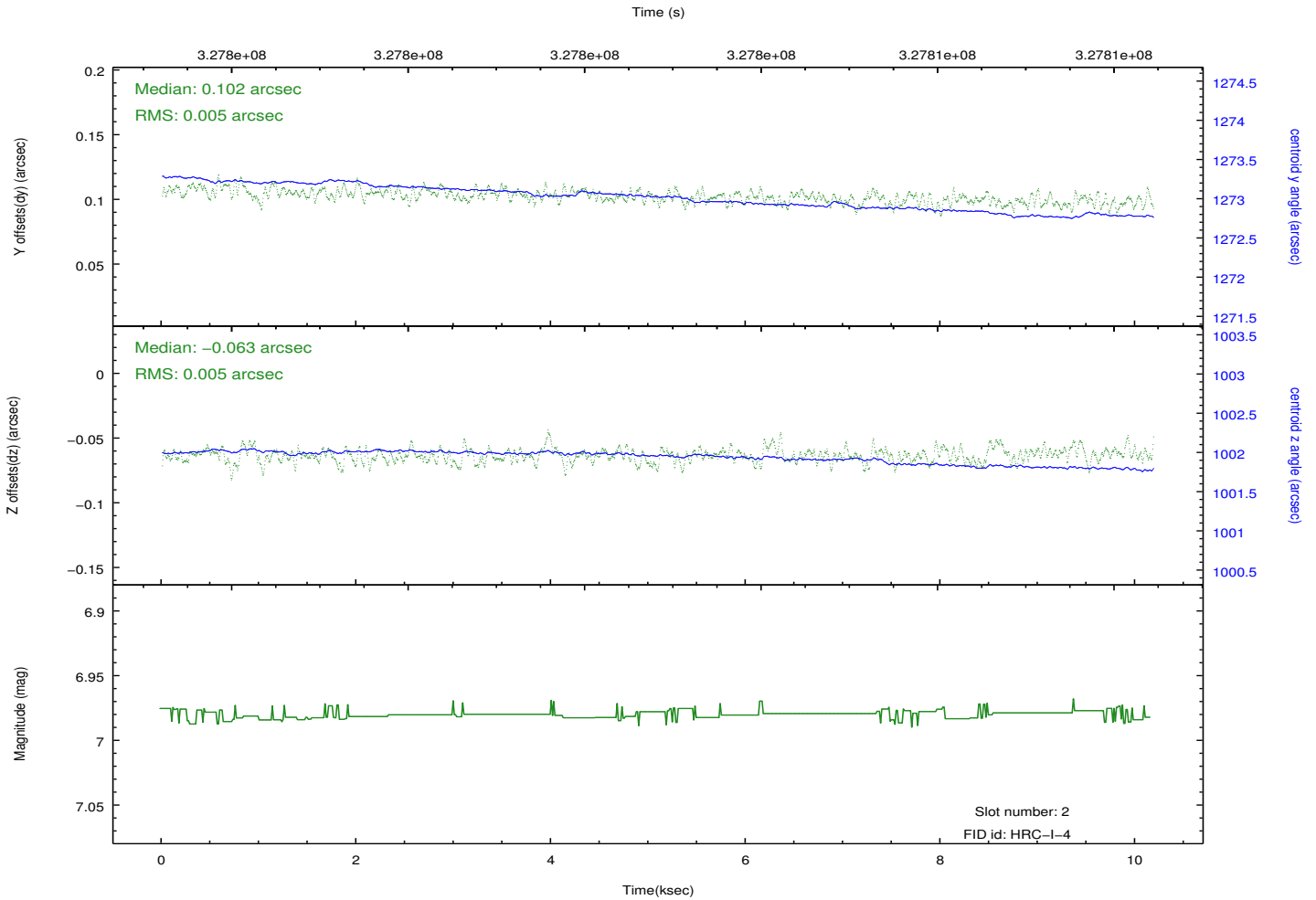
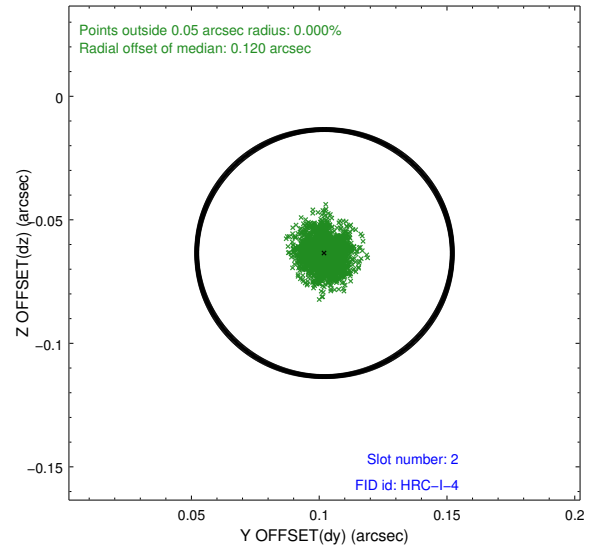
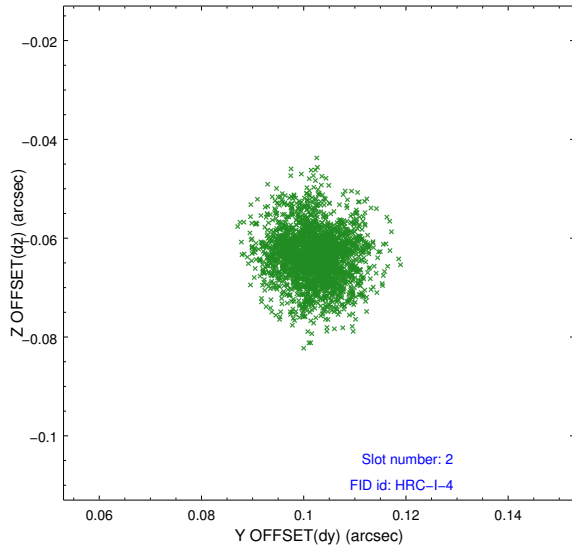
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1810692

A.2 Comments

Window constraint met.