

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5986 - L2 Version 4
Chandra X-Ray Center

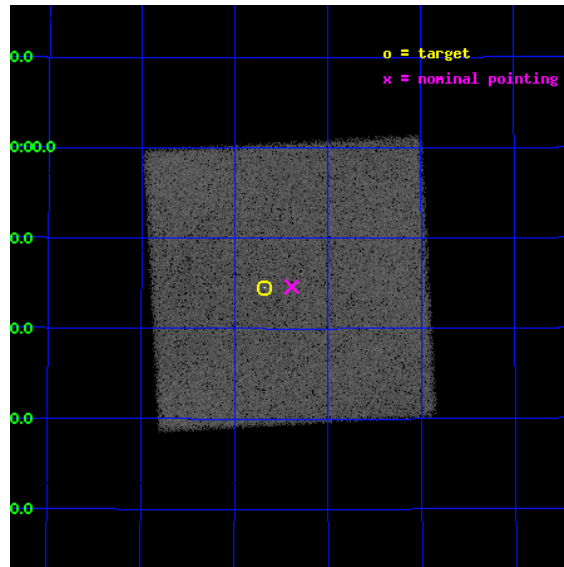
L2 Processing Date : Dec 29 2012

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1 Front

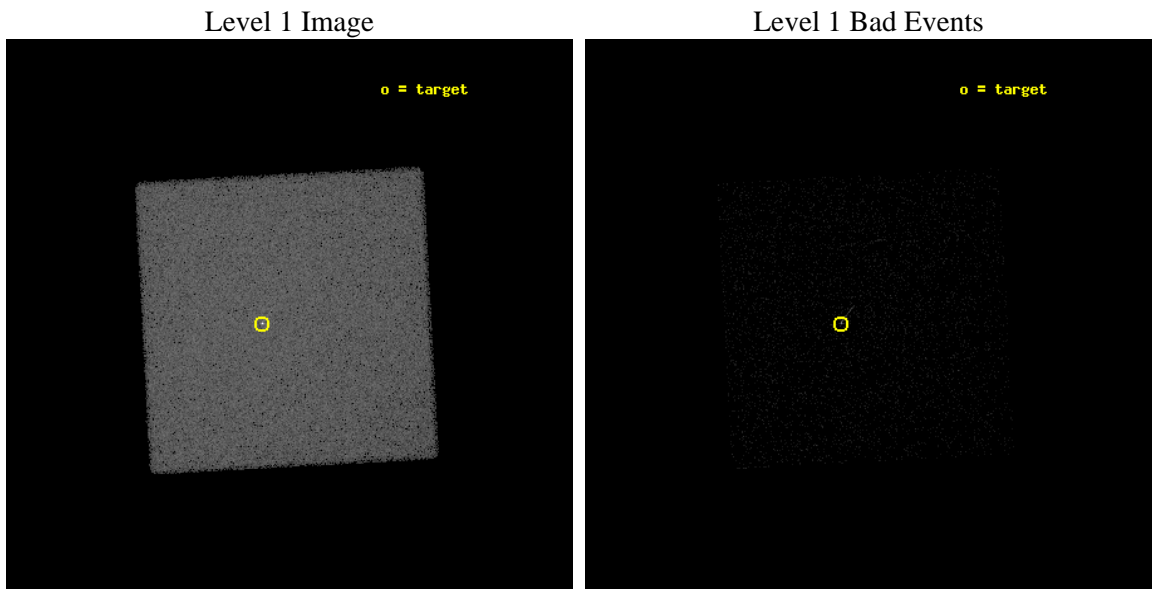
seq_num	290478	Sequence number
