

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10597 - L2 Version 3
Chandra X-Ray Center

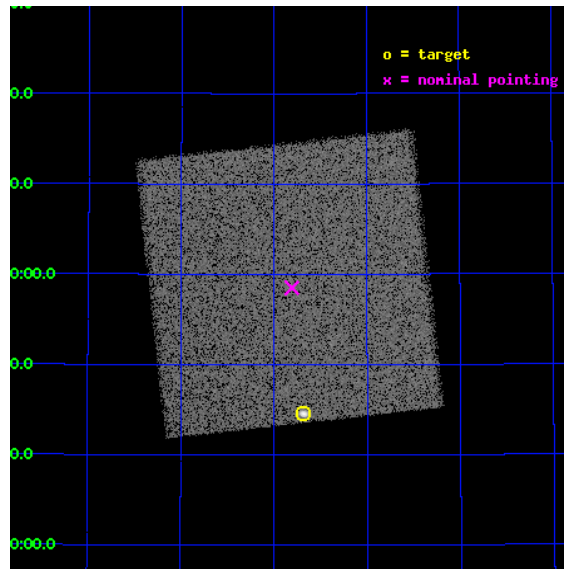
L2 Processing Date : Aug 13 2012

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1 Front

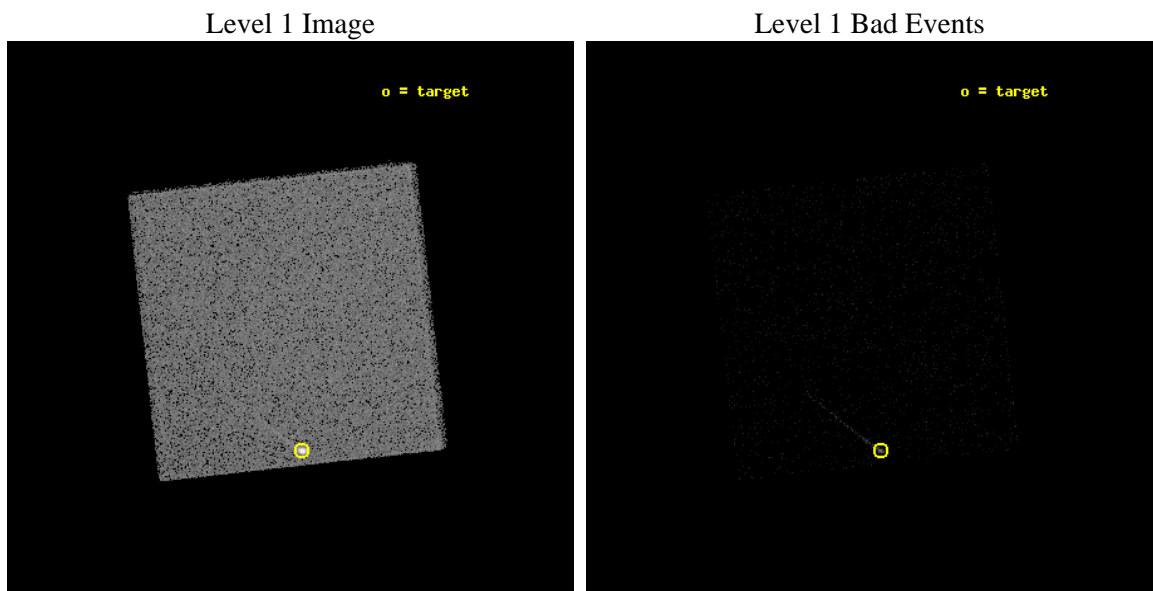
seq_num	290833	Sequence number
obs_id	10597	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2018622561	Nominal RA [deg]
dec_nom	45.975118912143	Nominal Dec [deg]
roll_nom	218.66789892858	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1188.2313097119	[s]
livetime	1173.4320081144	Ontime multiplied by DTCOR
l2events	94462	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1188.2313097119	[s]
caldbver	4.5.1.1	 	l1events	172029	Number of level 1 events
date	2012-08-13T16:15:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

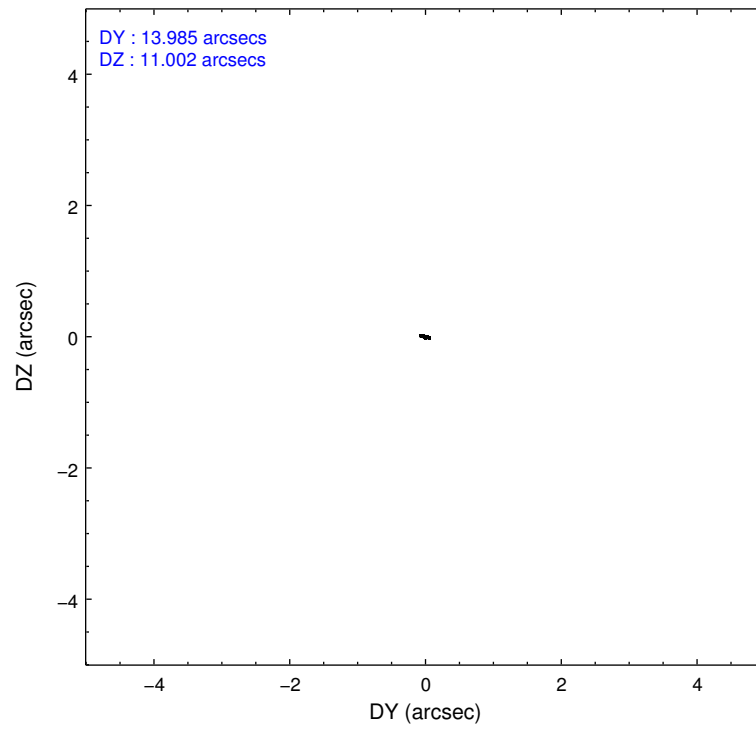
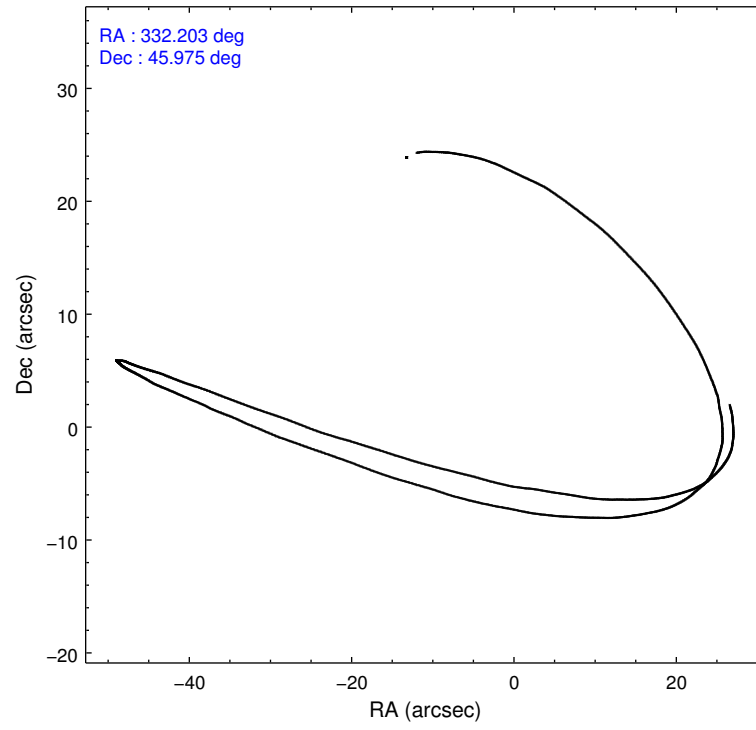
Level 1 Events

