

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 9643 - L2 Version 3
Chandra X-Ray Center

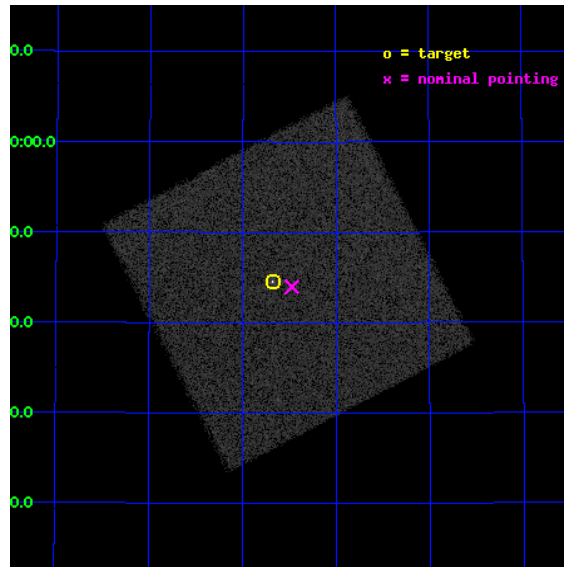
L2 Processing Date : Aug 12 2012

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1 Front

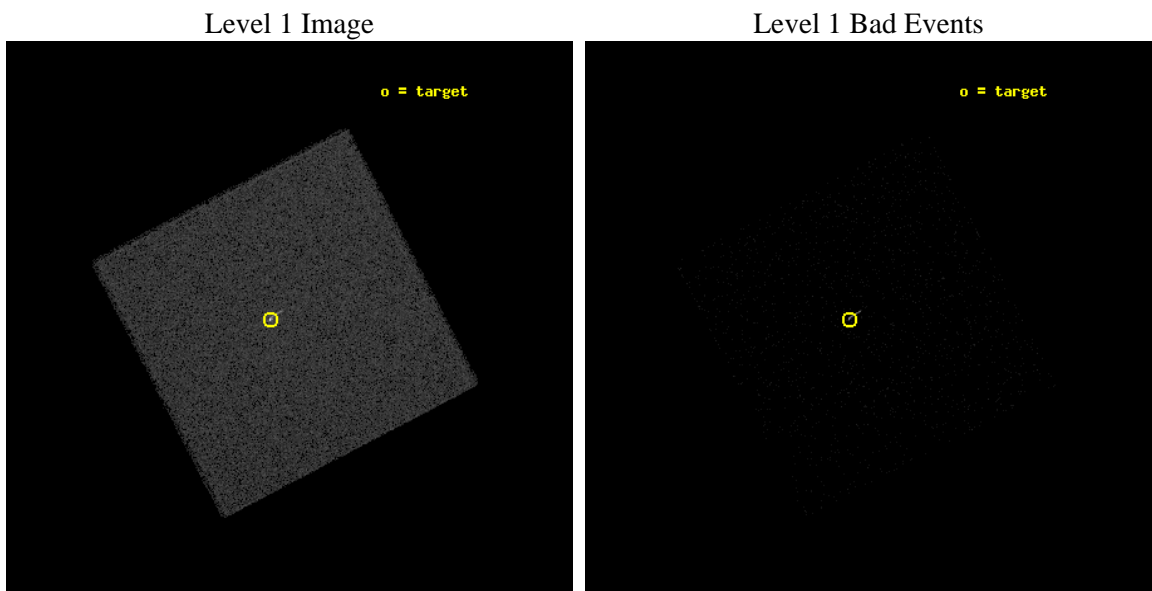
seq_num	290766	Sequence number
obs_id	9643	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1182852226	Nominal RA [deg]
dec_nom	45.7328908019	Nominal Dec [deg]
roll_nom	197.57431237052	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1358.1250665784	[s]
livetime	1325.2841242241	Ontime multiplied by DTCOR
l2events	98660	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1358.1250665784	[s]
caldbver	4.5.1.1	 	l1events	174272	Number of level 1 events
date	2012-08-12T18:25:28	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

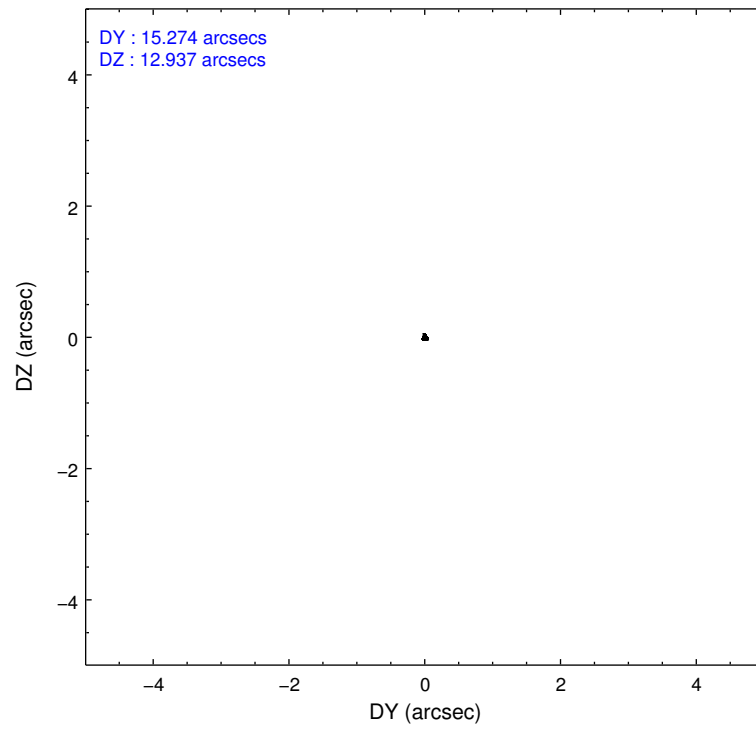
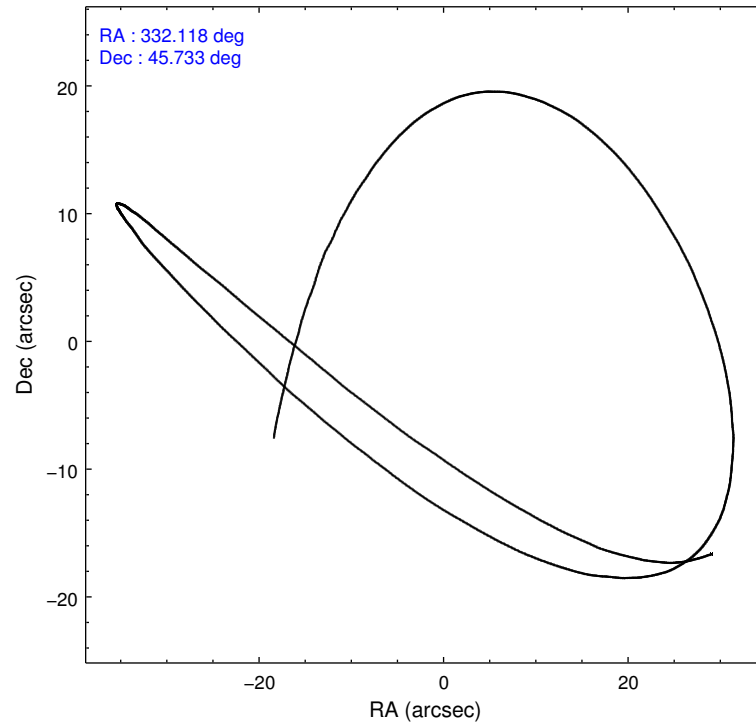
Level 1 Events

