

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6434 - L2 Version 4
Chandra X-Ray Center

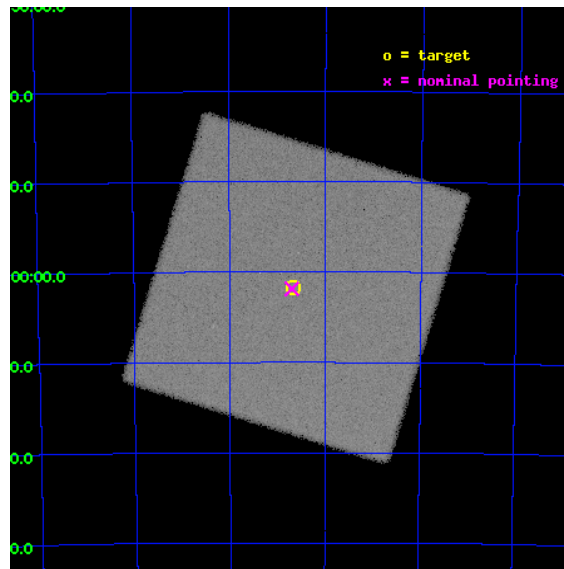
L2 Processing Date : Aug 11 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

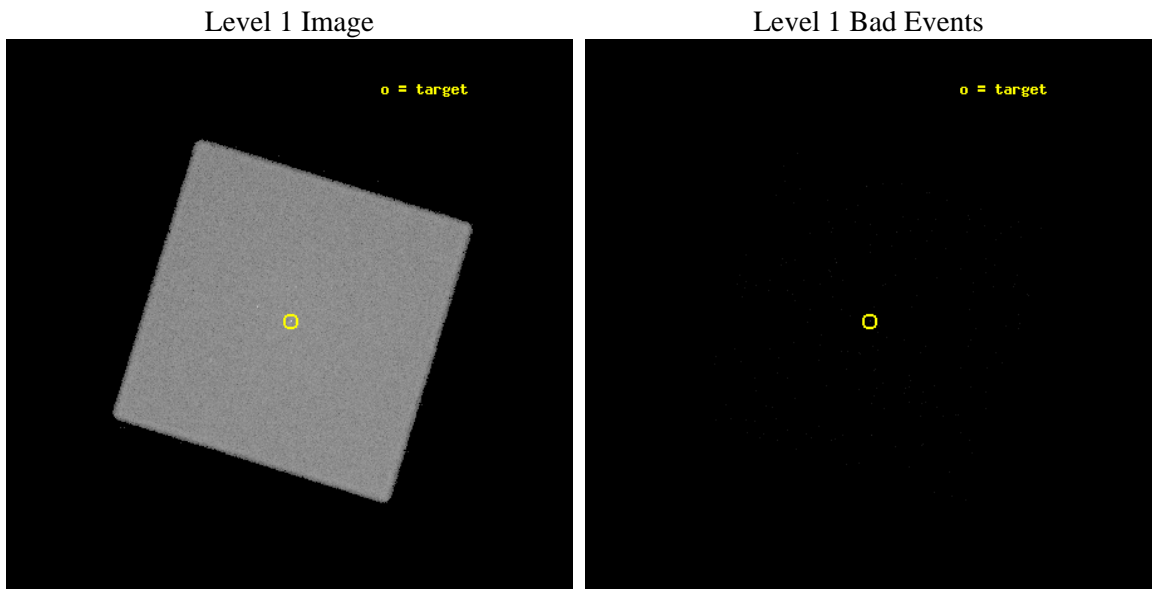
seq_num	200408	Sequence number
obs_id	6434	Observation id
title	Further Resolving the Puzzle of Hybrid Star X-rays	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	HD 150798	Source name
ra_targ	252.16625	Observer's specified target RA [deg]
dec_targ	-69.027722	Observer's specified target Dec [deg]
ra_nom	252.17400034176	Nominal RA [deg]
dec_nom	-69.031080118894	Nominal Dec [deg]
roll_nom	332.20108304392	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10183.631726682	[s]
livetime	10092.53979159	Ontime multiplied by DTCOR
l2events	499287	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10183.631726682	[s]
caldbver	4.5.1.1	 	l1events	823142	Number of level 1 events
date	2012-08-11T08:29:49	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

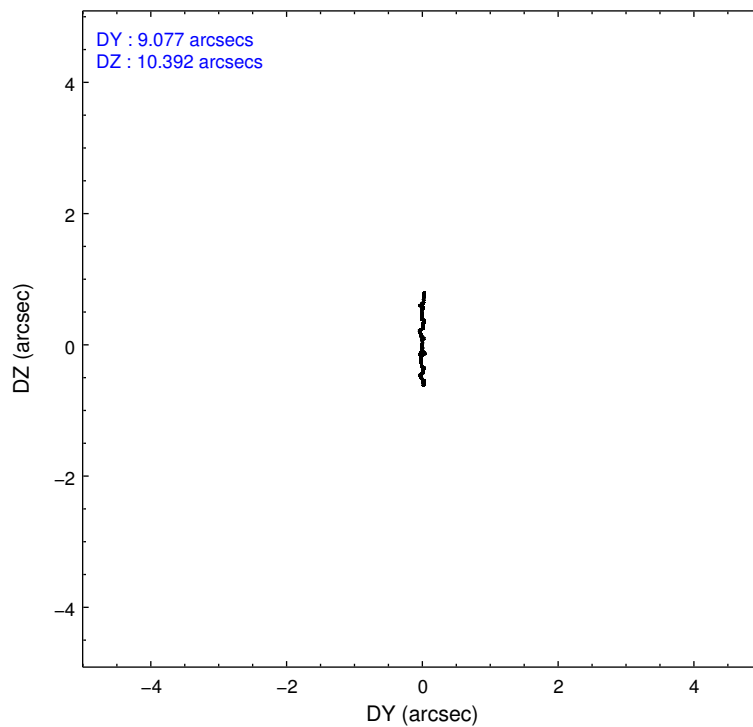
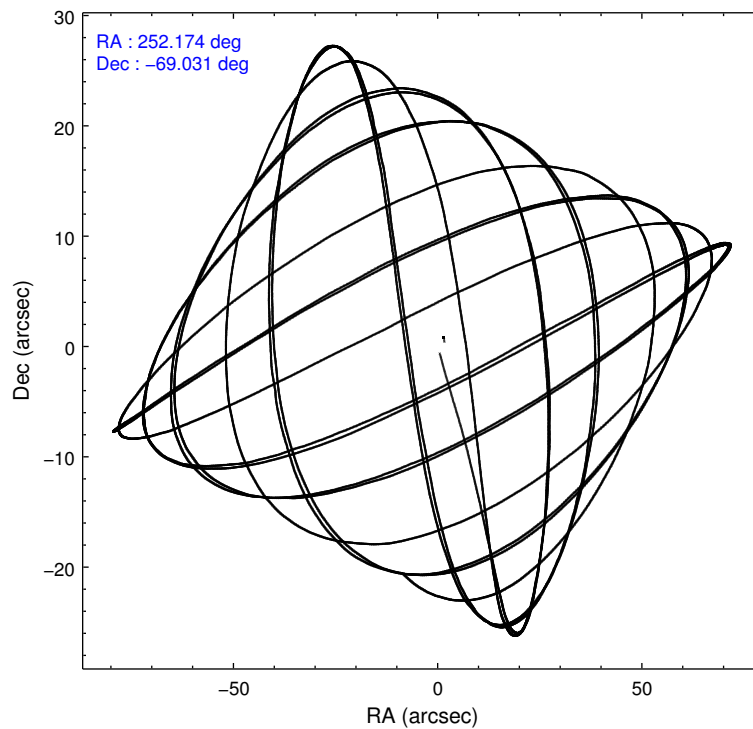
Level 1 Events