obs_id	5986	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09666173315	Nominal RA [deg]
dec_nom	45.744083409247	Nominal Dec [deg]
roll_nom	221.90494780476	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1188.2313046753	[s]
livetime	330.13177619309	Ontime multiplied by DTCOR
l2events	167169	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	8.5.1.1	Processing system revision	ontime	1188.2313046753	[s]
caldbver	4.5.5	 	l1events	278208	Number of level 1 events
date	2012-12-29T12:58:40	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

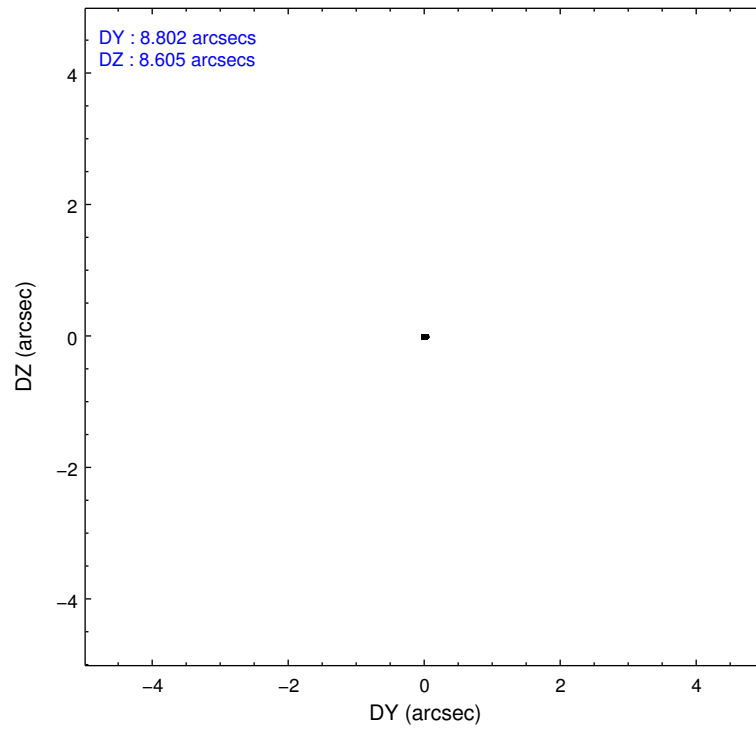
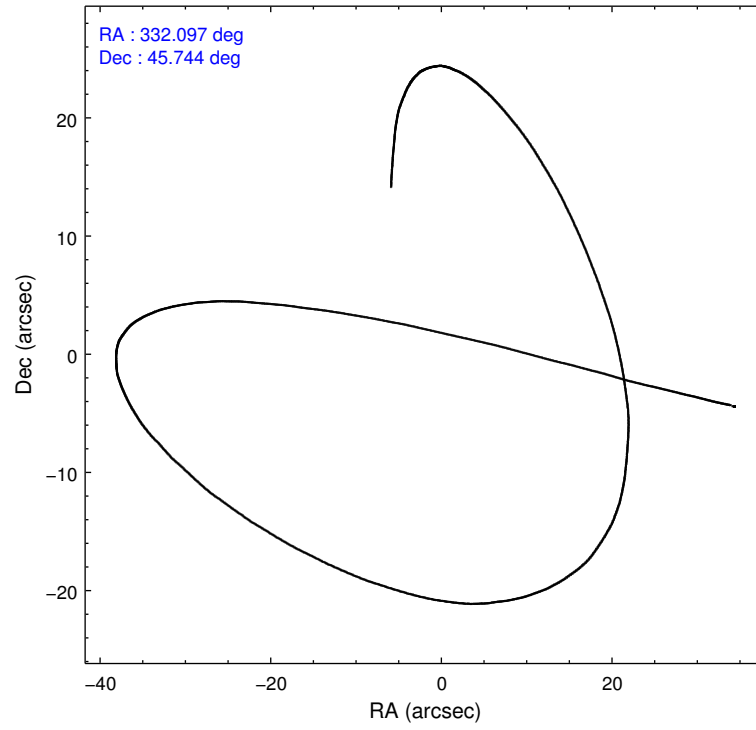
Level 1 Events

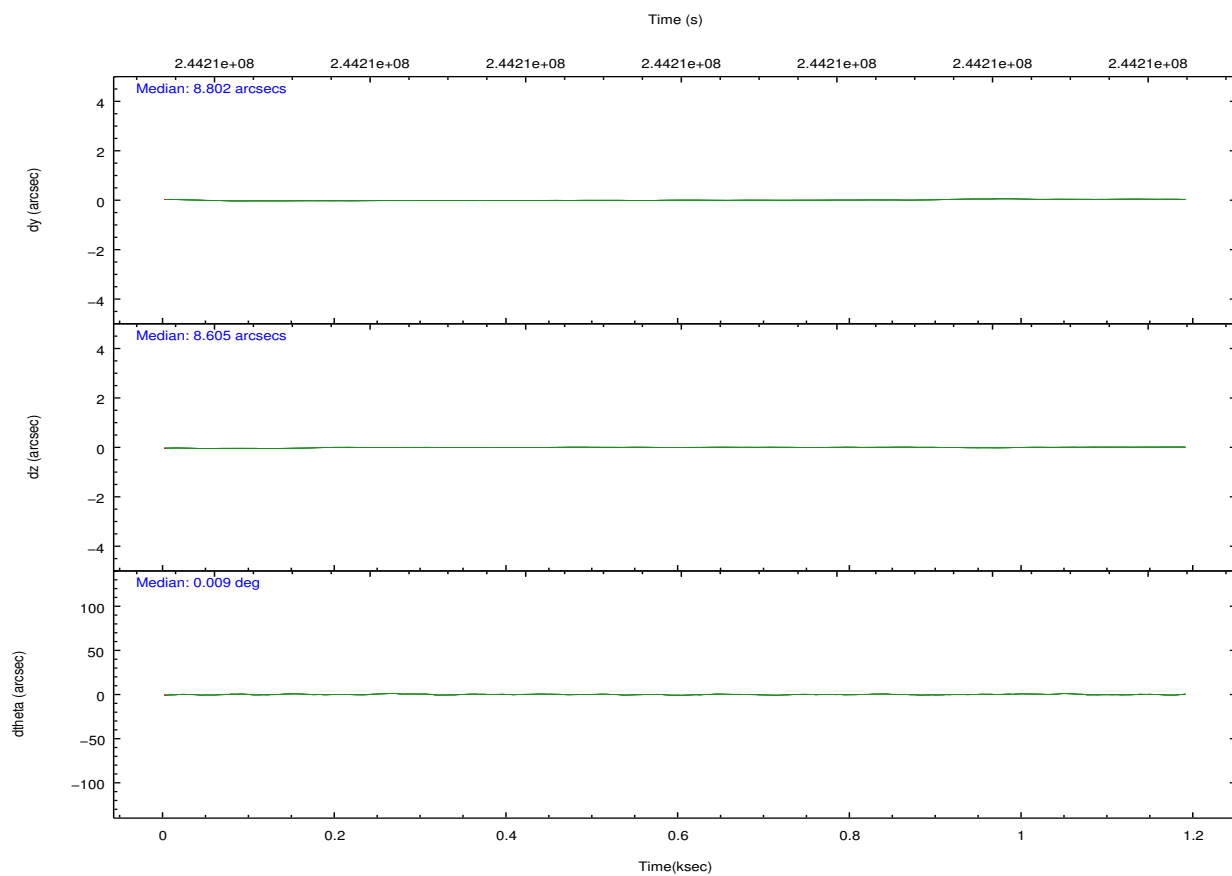