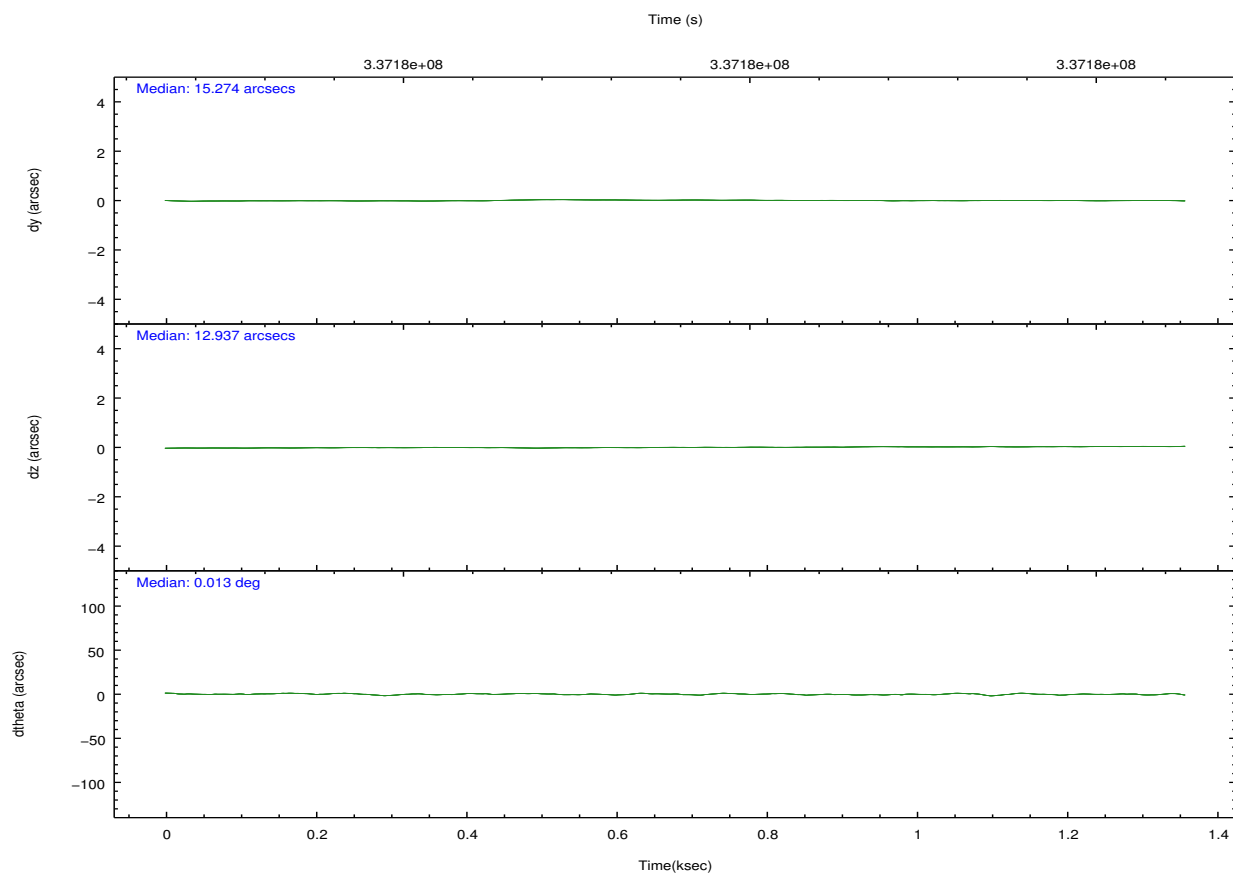
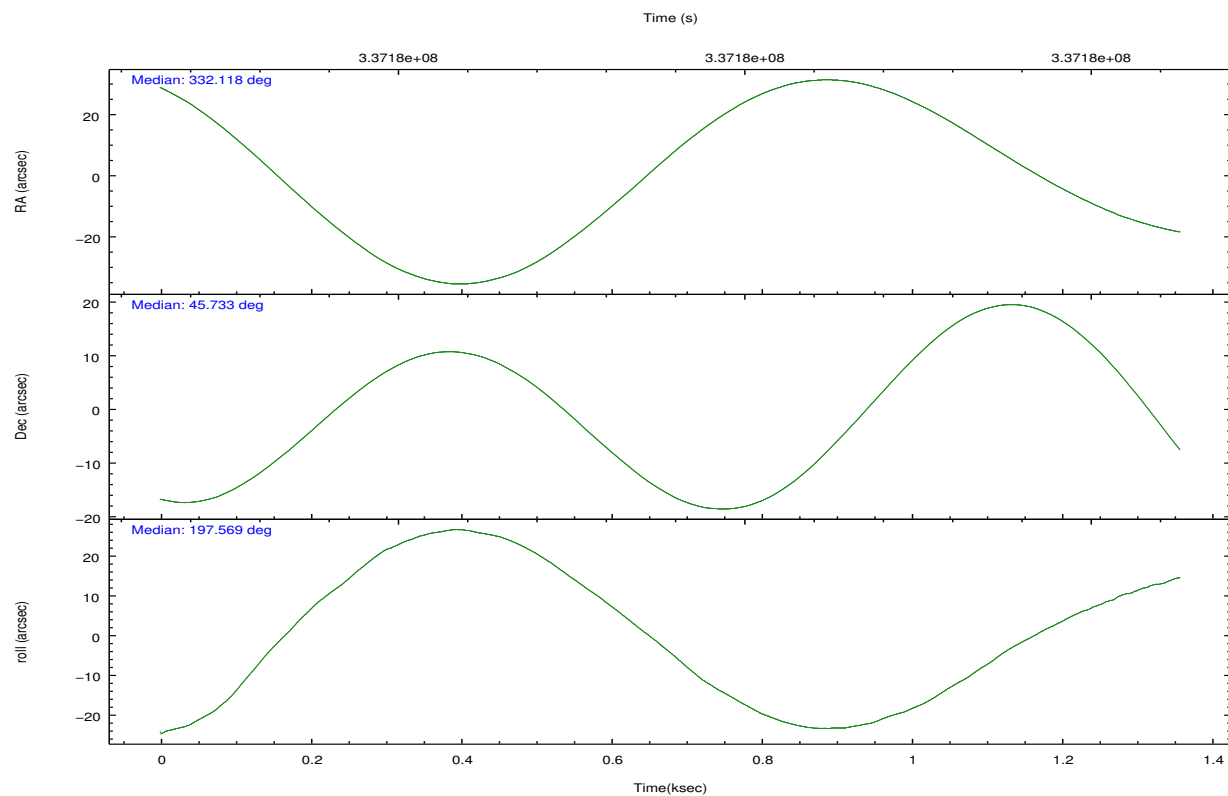
	segment 0
level 1 events	174272
rejected events	33508
rejected %	19%