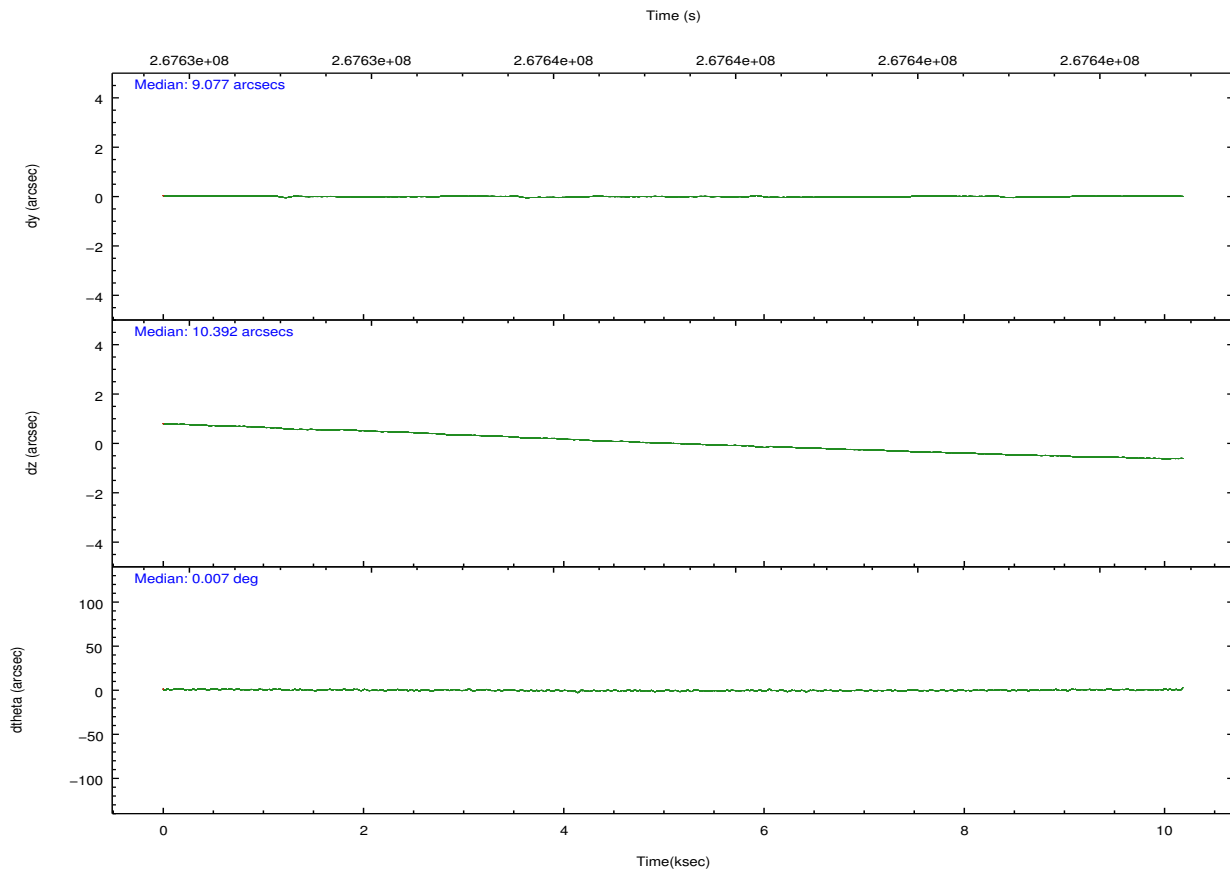
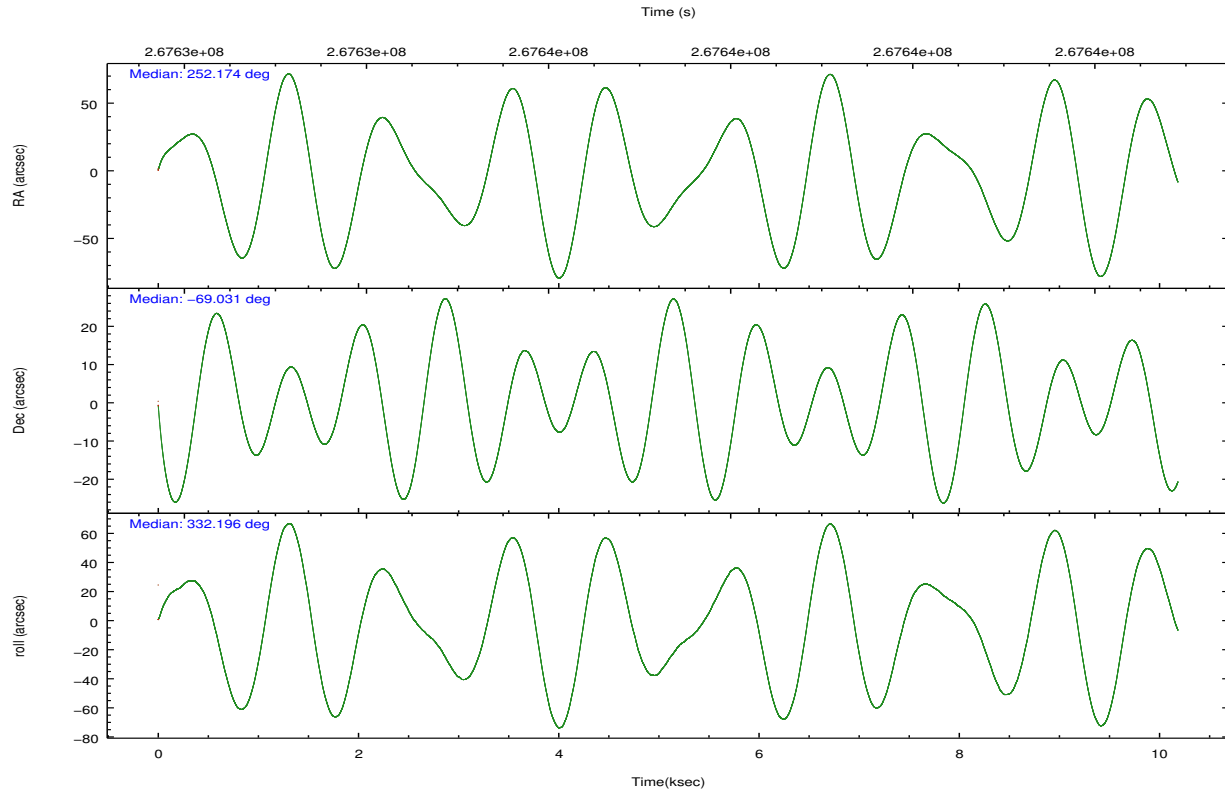
	segment 0
level 1 events	823142
rejected events	77147
rejected %	9%

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	252.098066	252.1740003417587			
[deg] Pointing Dec	-69.032592	-69.03108011889357			
[deg] Pointing Roll	332.225673	332.2010830439174			
[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)	267632408.184000	267631228.37214			
Observation start date	2006-06-25T14:19:03	2006-06-25T14:00:28			
[s] Observation end time (MET)	267642408.184000	267643518.63522			
Observation end date	2006-06-25T17:05:43	2006-06-25T17:25:18			