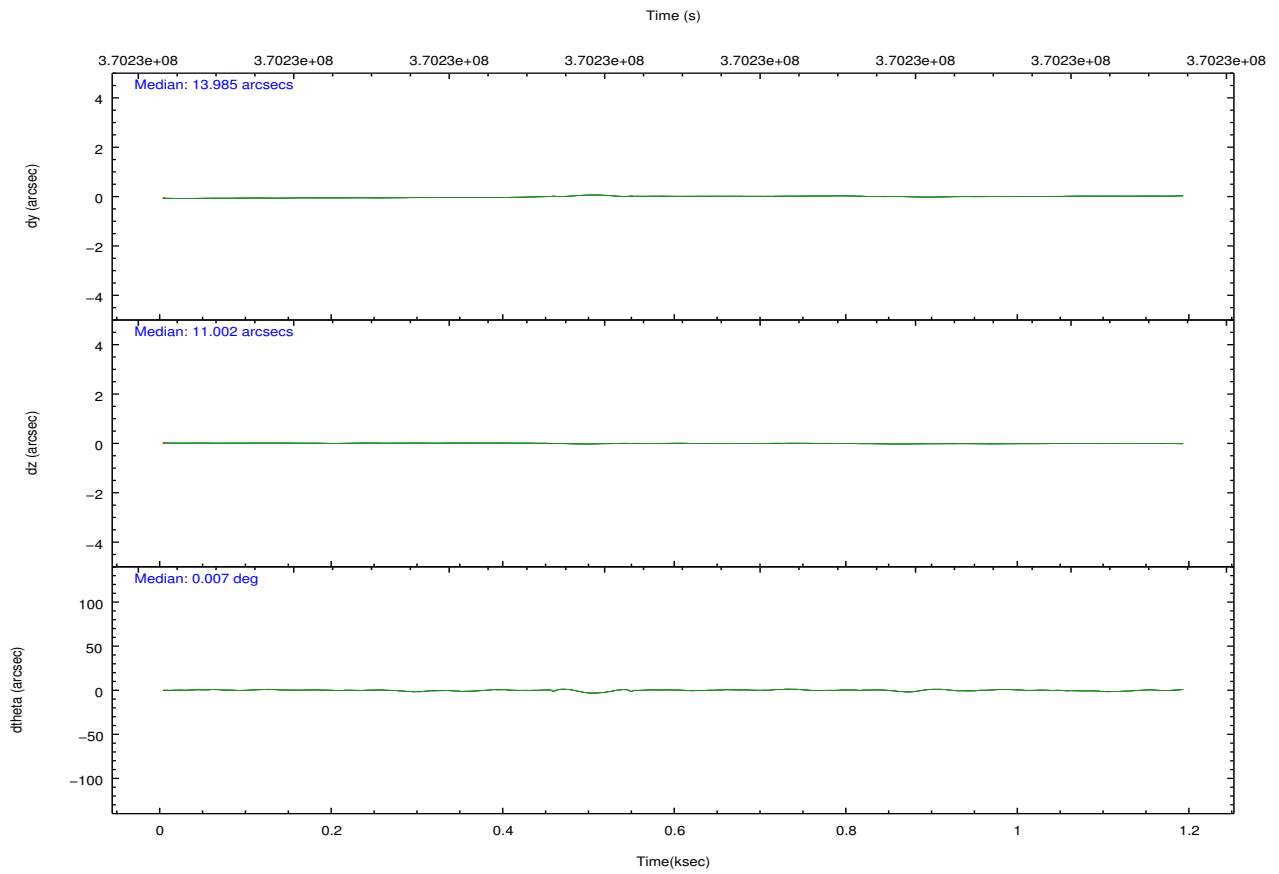
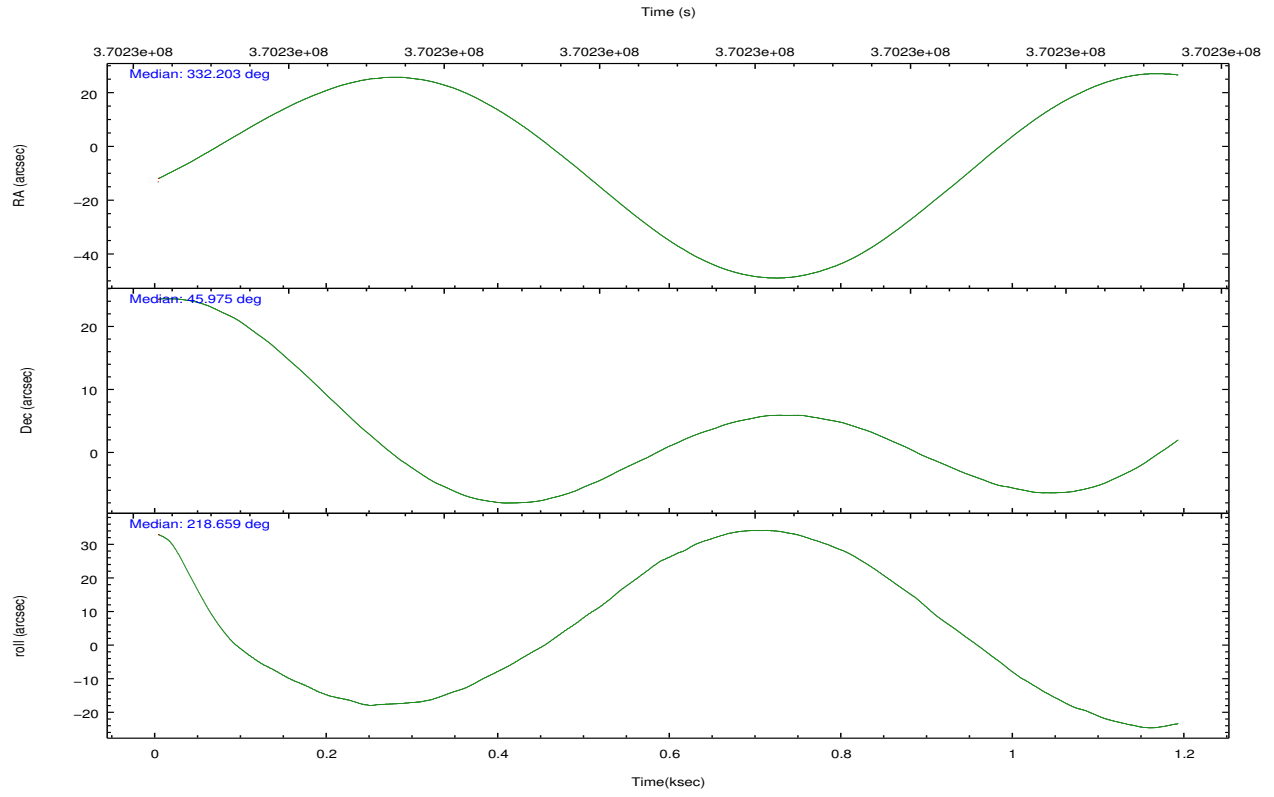
	segment 0
level 1 events	172029
rejected events	36477
rejected %	21%