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	332.144072	332.1182852225961			
[deg] Pointing Dec	45.753000	45.73289080189974			
[deg] Pointing Roll	197.651320	197.5743123705194			
[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)	337174897.184000	337174520.76793			
Observation start date	2008-09-07T11:40:32	2008-09-07T11:35:20			
[s] Observation end time (MET)	337176077.184000	337176210.99302			
Observation end date	2008-09-07T12:00:12	2008-09-07T12:03:30			

2.3 Aspect



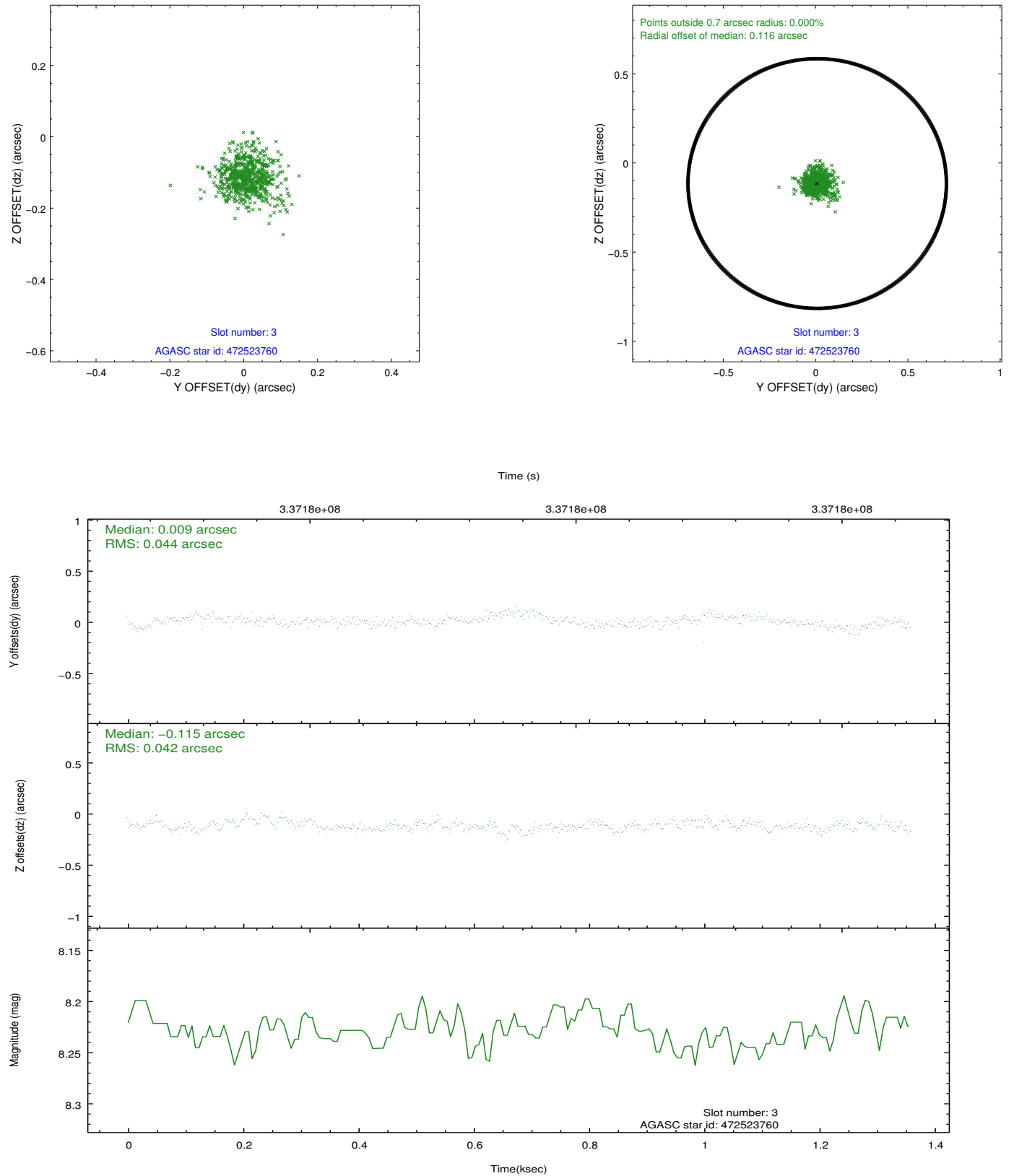


Slot Statistics

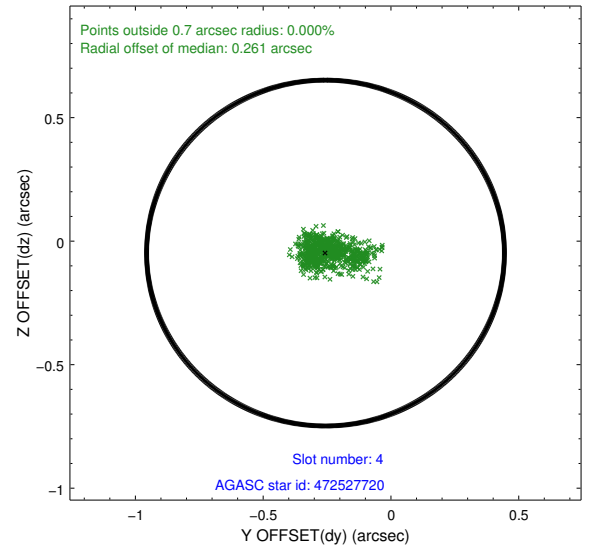
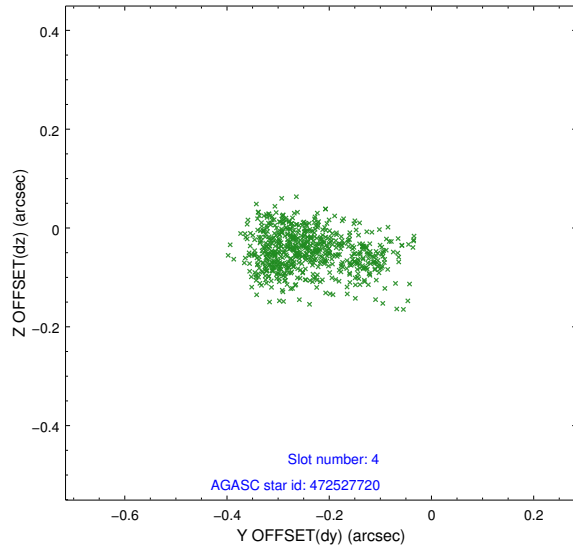
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	332	-0.106	-0.017	0.005	0.008	0.000000	0.000000	-771.30	-1300.91
1	FID	HRC-I-2	7.03	332	0.187	-0.096	0.006	0.011	0.000000	0.000000	839.30	-1306.61
2	FID	HRC-I-4	7.02	332	0.035	0.020	0.005	0.009	0.000000	0.000000	1274.34	997.19
3	GUIDE	472523760	8.23	664	0.009	-0.115	0.062	0.110	331.645363	45.403260	1582.14	815.48
4	GUIDE	472527720	7.00	664	-0.256	-0.048	0.089	0.161	331.460205	45.112509	2354.92	1666.39
5	GUIDE	472535576	7.87	664	-0.119	0.068	0.060	0.103	331.438373	46.291802	1086.32	-2383.82
6	GUIDE	472655152	9.44	663	0.117	0.080	0.125	0.206	332.504239	45.862991	-979.04	-107.43
7	GUIDE	472665256	9.01	662	0.220	0.025	0.096	0.154	332.808125	46.195041	-2062.33	-1019.97