2.3 Aspect



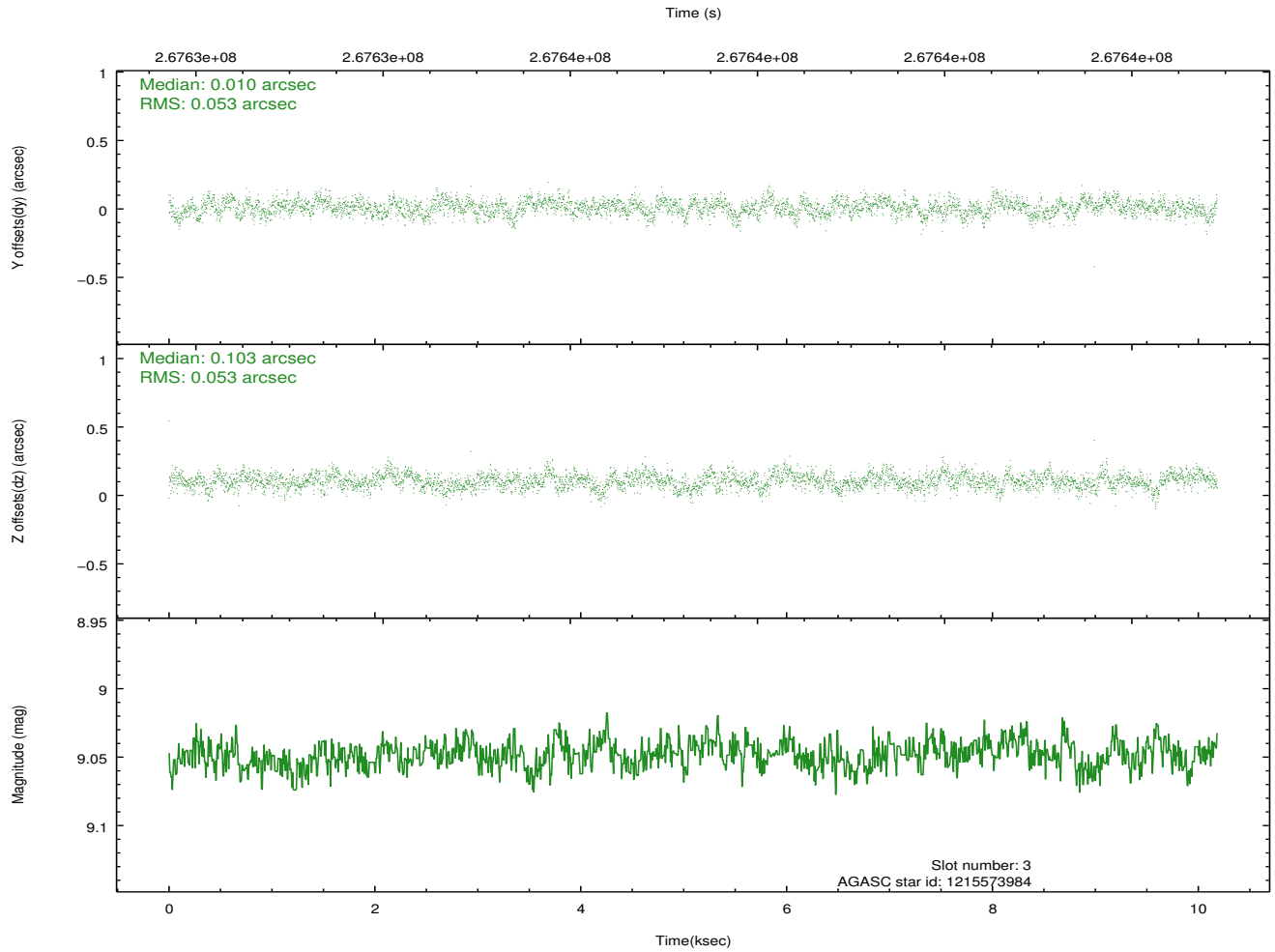
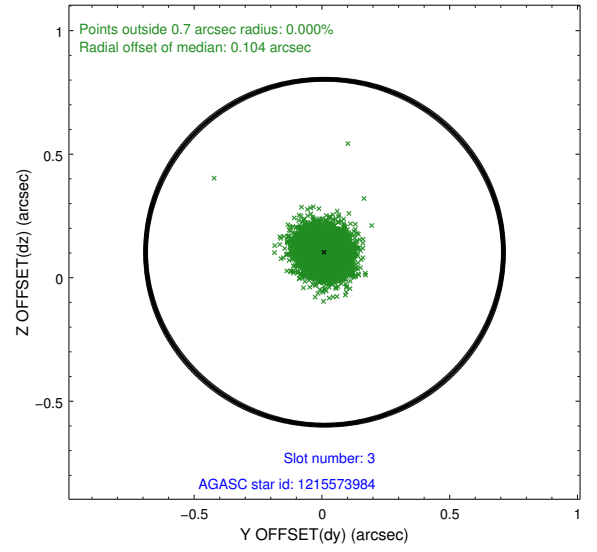
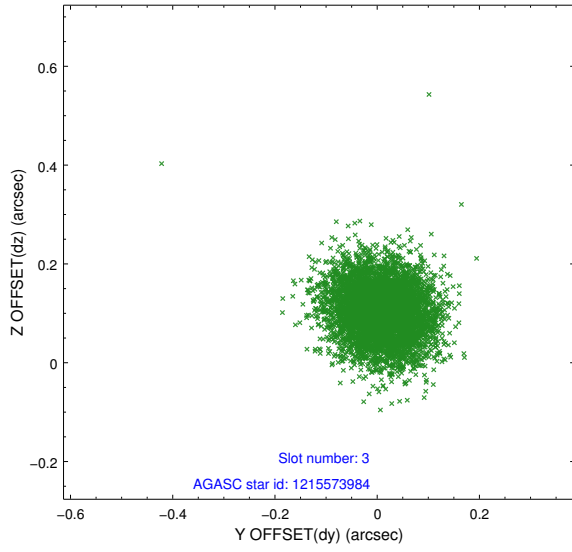