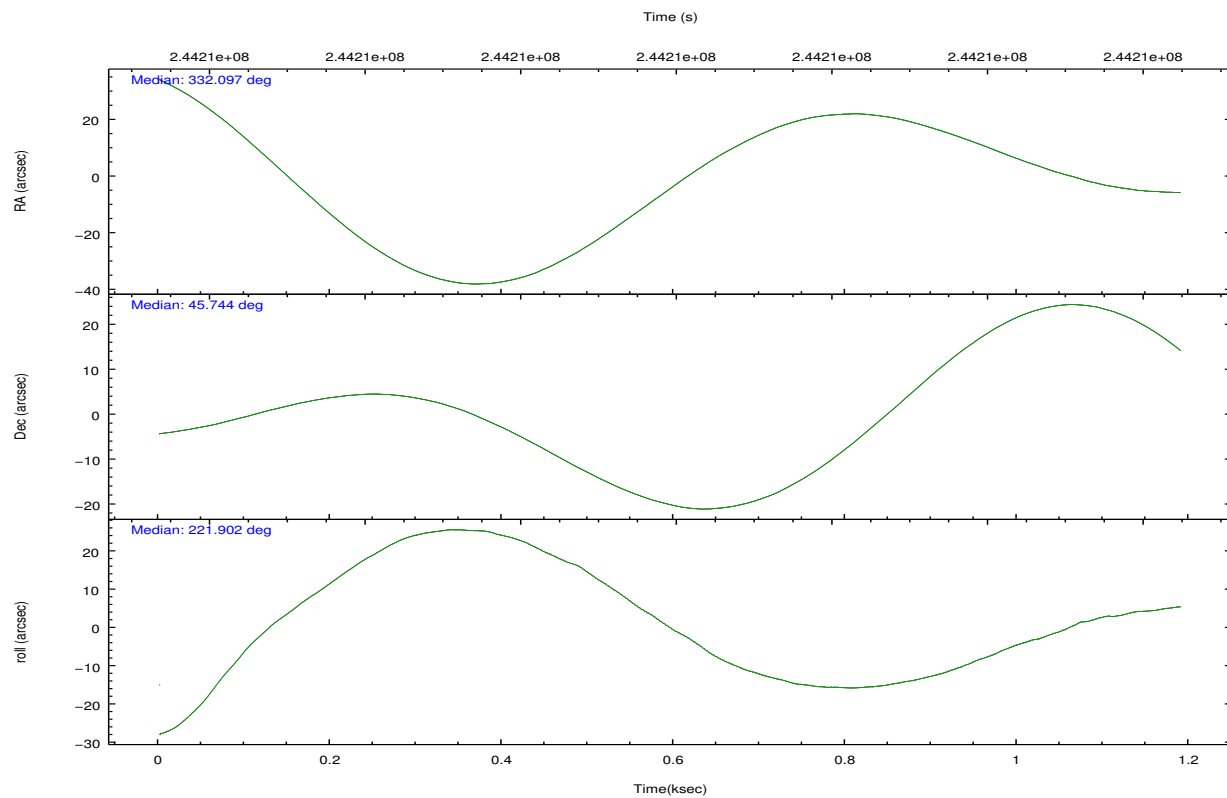
	segment 0
level 1 events	278208
rejected events	59112
rejected %	21%

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	332.108116	332.0966617331536			
[deg] Pointing Dec	45.769379	45.74408340924656			
[deg] Pointing Roll	221.992266	221.9049478047565			