2.4 Star Slots

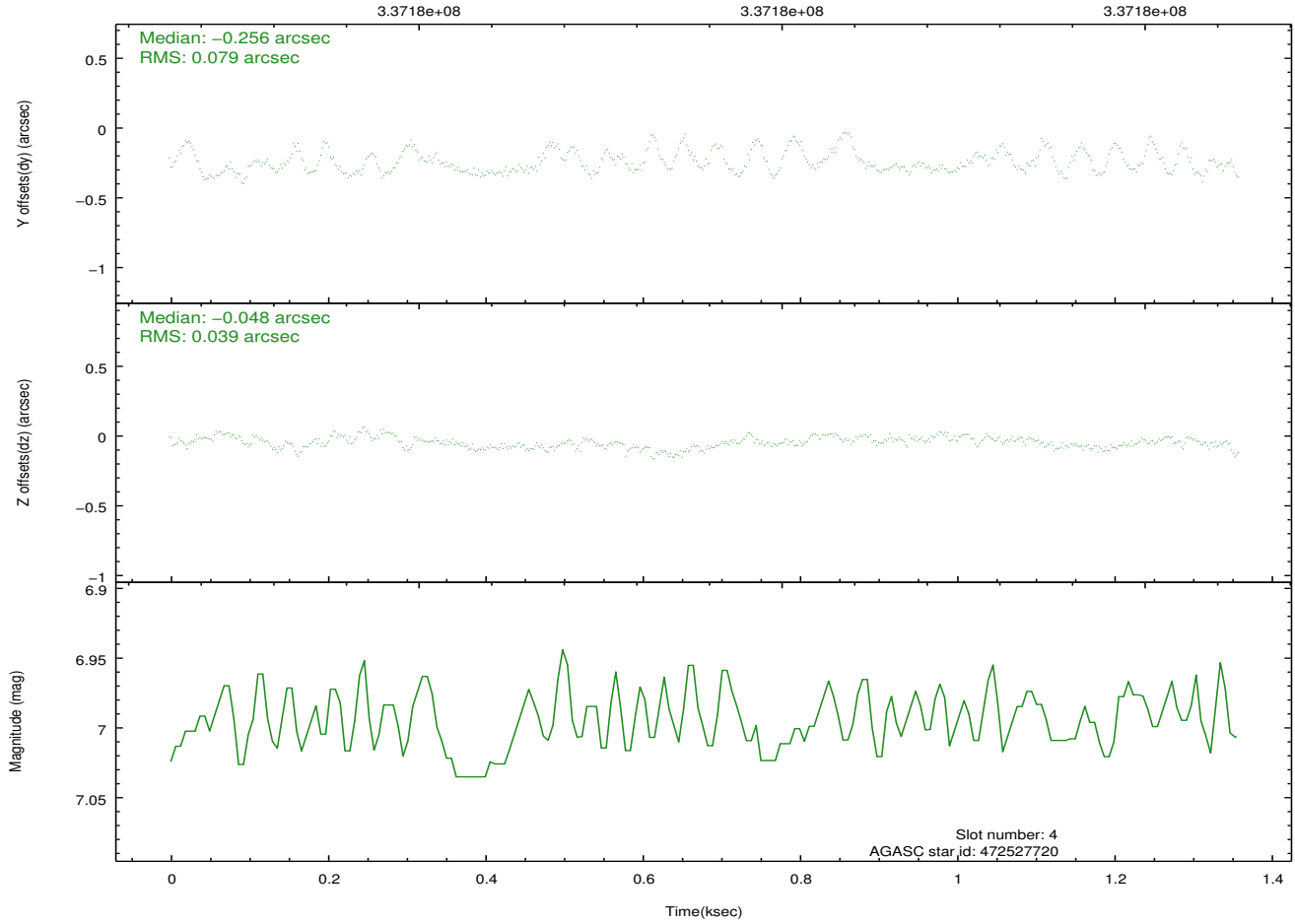
2.4.1 Slot 3



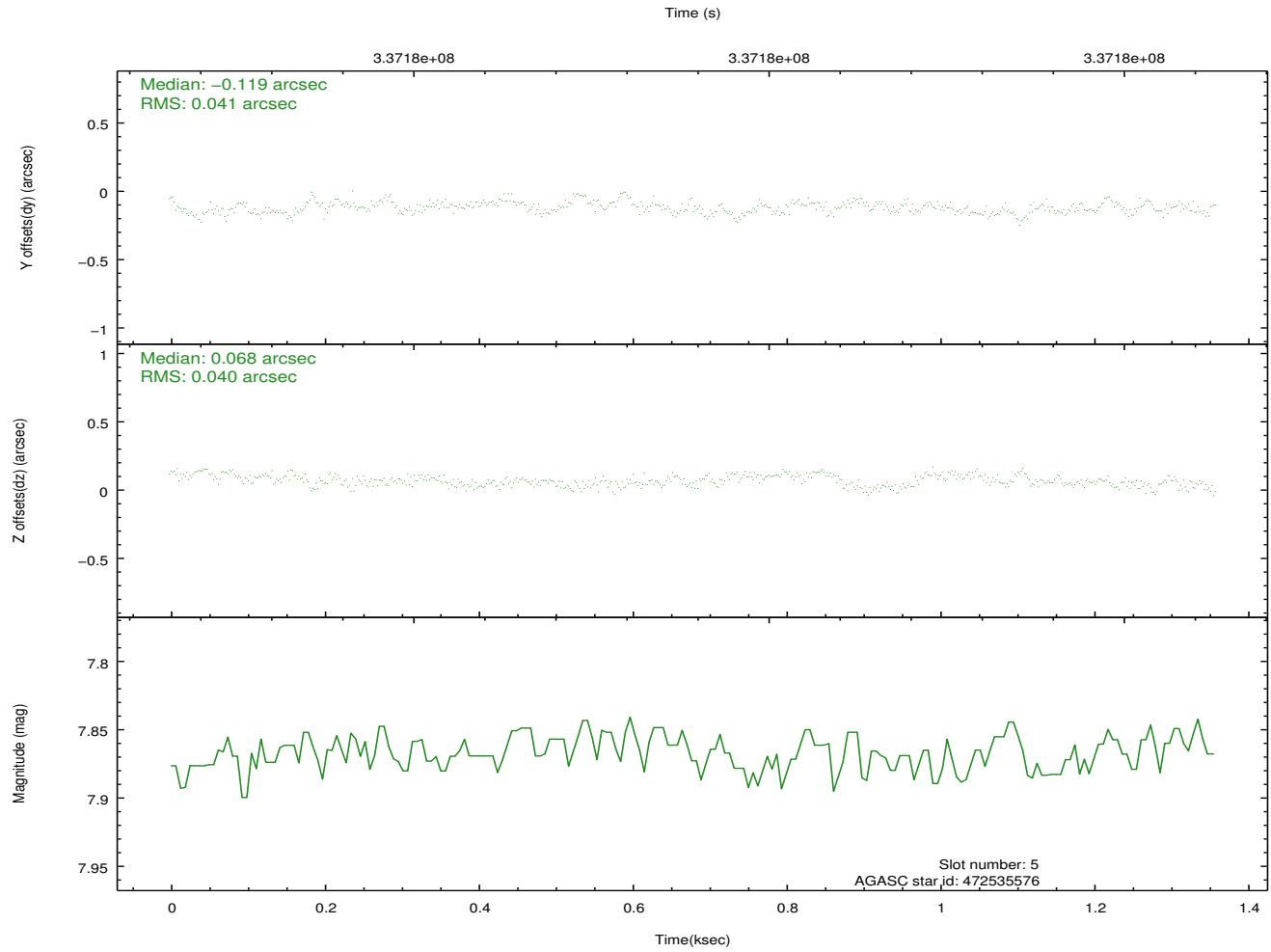
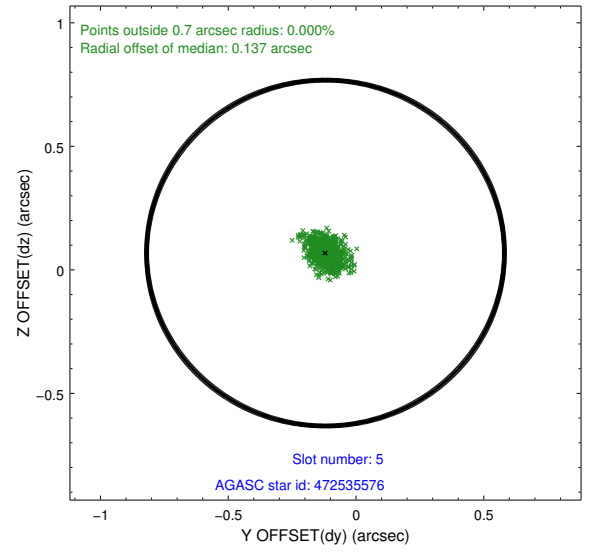
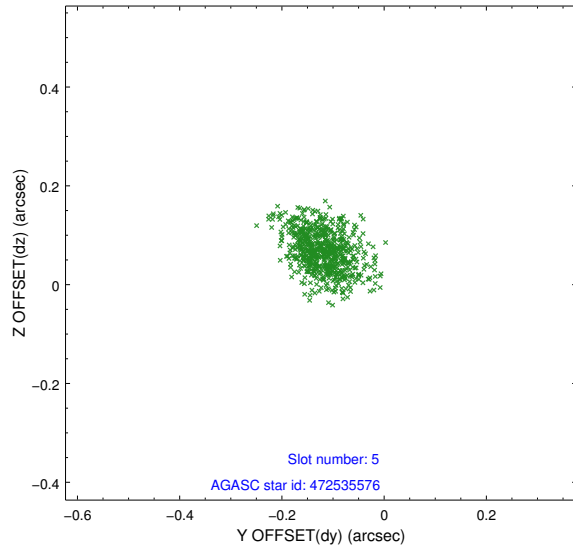
2.4.2 Slot 4