Slot Statistics

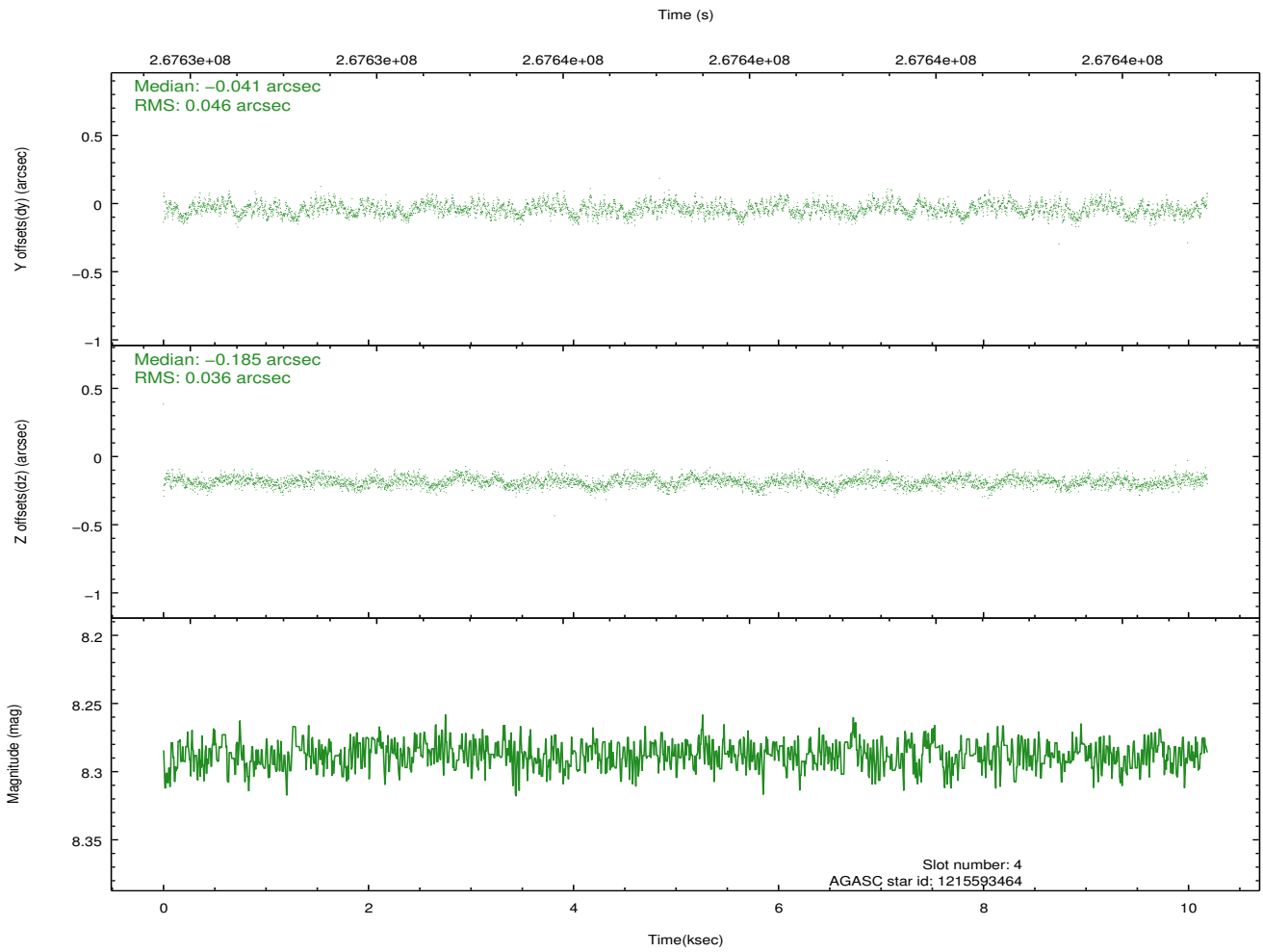
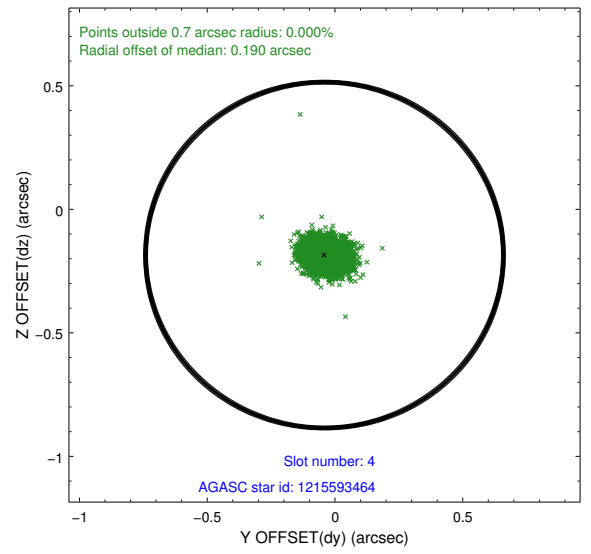
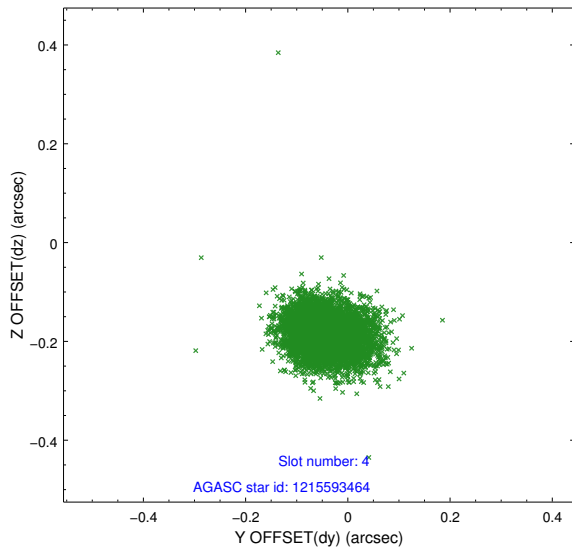
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	2485	-0.032	0.024	0.014	0.021	0.000000	0.000000	-764.71	-1298.37
1	FID	HRC-I-2	7.02	2485	0.136	-0.070	0.008	0.014	0.000000	0.000000	847.78	-1300.51
2	FID	HRC-I-3	7.08	2484	0.015	-0.046	0.012	0.025	0.000000	0.000000	-1192.87	1005.59
3	GUIDE	1215573984	9.05	4968	0.010	0.103	0.079	0.127	250.199140	-69.072416	-2075.85	-1297.90
4	GUIDE	1215593464	8.29	4968	-0.041	-0.185	0.062	0.099	251.740146	-68.397373	-1485.65	1800.88
5	GUIDE	1216100216	9.01	4964	-0.047	0.118	0.095	0.150	251.133579	-69.537222	-223.37	-2180.59
6	GUIDE	1216219032	8.93	4962	0.095	0.094	0.089	0.142	252.901623	-69.589337	1829.67	-1308.91
7	GUIDE	1215718096	7.75	4967	-0.017	-0.131	0.072	0.119	253.845174	-69.279788	2398.18	221.66