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	332.214297	332.2018622560964			
[deg] Pointing Dec	46.000940	45.97511891214333			
[deg] Pointing Roll	218.754165	218.6678989285762			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	370227489.184000	370227113.16005			
Observation start date	2009-09-25T00:57:03	2009-09-25T00:51:53			
[s] Observation end time (MET)	370228489.184000	370228622.98512			
Observation end date	2009-09-25T01:13:43	2009-09-25T01:17:02			

2.3 Aspect



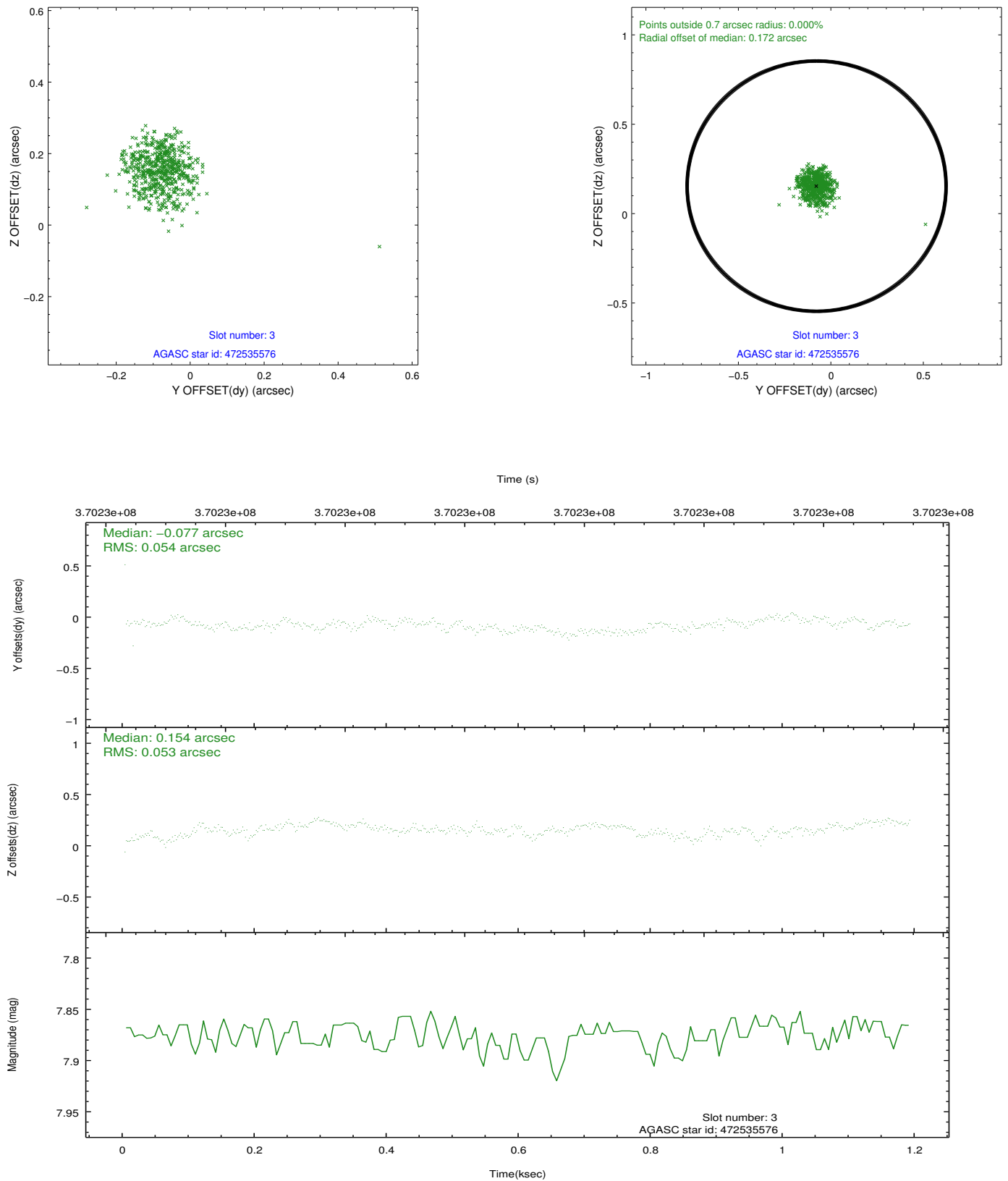


Slot Statistics

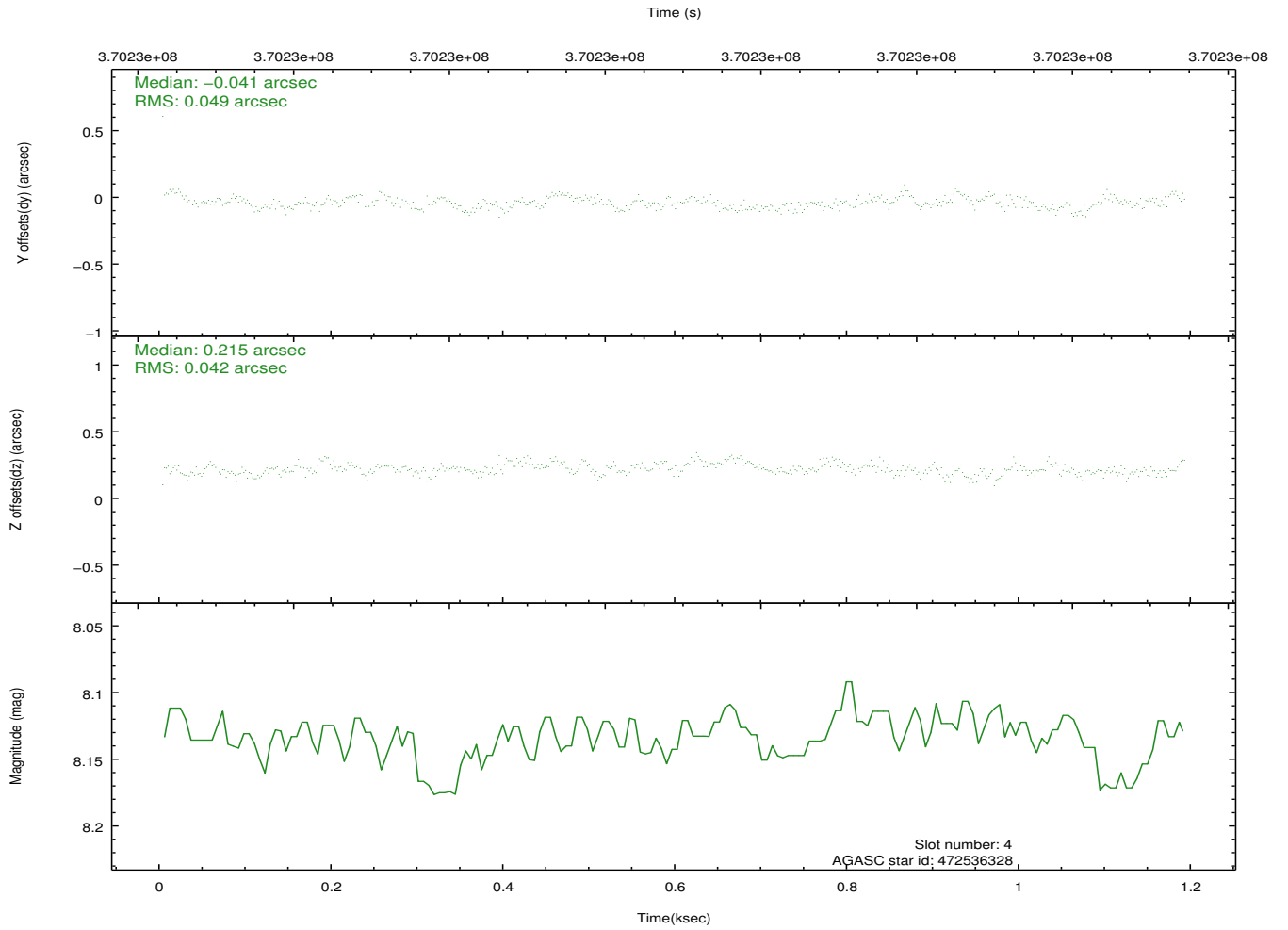
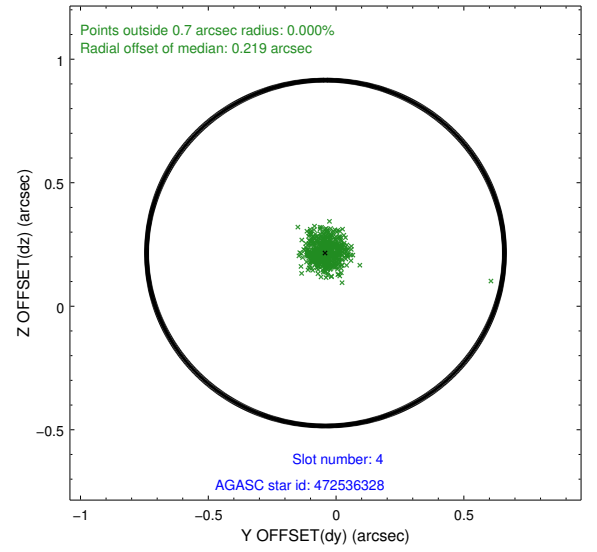
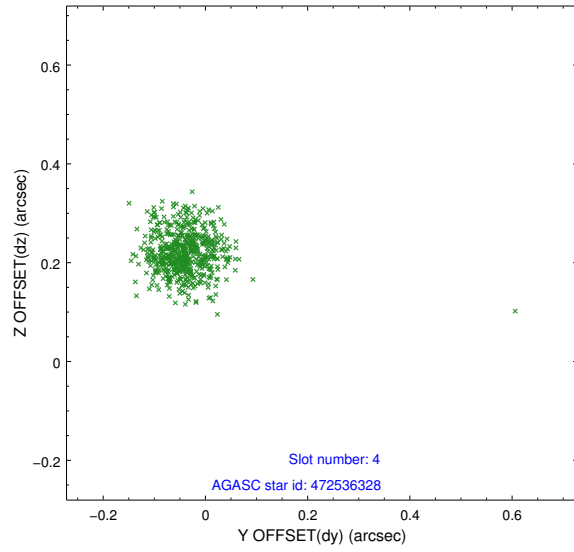
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	291	-0.088	-0.007	0.009	0.013	0.000000	0.000000	-769.80	-1298.95
1	FID	HRC-I-2	7.02	291	0.234	-0.110	0.007	0.012	0.000000	0.000000	840.50	-1305.04
2	FID	HRC-I-3	7.07	290	-0.027	0.028	0.006	0.011	0.000000	0.000000	-1195.39	1001.14
3	GUIDE	472535576	7.88	581	-0.077	0.154	0.078	0.115	331.438373	46.291802	845.68	-2033.85
4	GUIDE	472536328	8.13	581	-0.041	0.215	0.063	0.101	331.496671	46.454831	363.46	-2399.86
5	GUIDE	472651904	6.11	581	-0.106	-0.218	0.083	0.140	332.170077	45.742257	671.74	649.75
6	GUIDE	472655152	9.42	579	0.114	-0.003	0.127	0.220	332.504239	45.862991	-253.91	840.42
7	GUIDE	472665256	9.01	580	0.117	-0.172	0.088	0.148	332.808125	46.195041	-1593.62	376.21