[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)	244209792.184000	244209416.09757			
Observation start date	2005-09-27T12:02:08	2005-09-27T11:56:56			
[s] Observation end time (MET)	244210792.184000	244210926.43514			
Observation end date	2005-09-27T12:18:48	2005-09-27T12:22:06			

2.3 Aspect



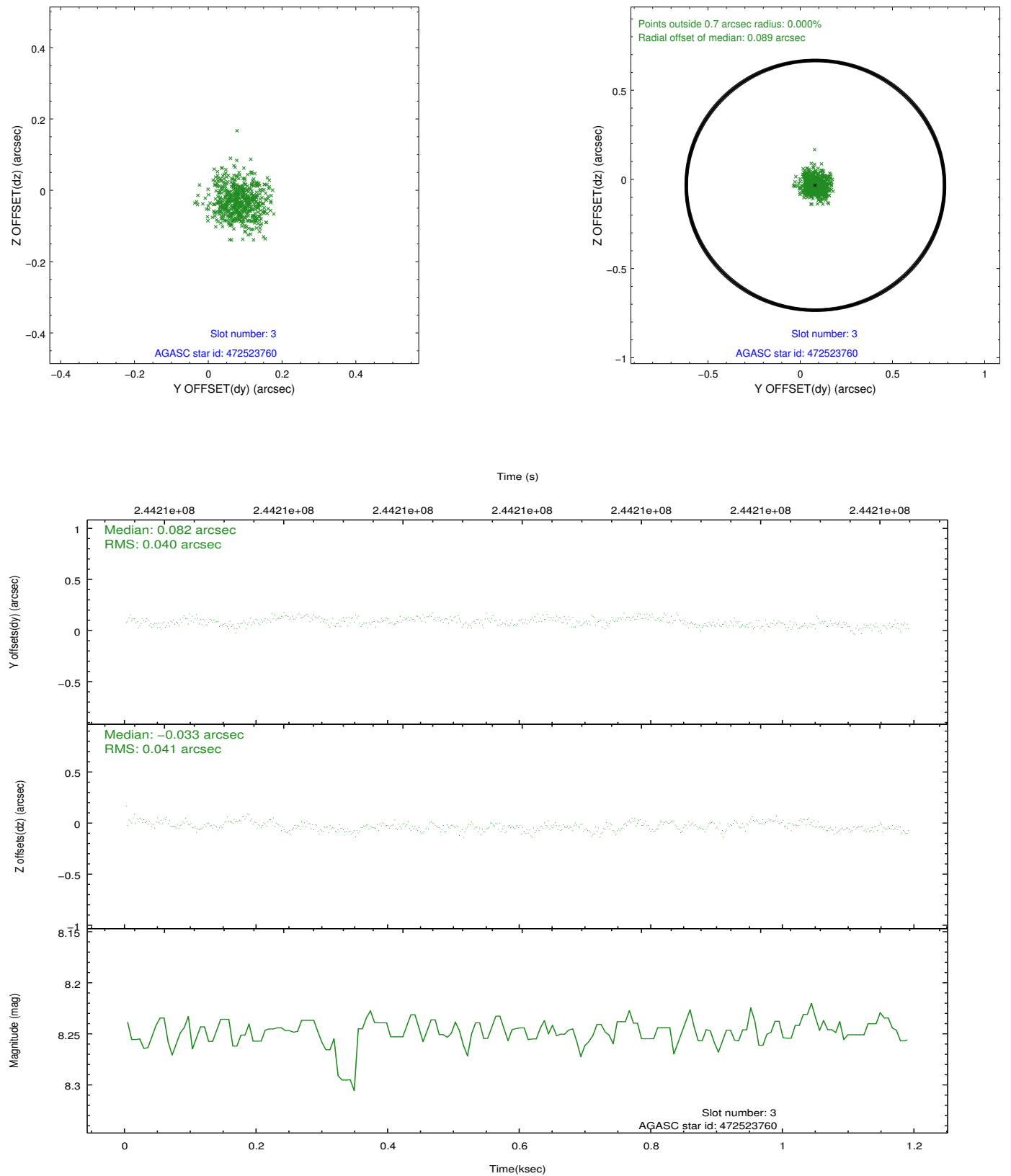


Slot Statistics