2.4 Star Slots

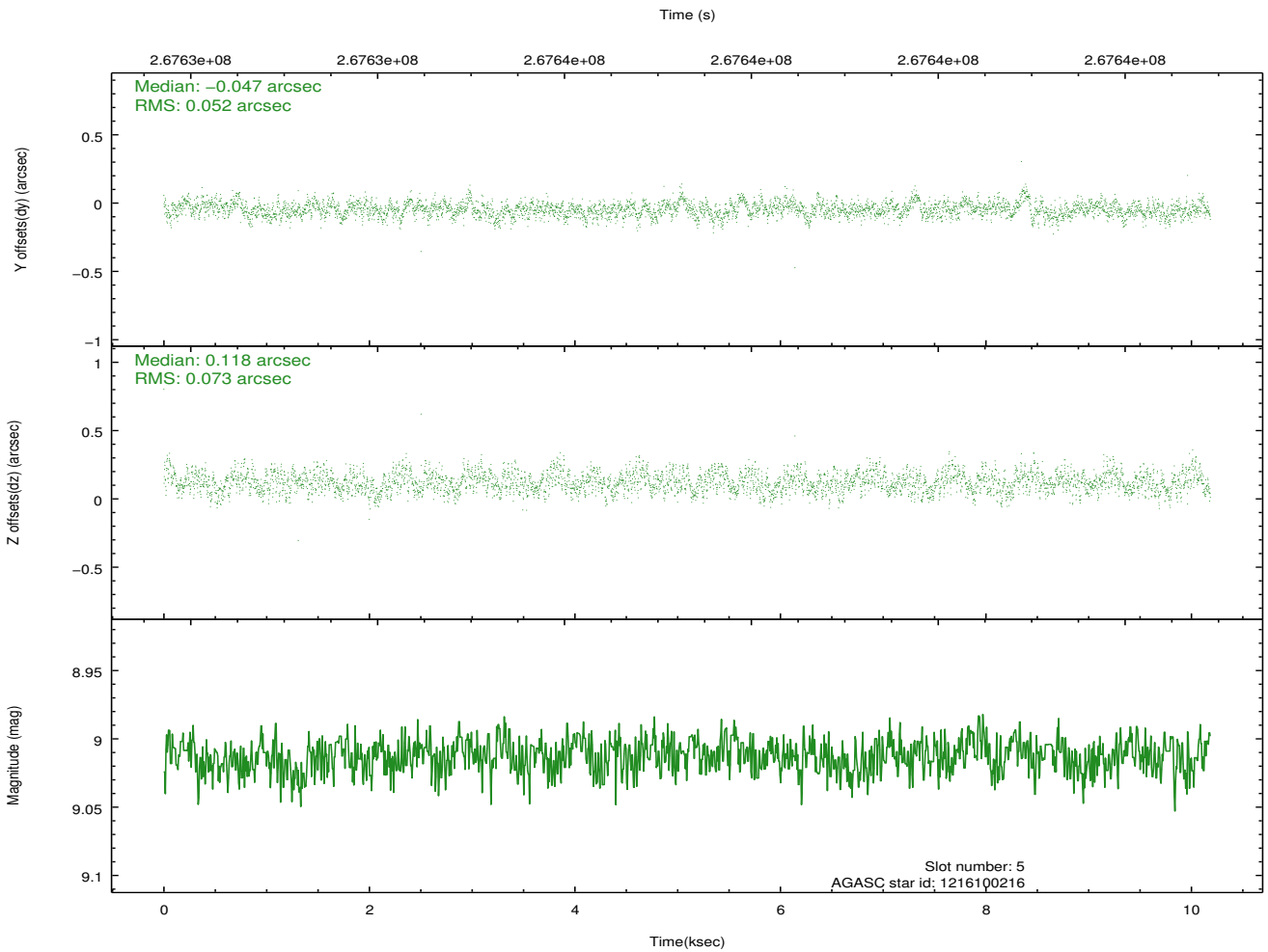
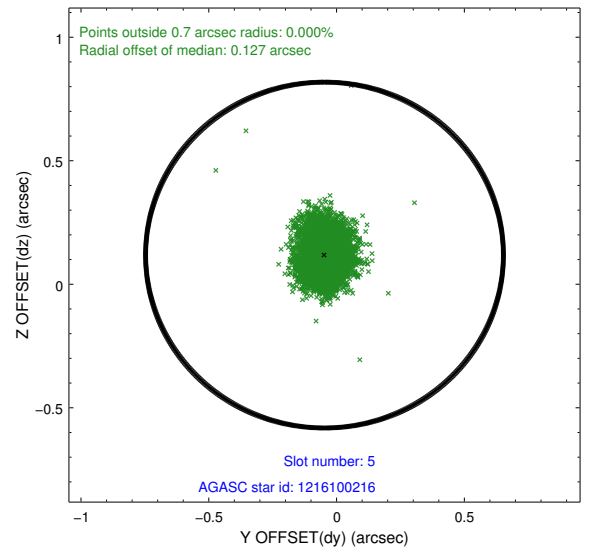
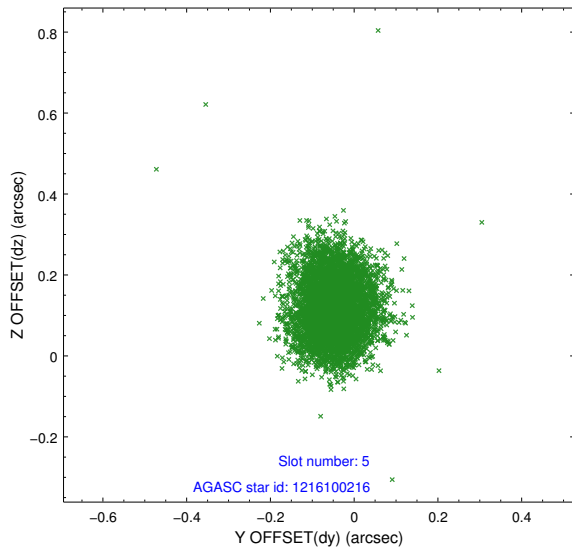
2.4.1 Slot 3



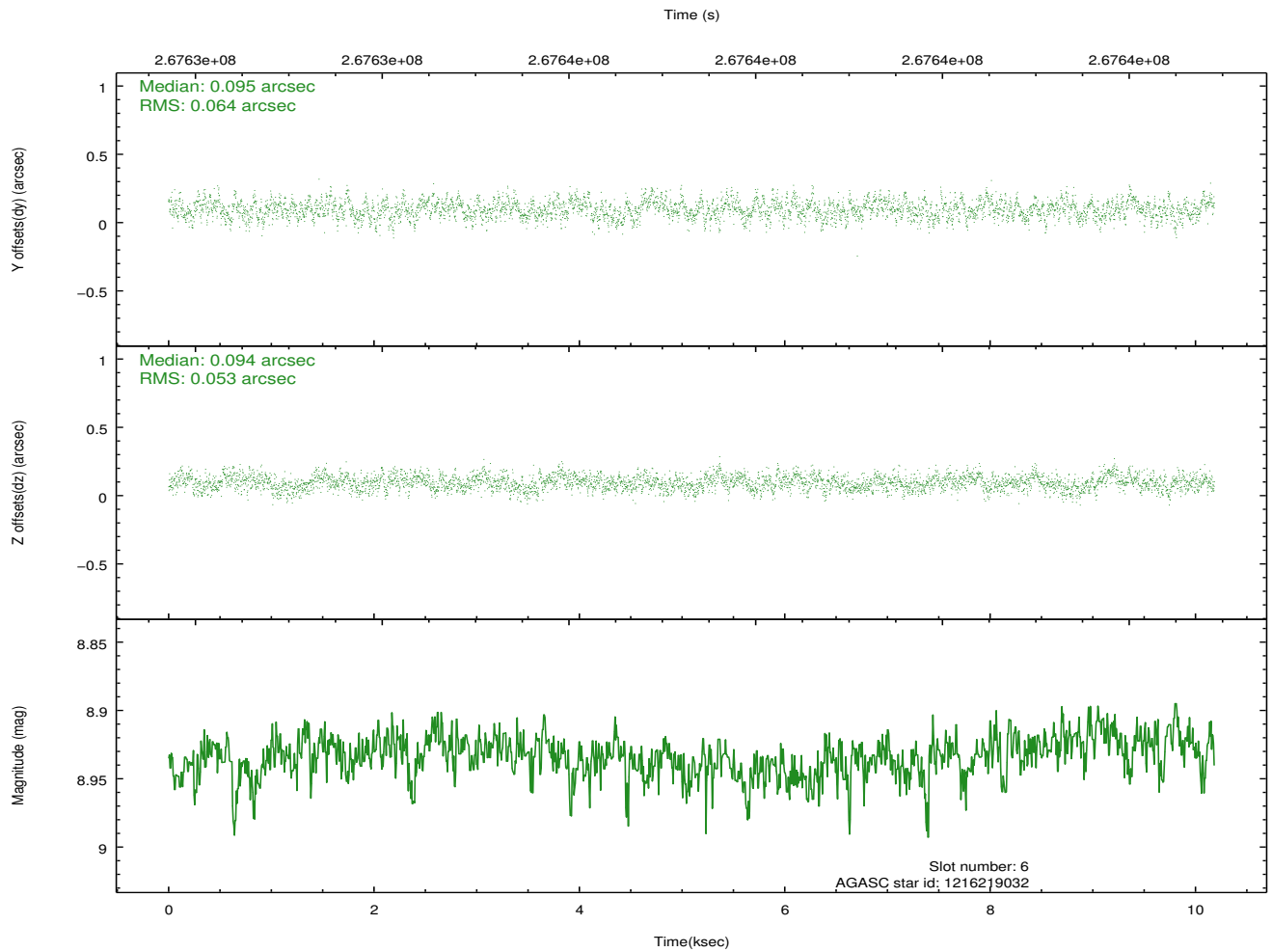
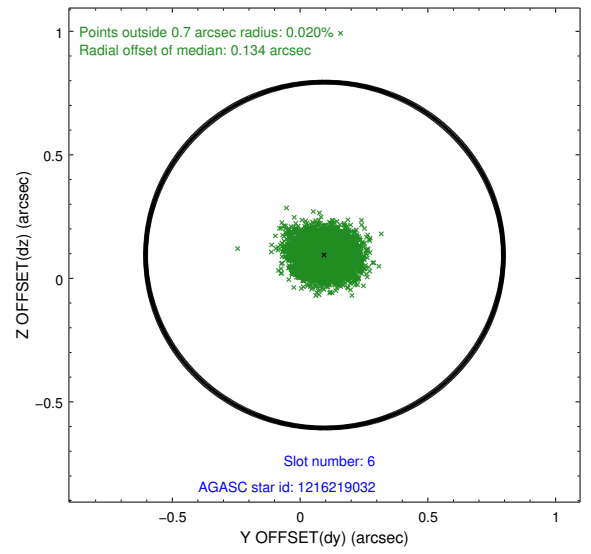
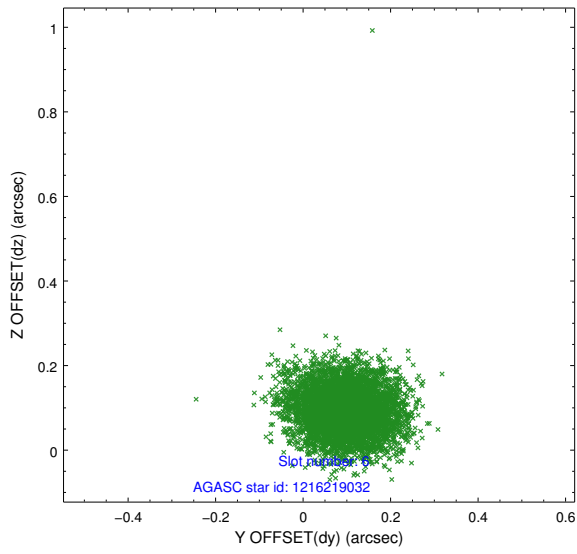
2.4.2 Slot 4