2.4 Star Slots

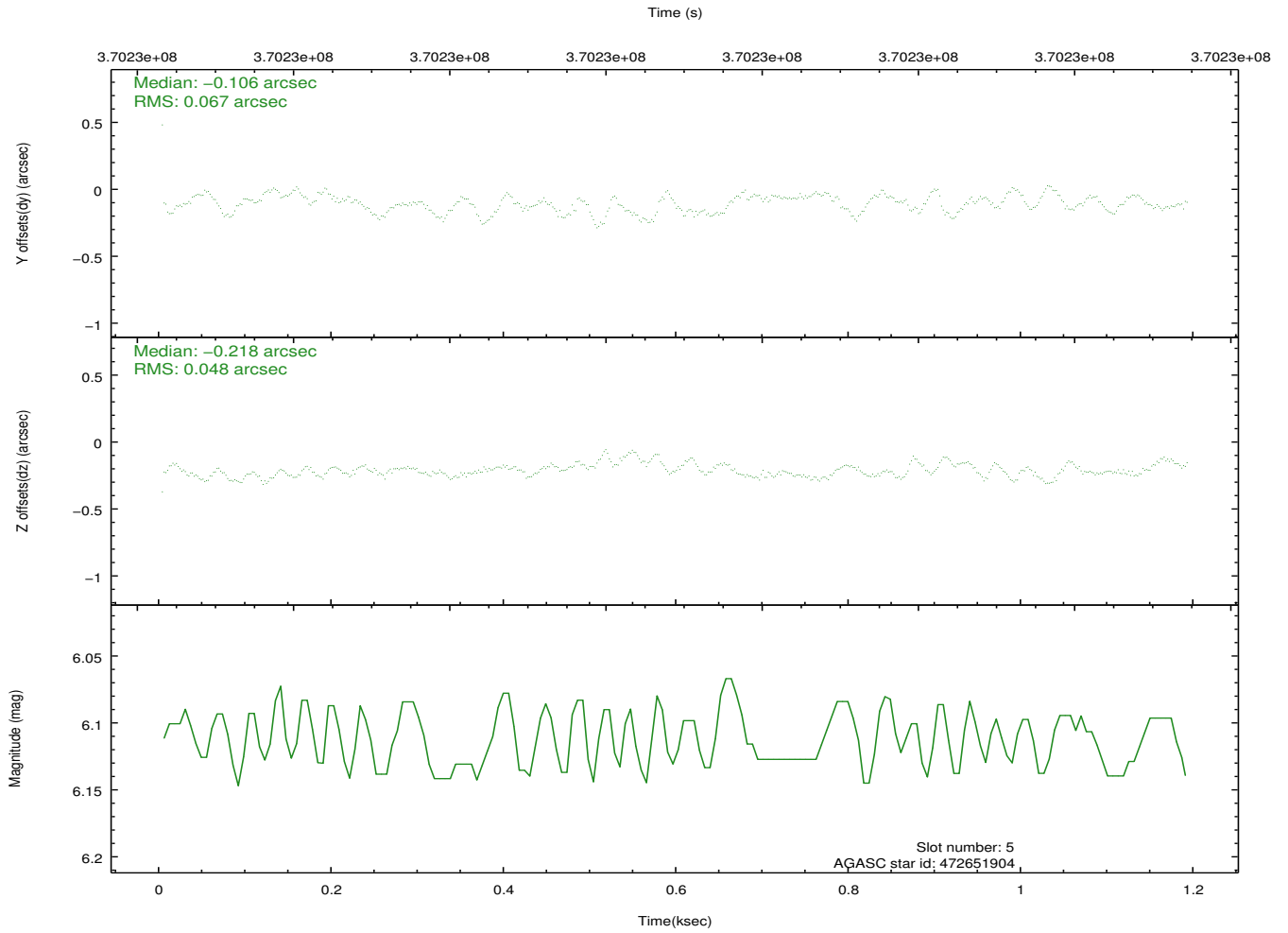
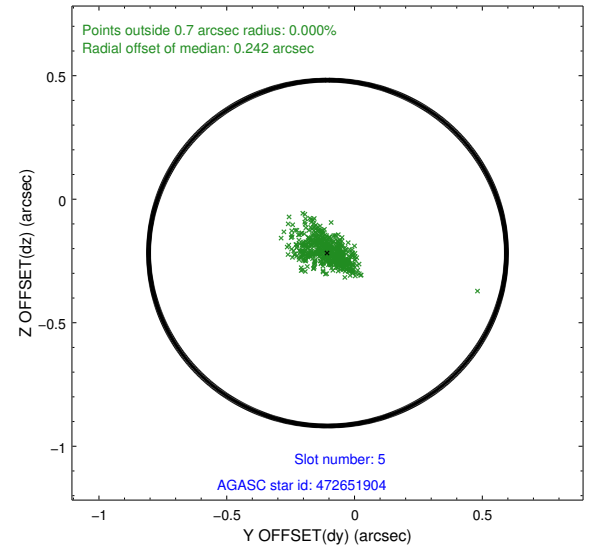
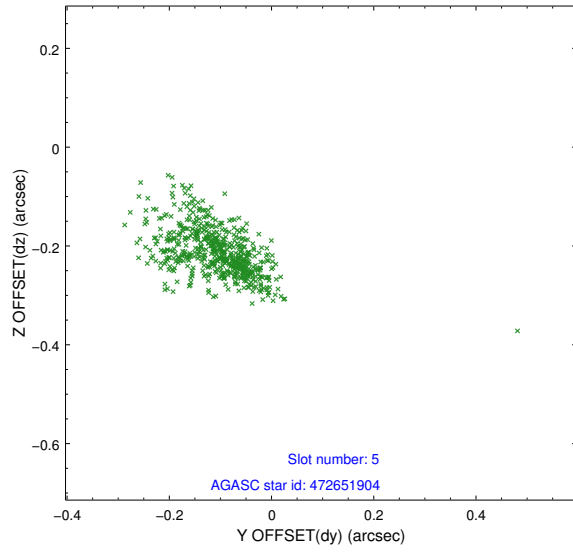
2.4.1 Slot 3