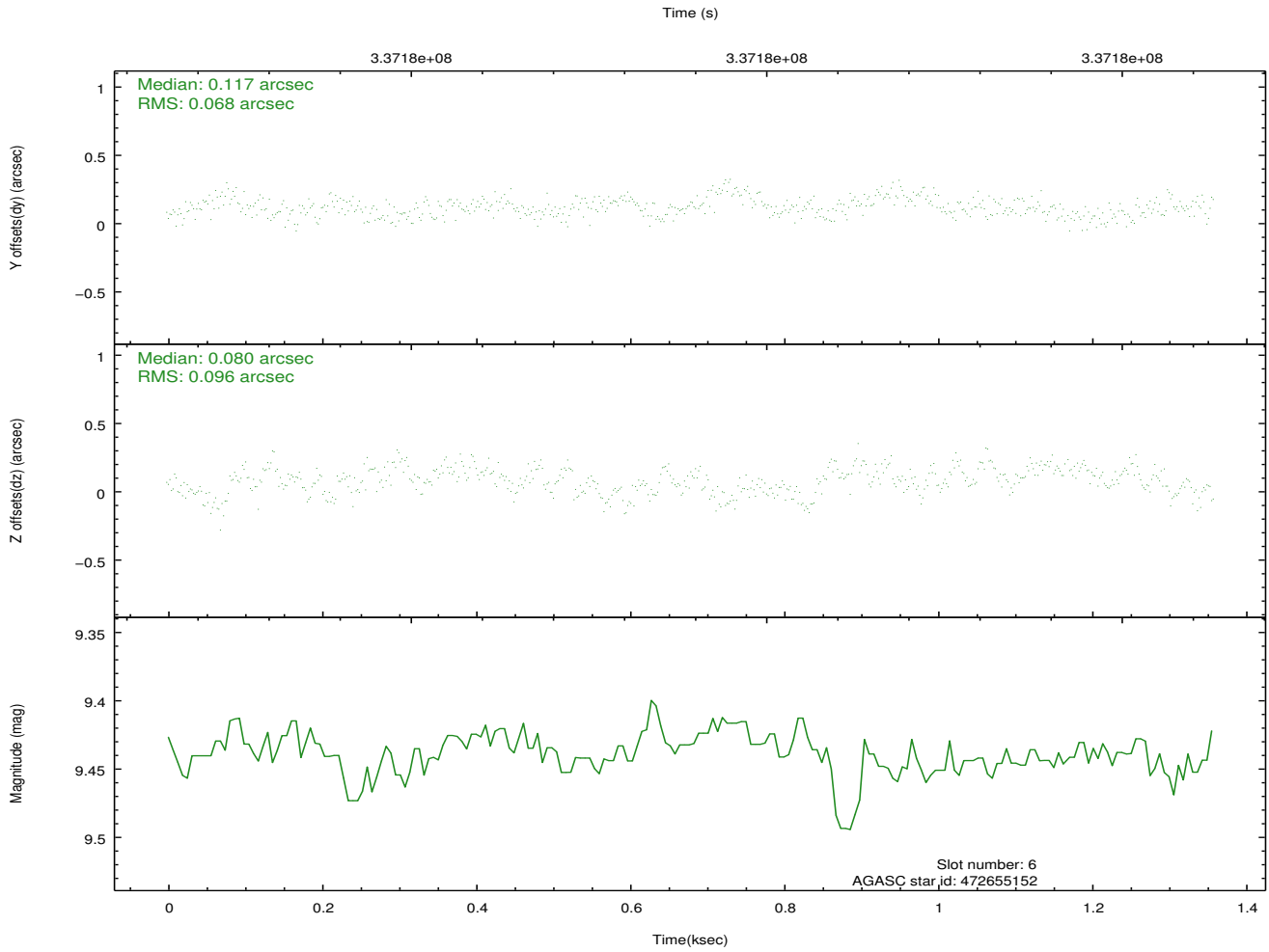
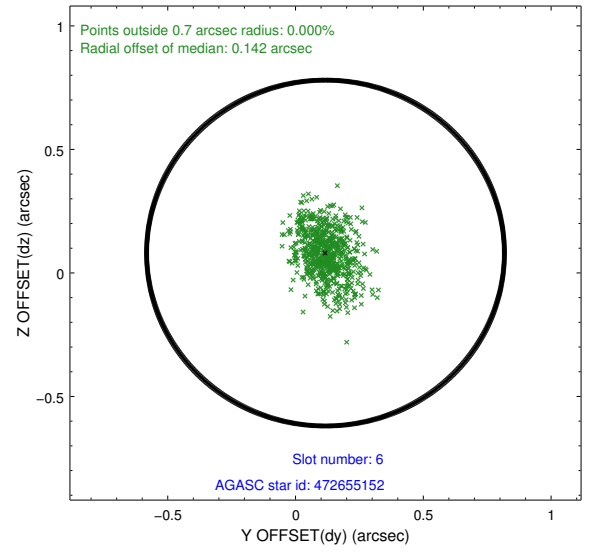
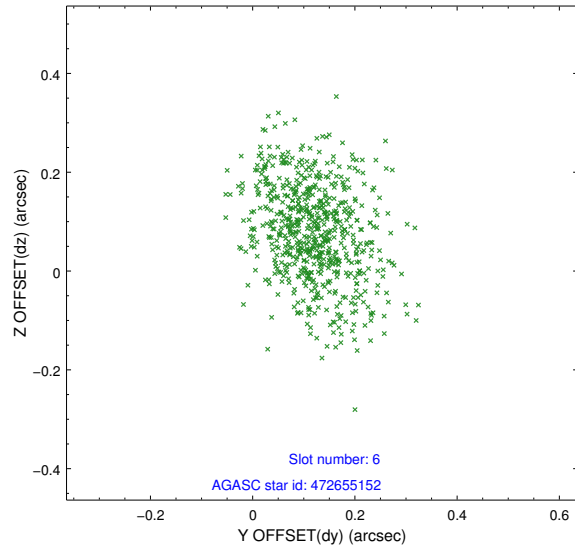
Time (s)