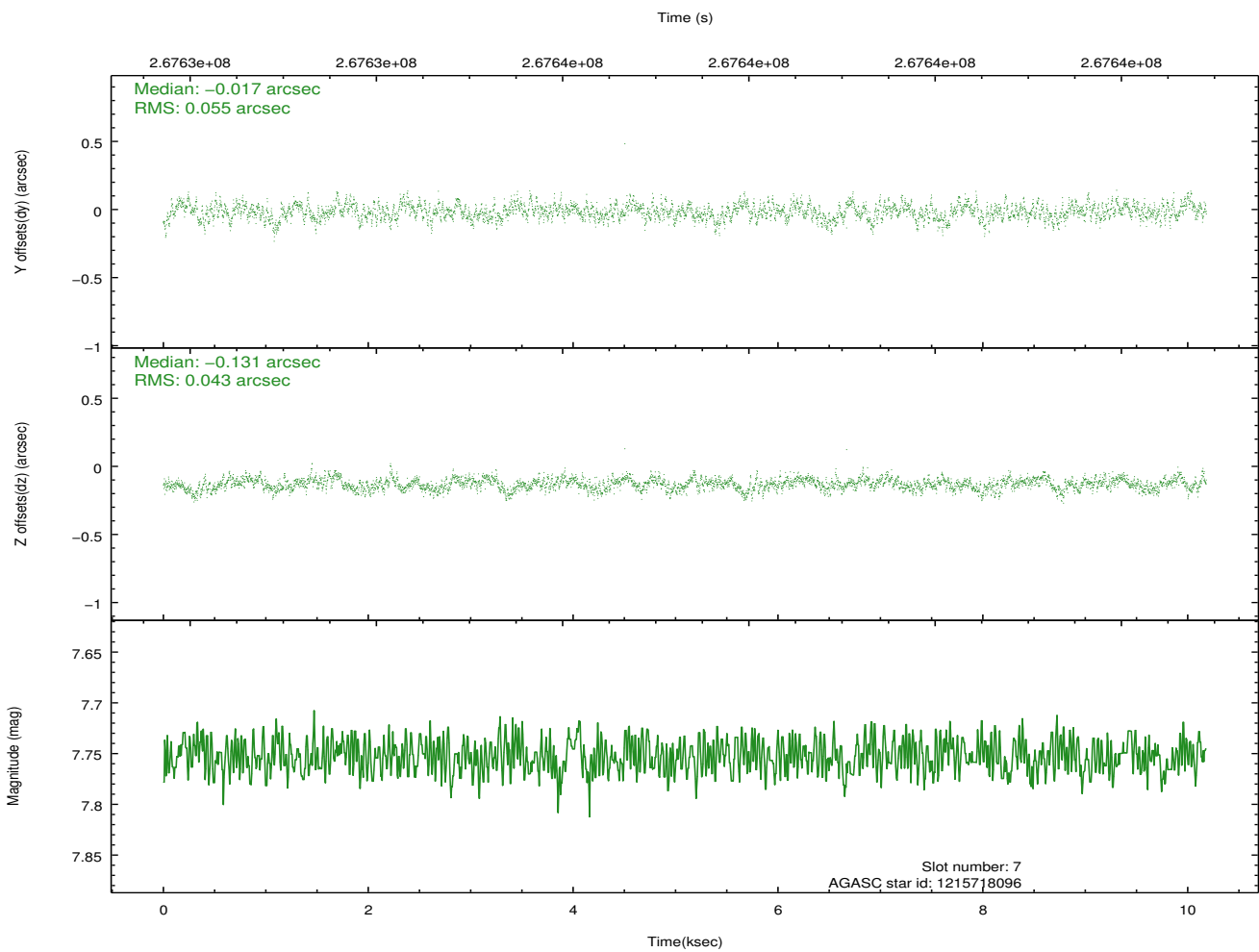
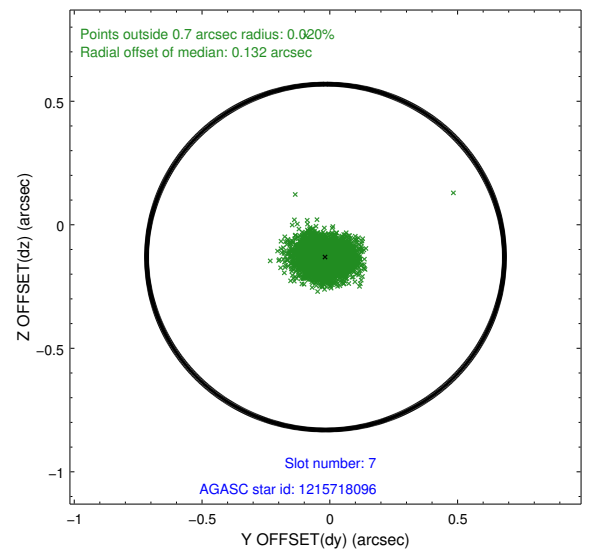
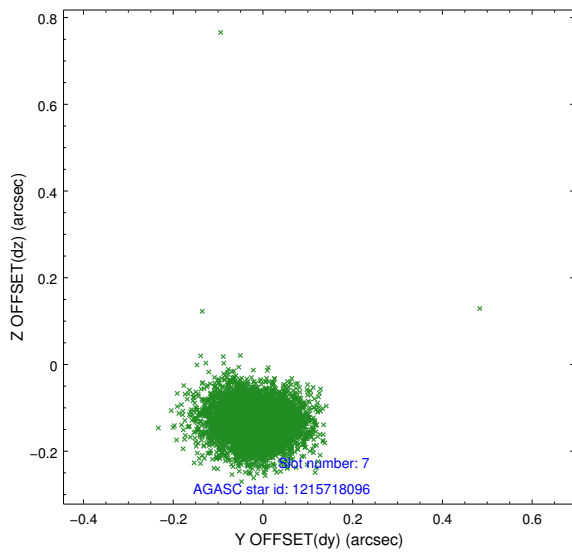
2.4.3 Slot 5