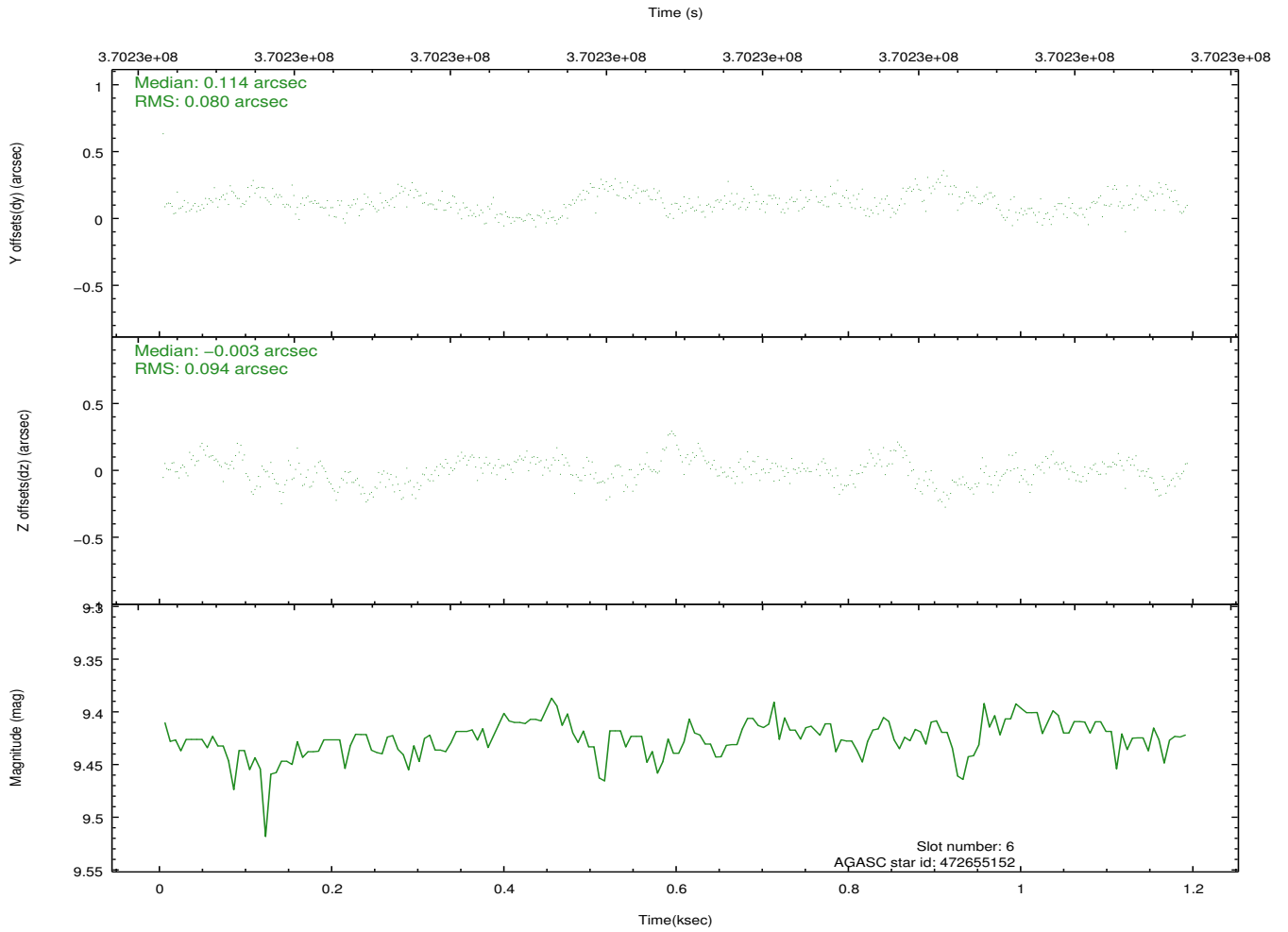
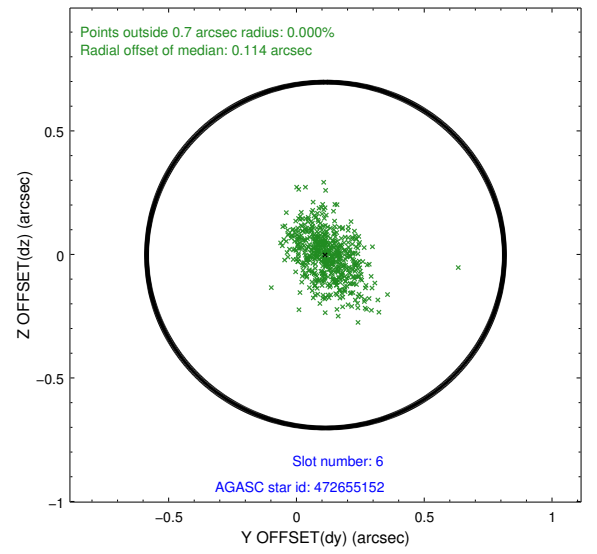
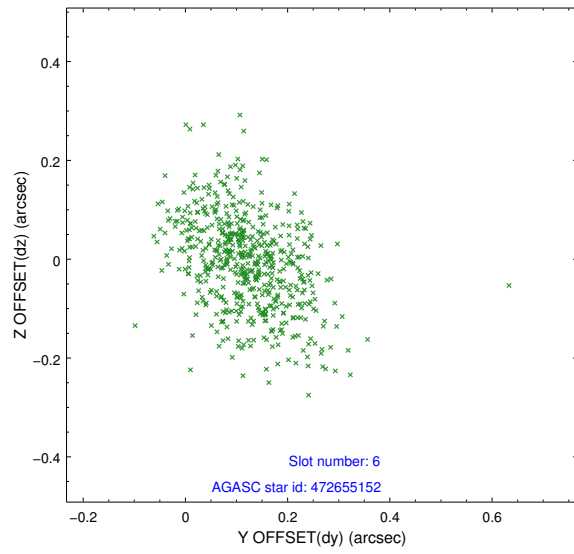
2.4.2 Slot 4