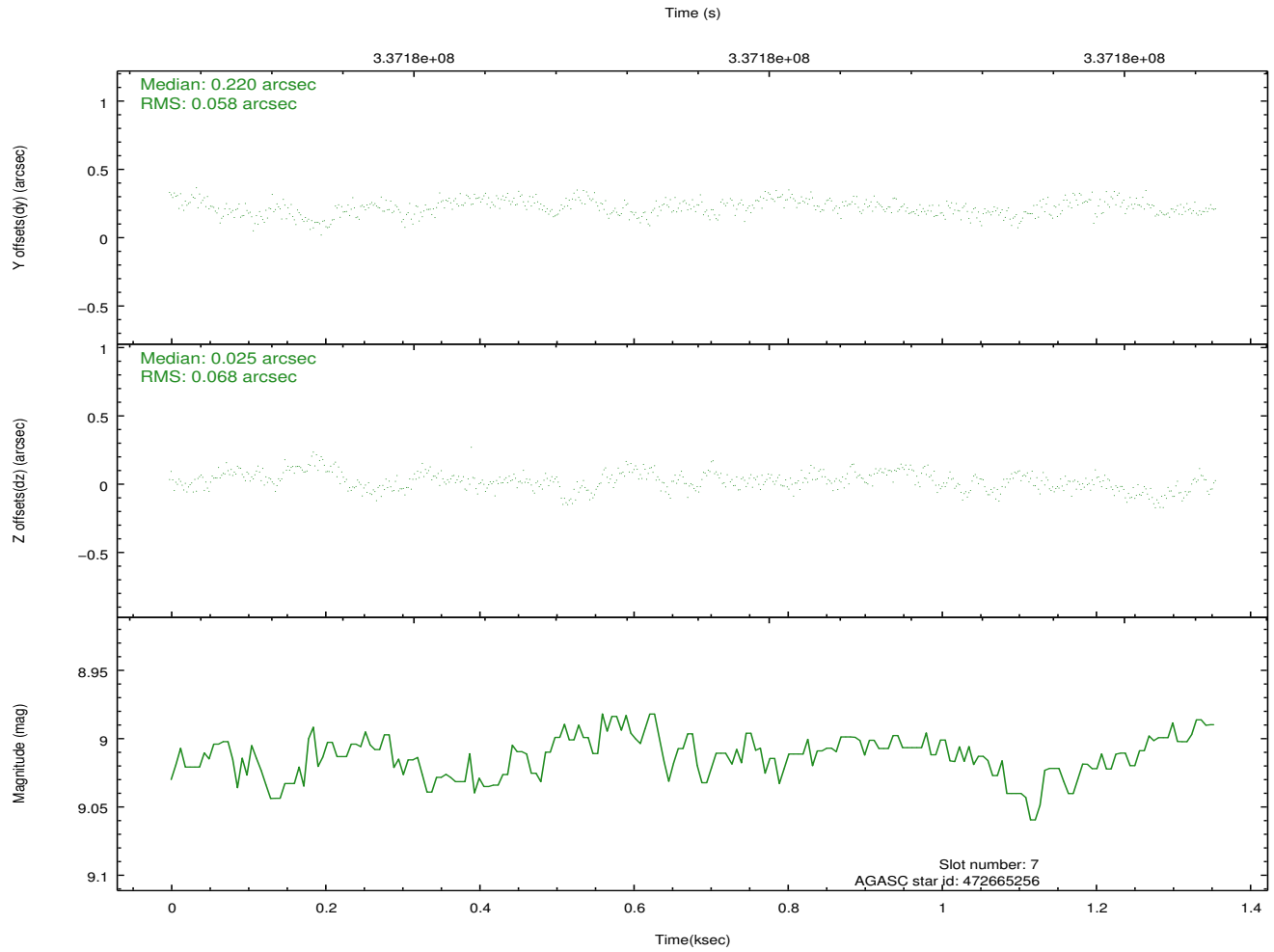
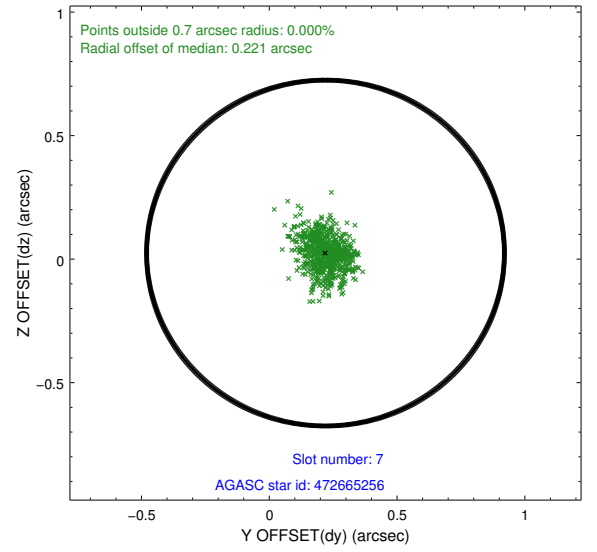
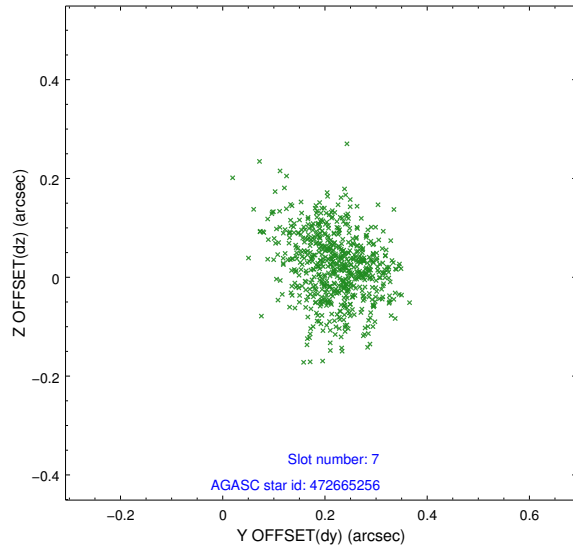
2.4.3 Slot 5