2.4.4 Slot 6

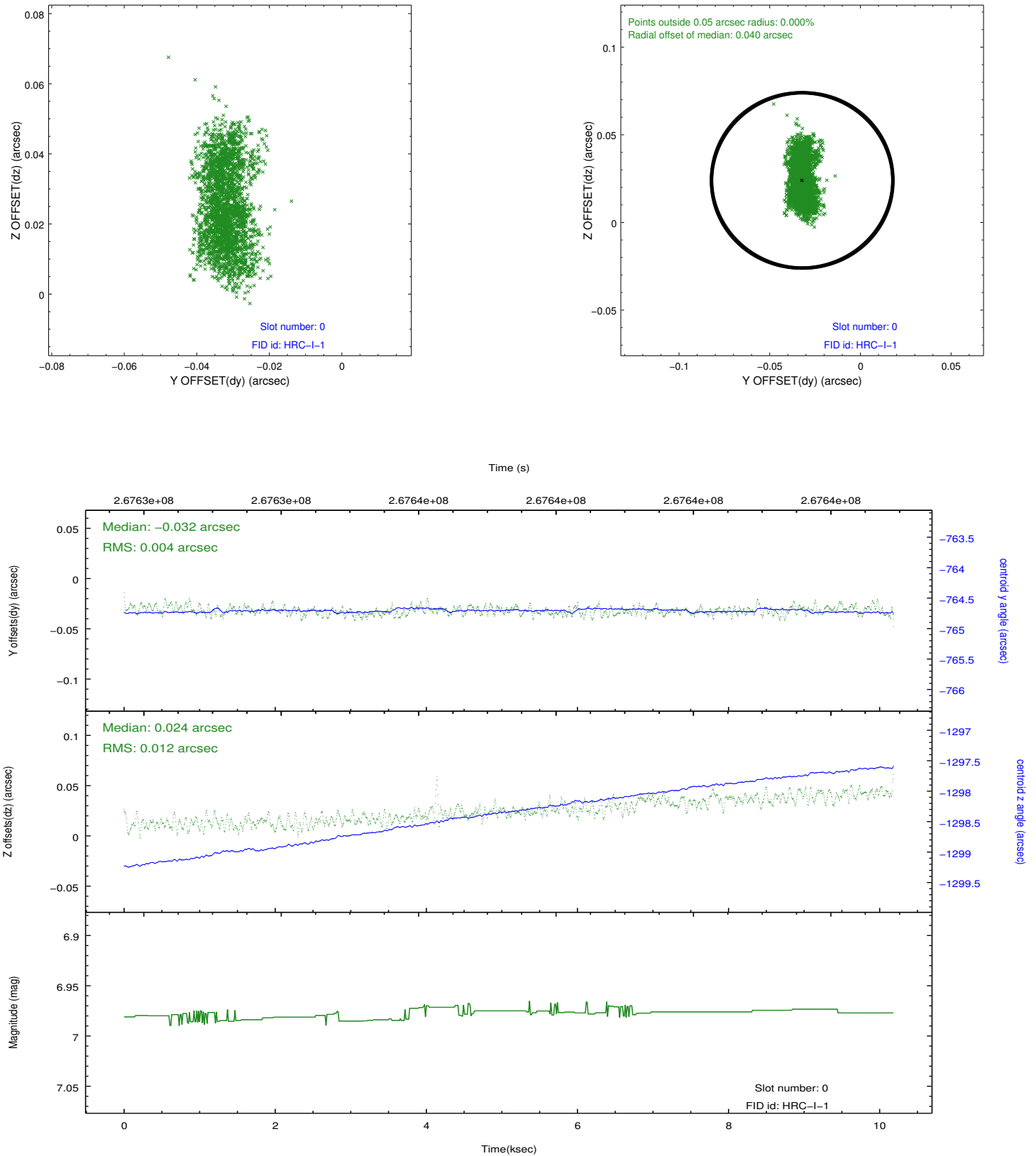


2.4.5 Slot 7

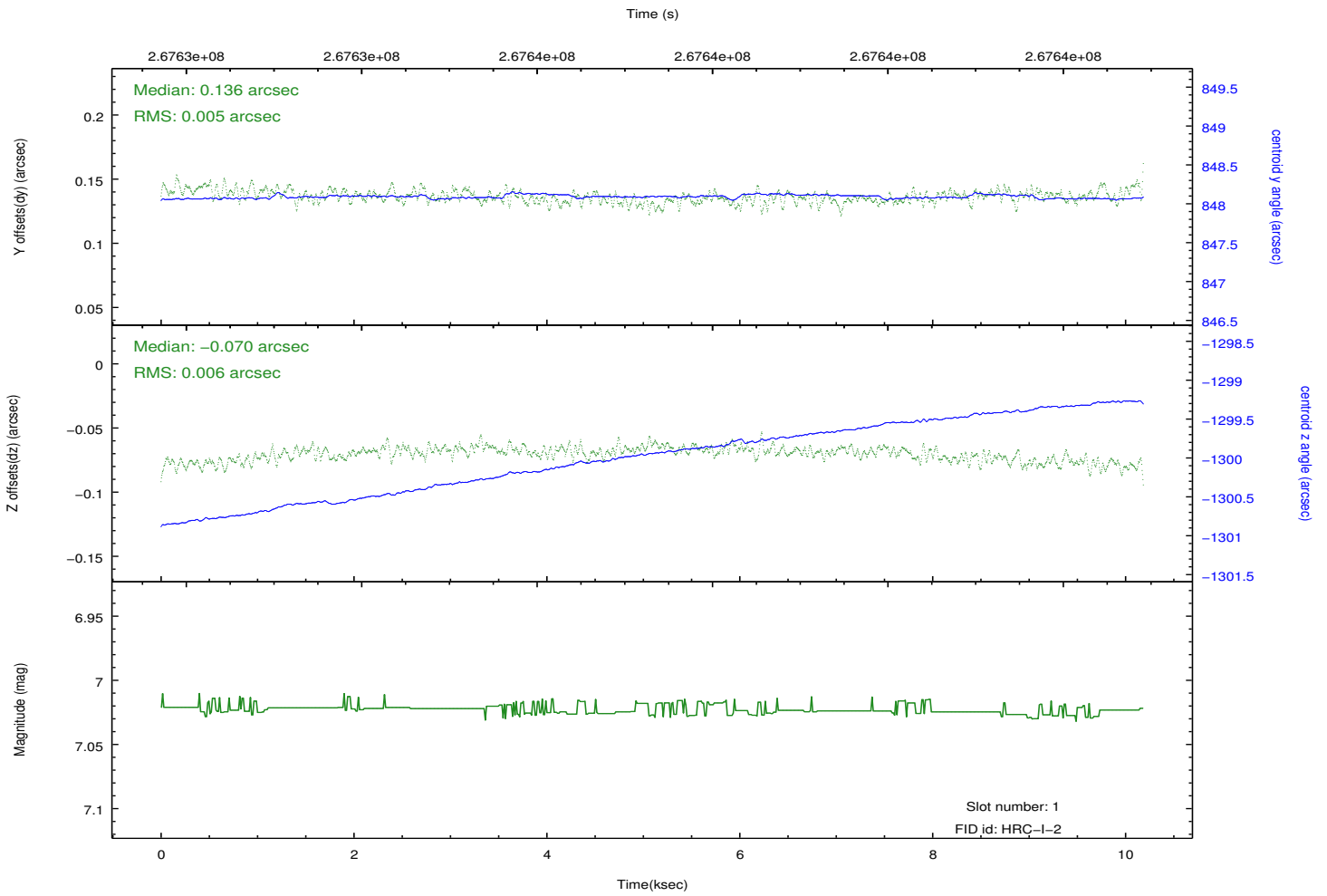
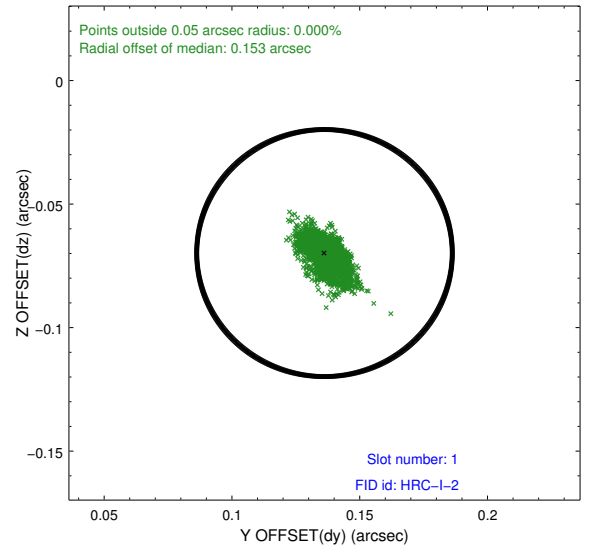
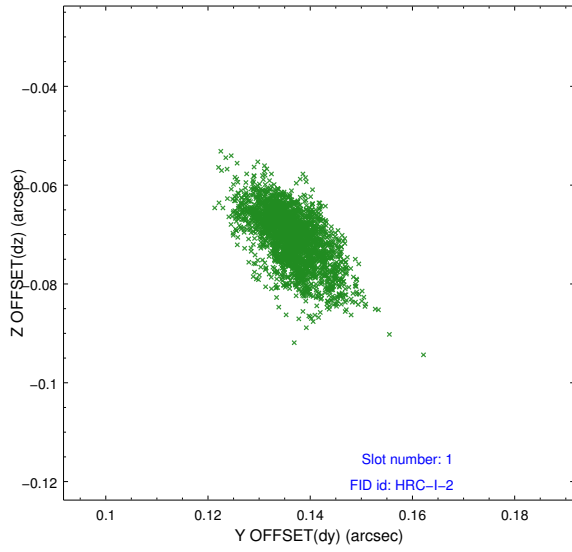