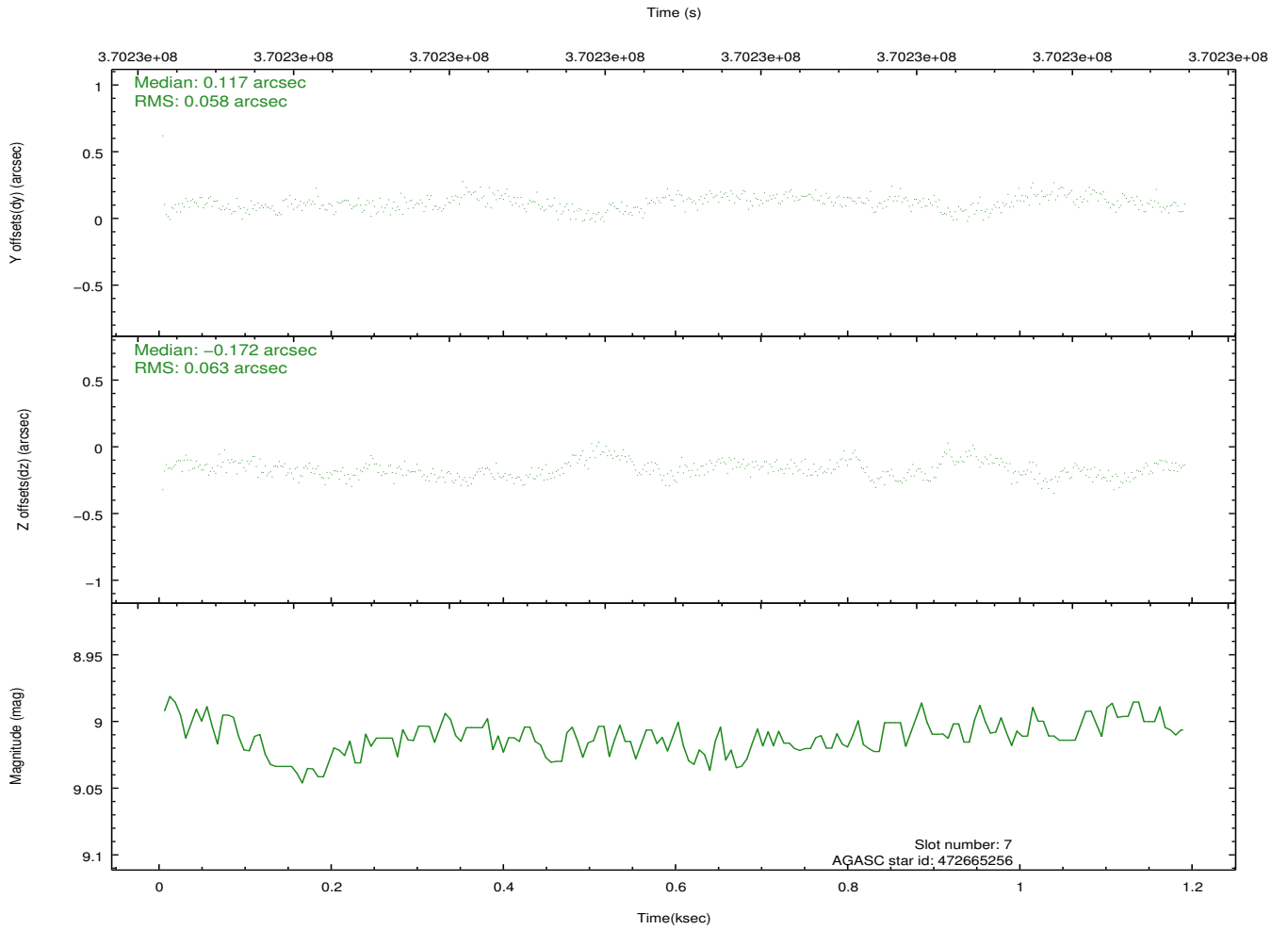
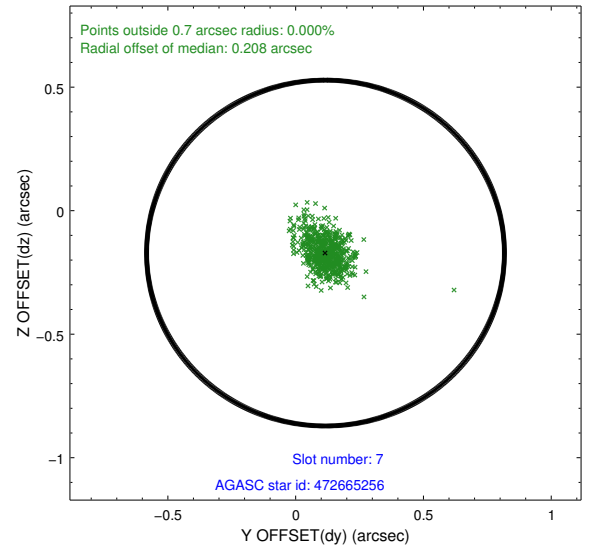
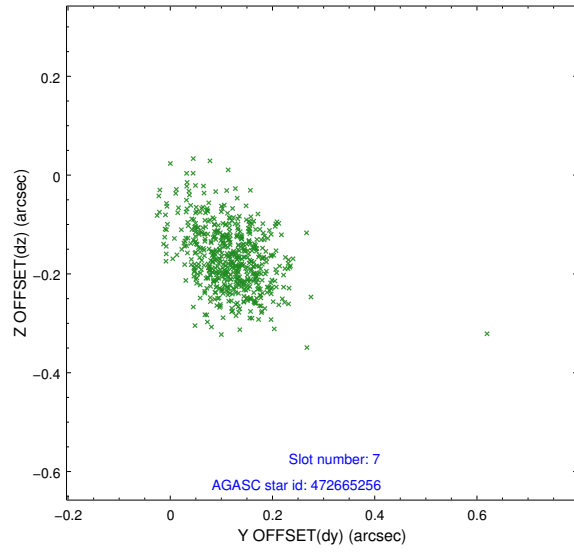
2.4.3 Slot 5