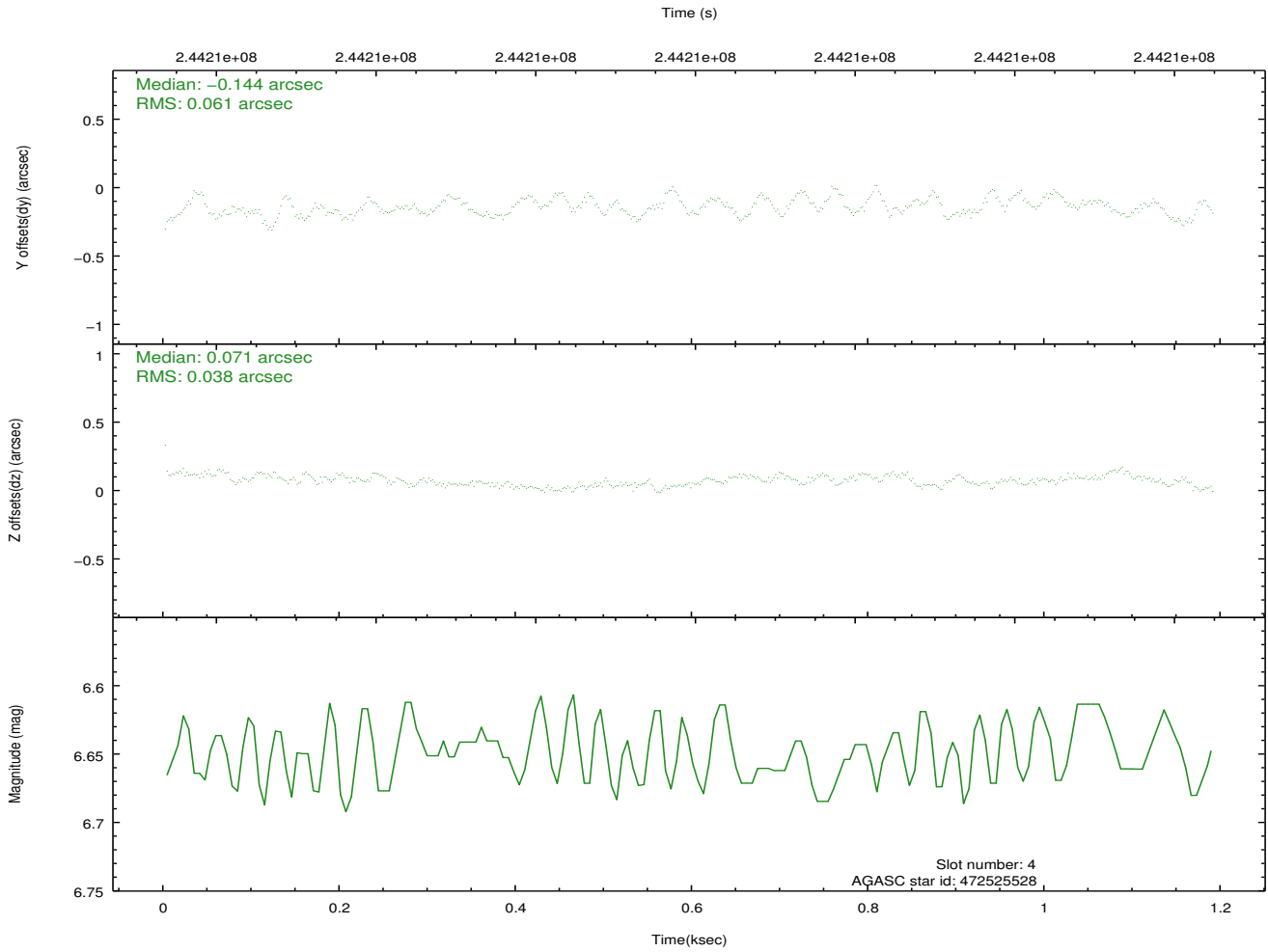
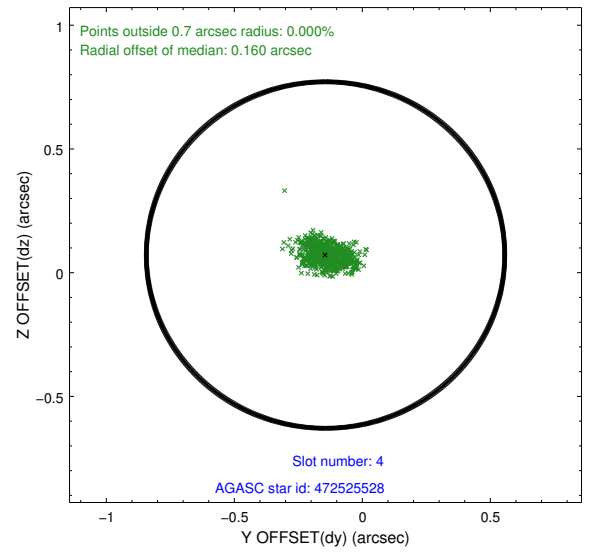
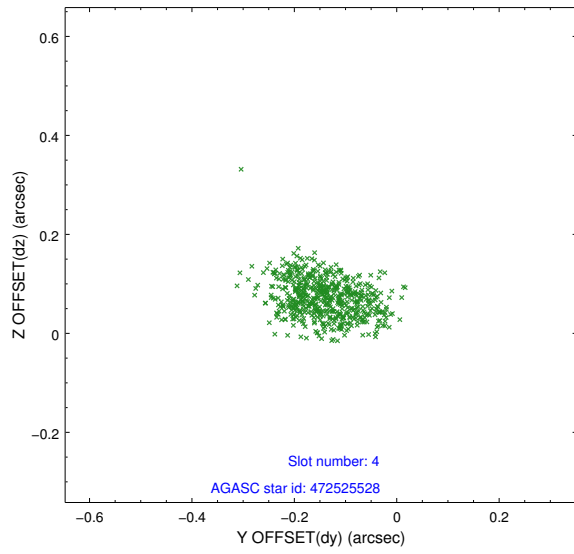
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	291	-0.016	0.060	0.006	0.011	0.000000	0.000000	-764.47	-1296.43
1	FID	HRC-I-2	7.02	291	0.163	-0.126	0.005	0.009	0.000000	0.000000	845.72	-1302.65