2.5 FID Slots

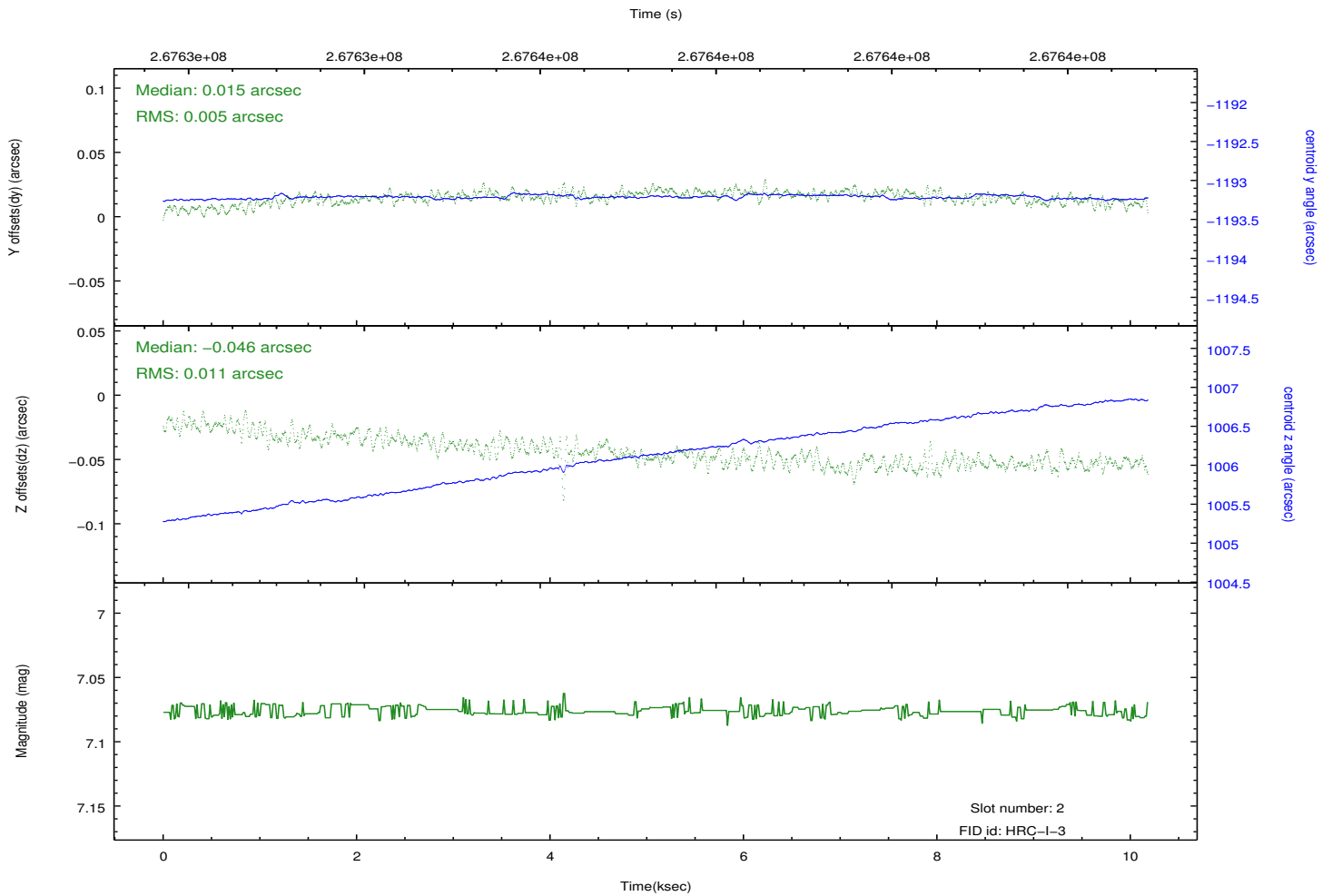
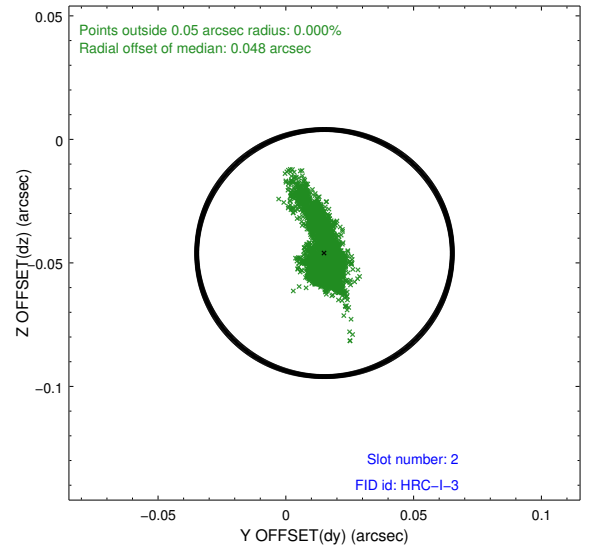
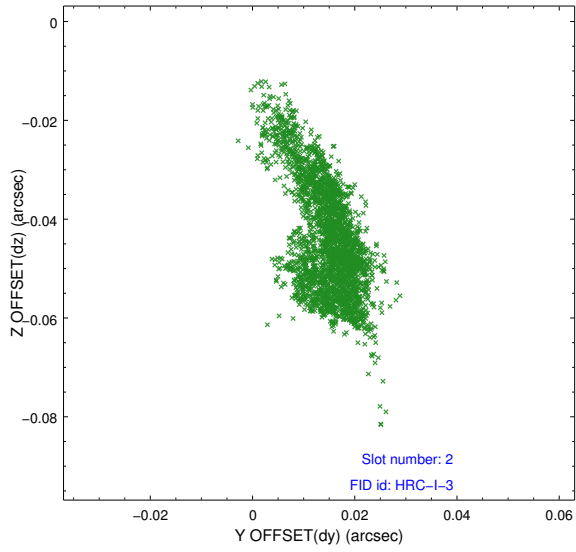
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1836317

A.2 Comments

Joint proposal with HST.