2.4.4 Slot 6

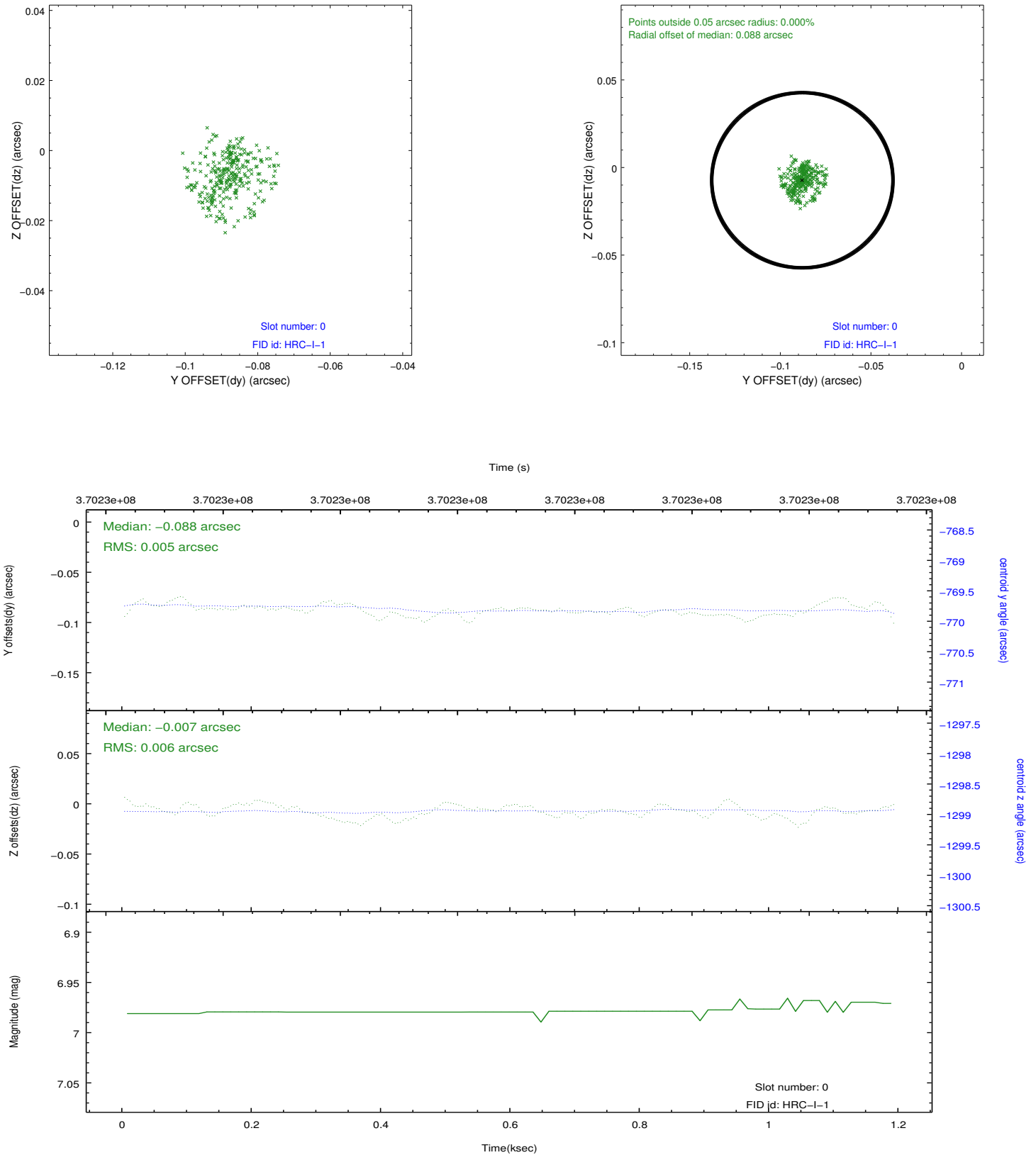


2.4.5 Slot 7

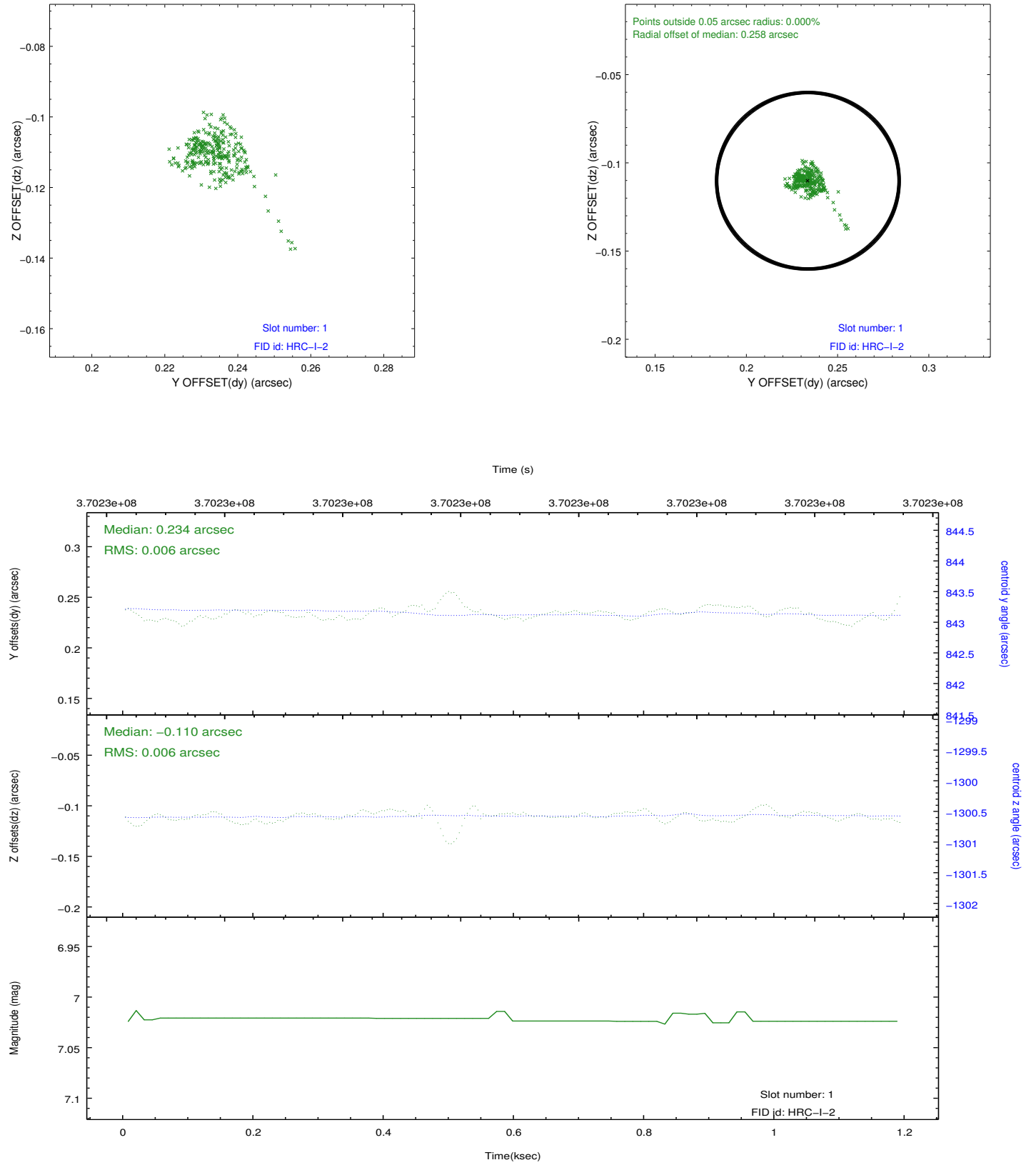


2.5 FID Slots