2.4.4 Slot 6

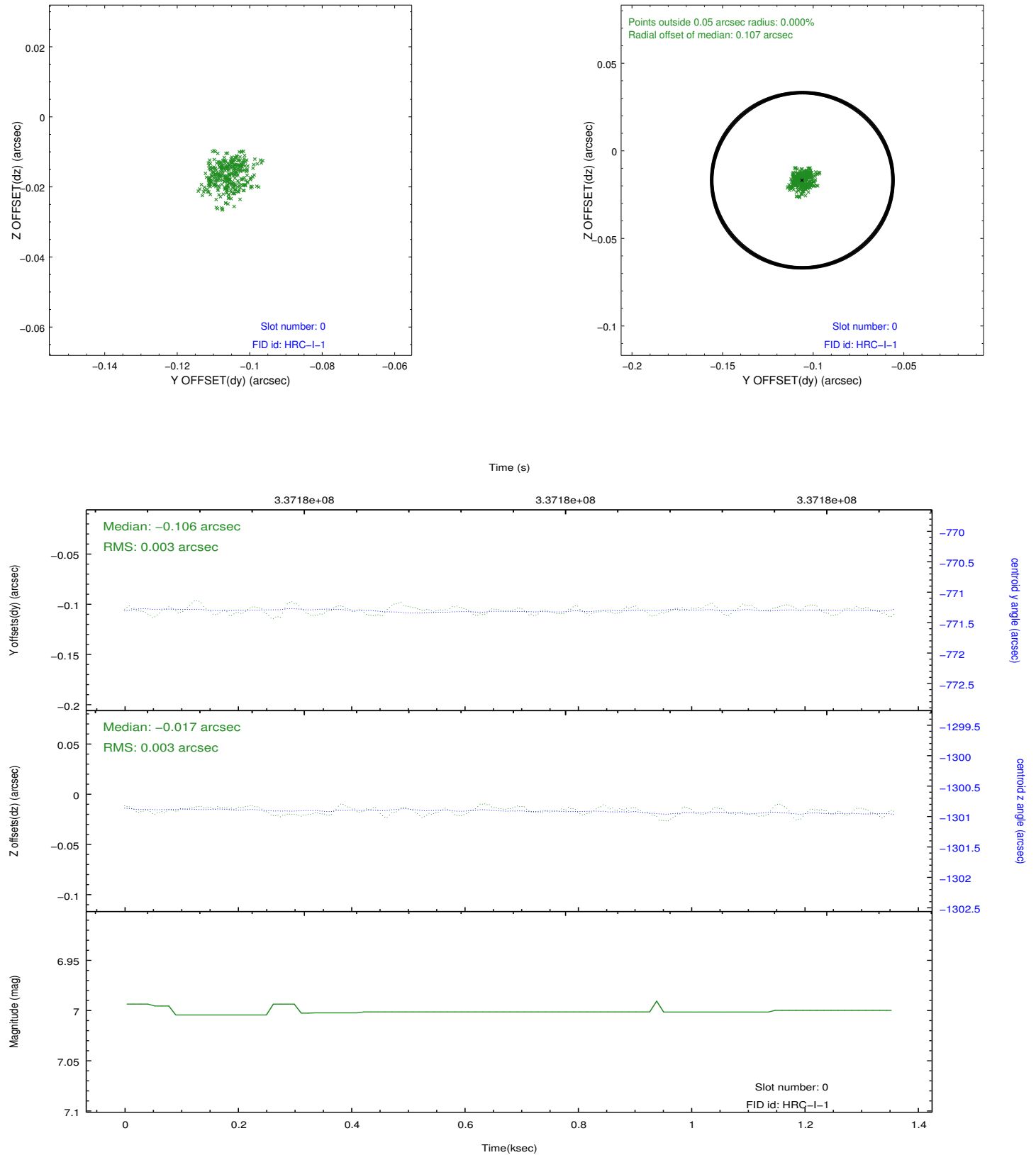


2.4.5 Slot 7

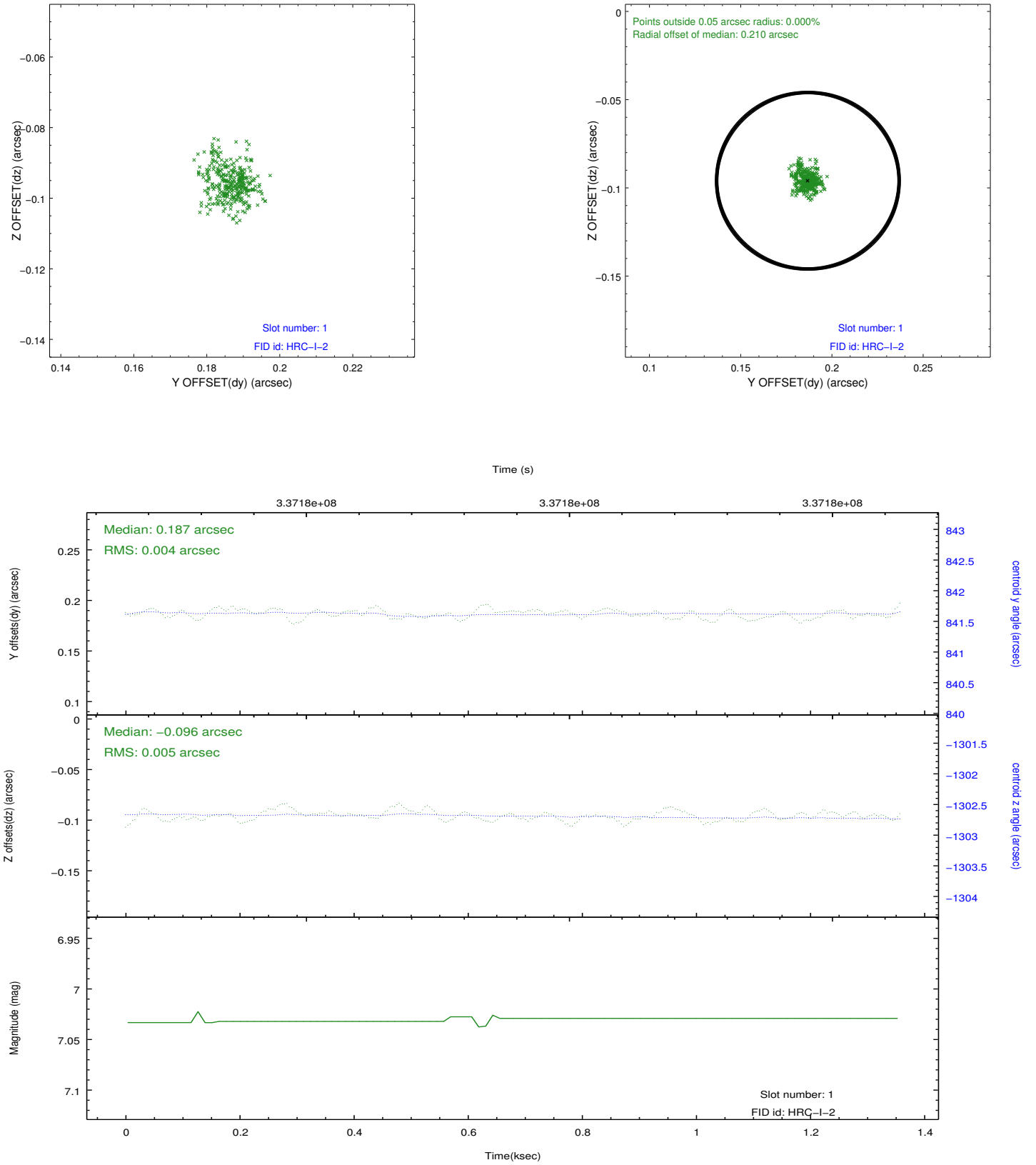


2.5 FID Slots

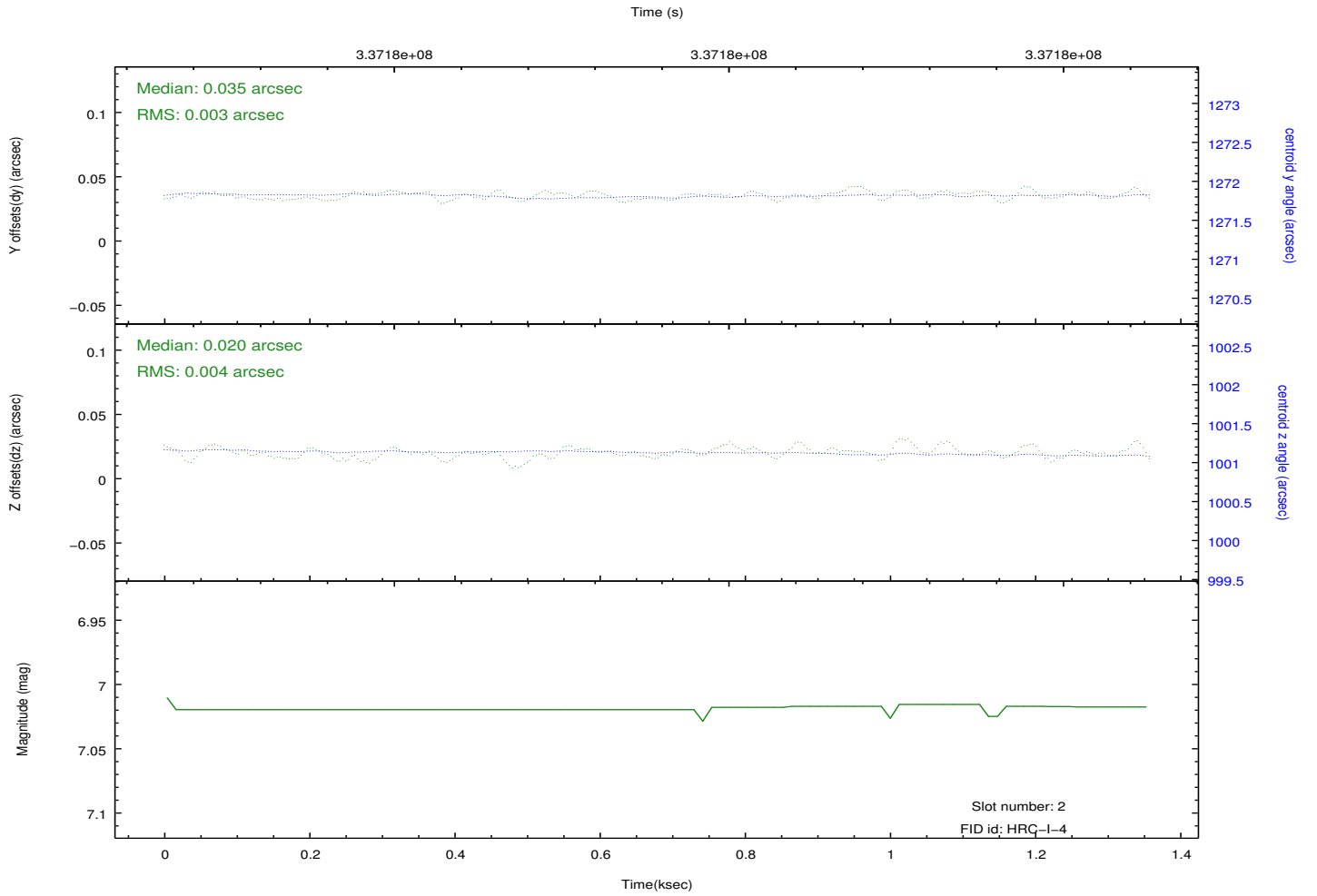
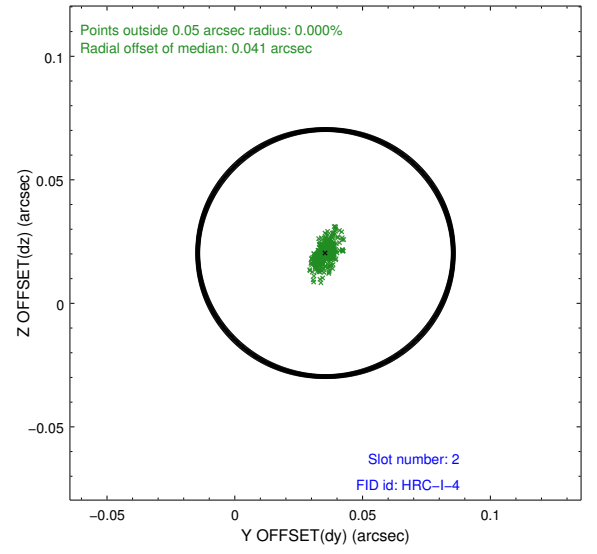
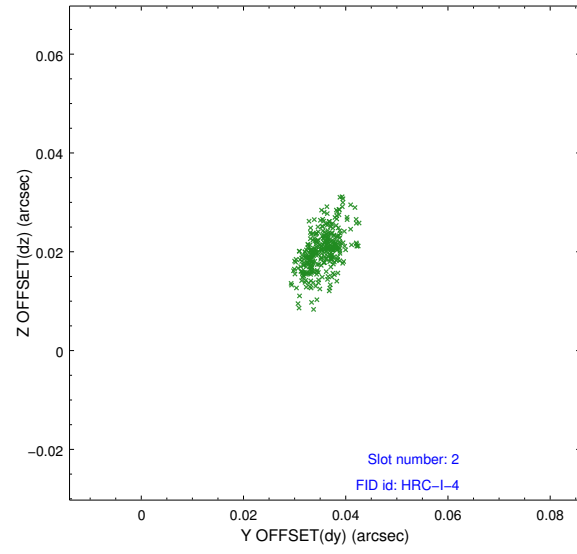
2.5.1 Slot 0



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)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.35812506

A.2 Comments