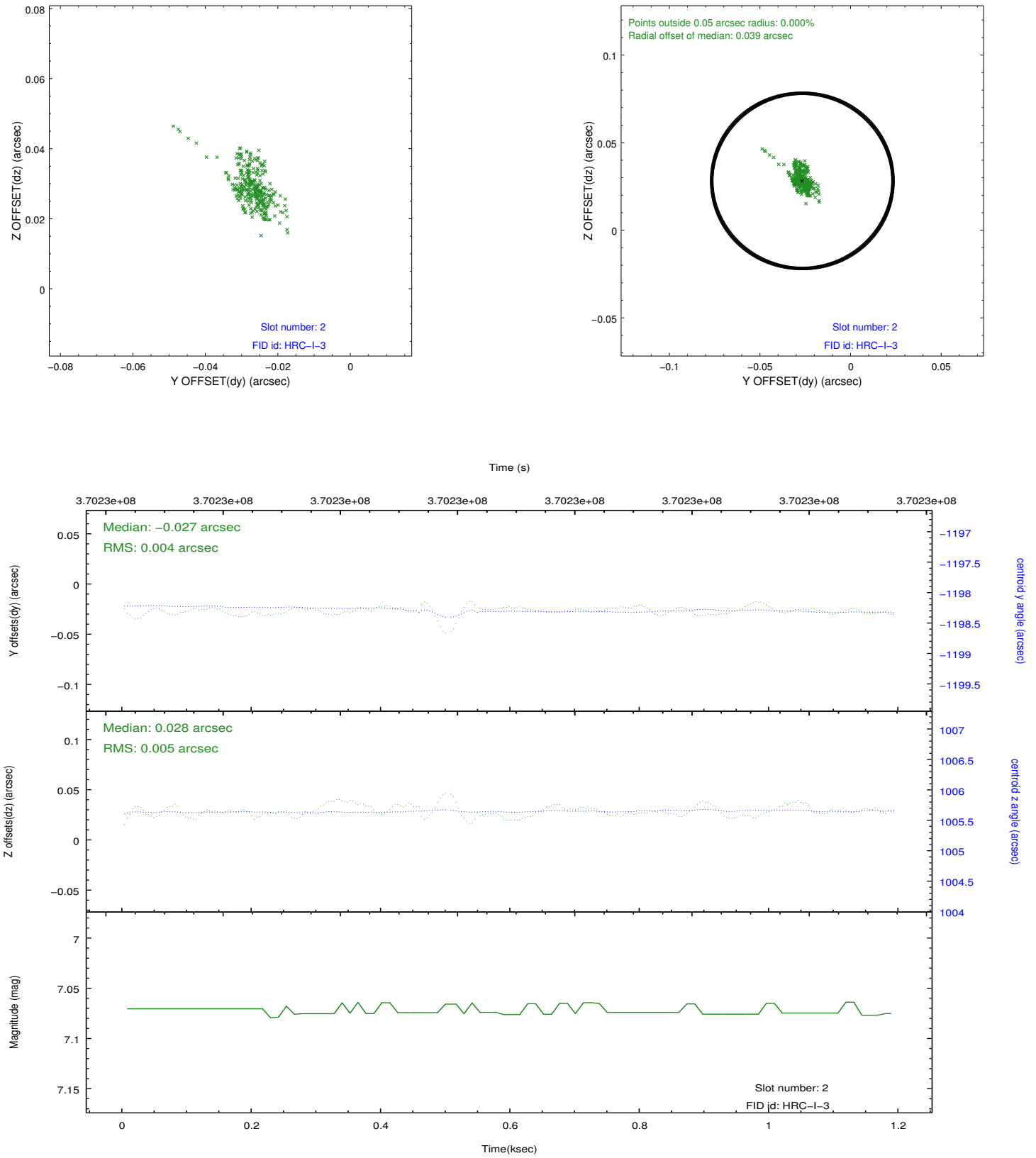
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1882313096523

A.2 Comments