2	FID	HRC-I-3	7.07	291	-0.028	-0.023	0.006	0.010	0.000000	0.000000	-1190.04	1003.58
3	GUIDE	472523760	8.25	581	0.082	-0.033	0.062	0.097	331.645363	45.403260	1750.45	196.95
4	GUIDE	472525528	6.65	581	-0.144	0.071	0.075	0.124	331.551102	45.248694	2304.36	447.90
5	GUIDE	472533912	9.15	581	0.002	0.094	0.120	0.202	331.791136	46.368695	-853.80	-2128.35
6	GUIDE	472651904	6.15	581	-0.023	-0.185	0.073	0.112	332.170077	45.742257	-50.45	174.76
7	GUIDE	472655152	9.43	580	0.074	0.058	0.113	0.190	332.504239	45.862991	-963.79	414.80

2.4 Star Slots

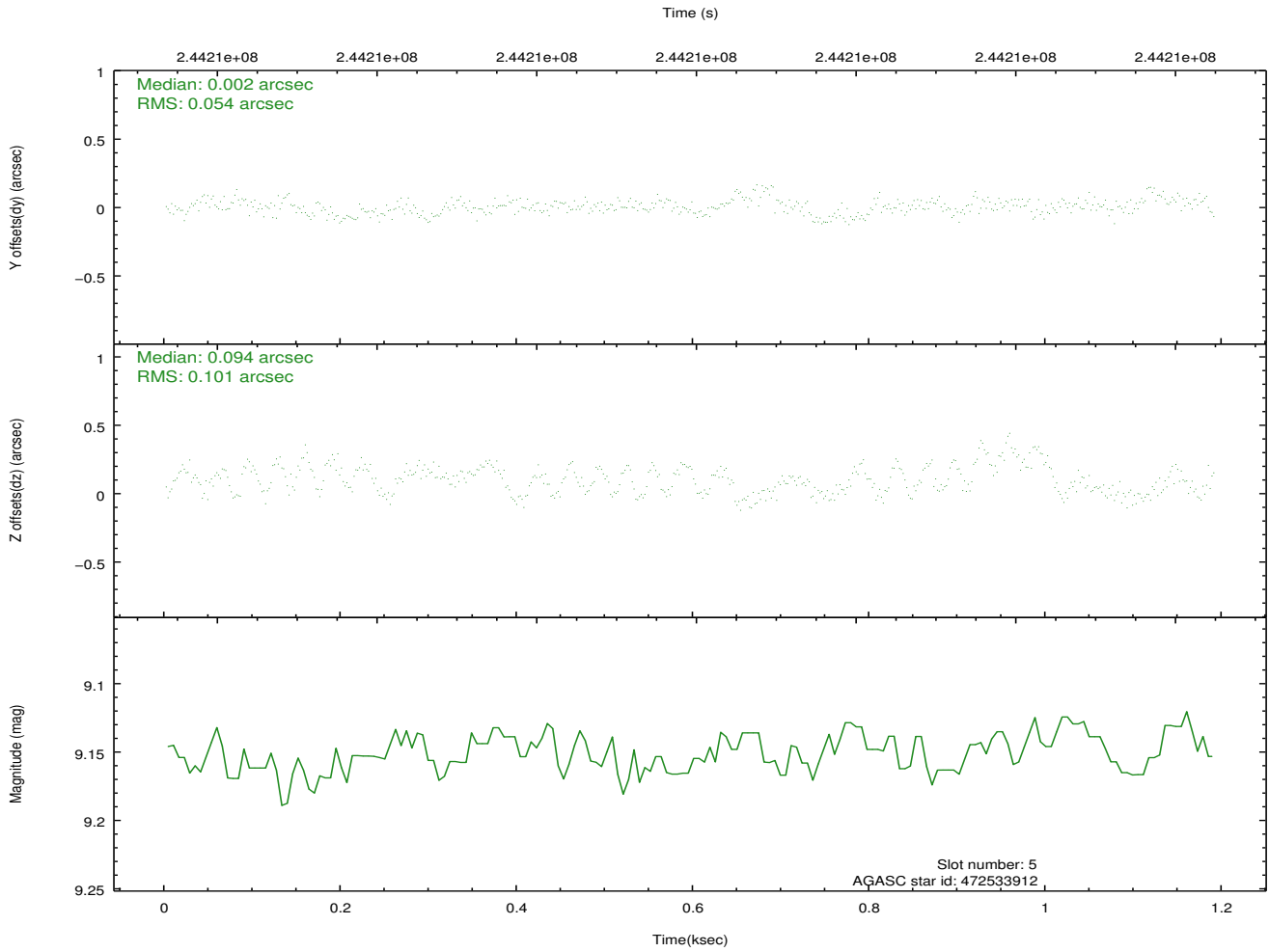
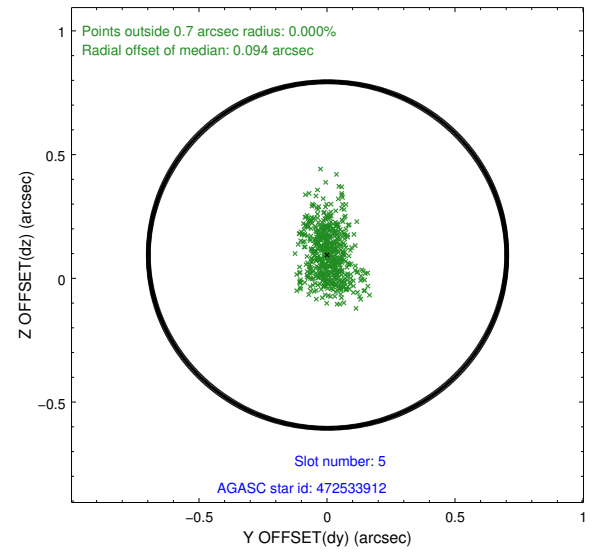
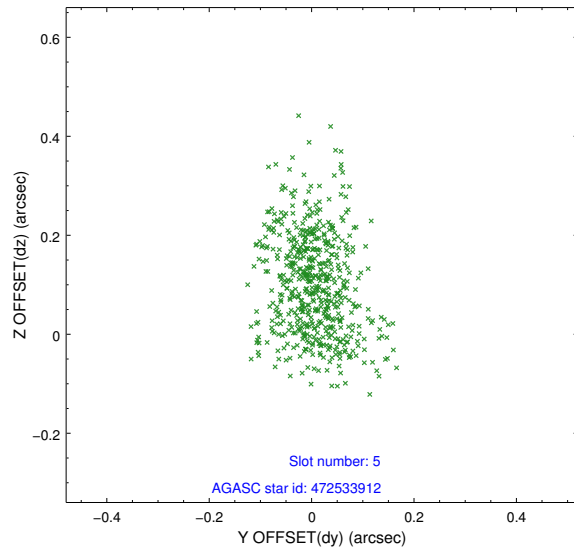
2.4.1 Slot 3



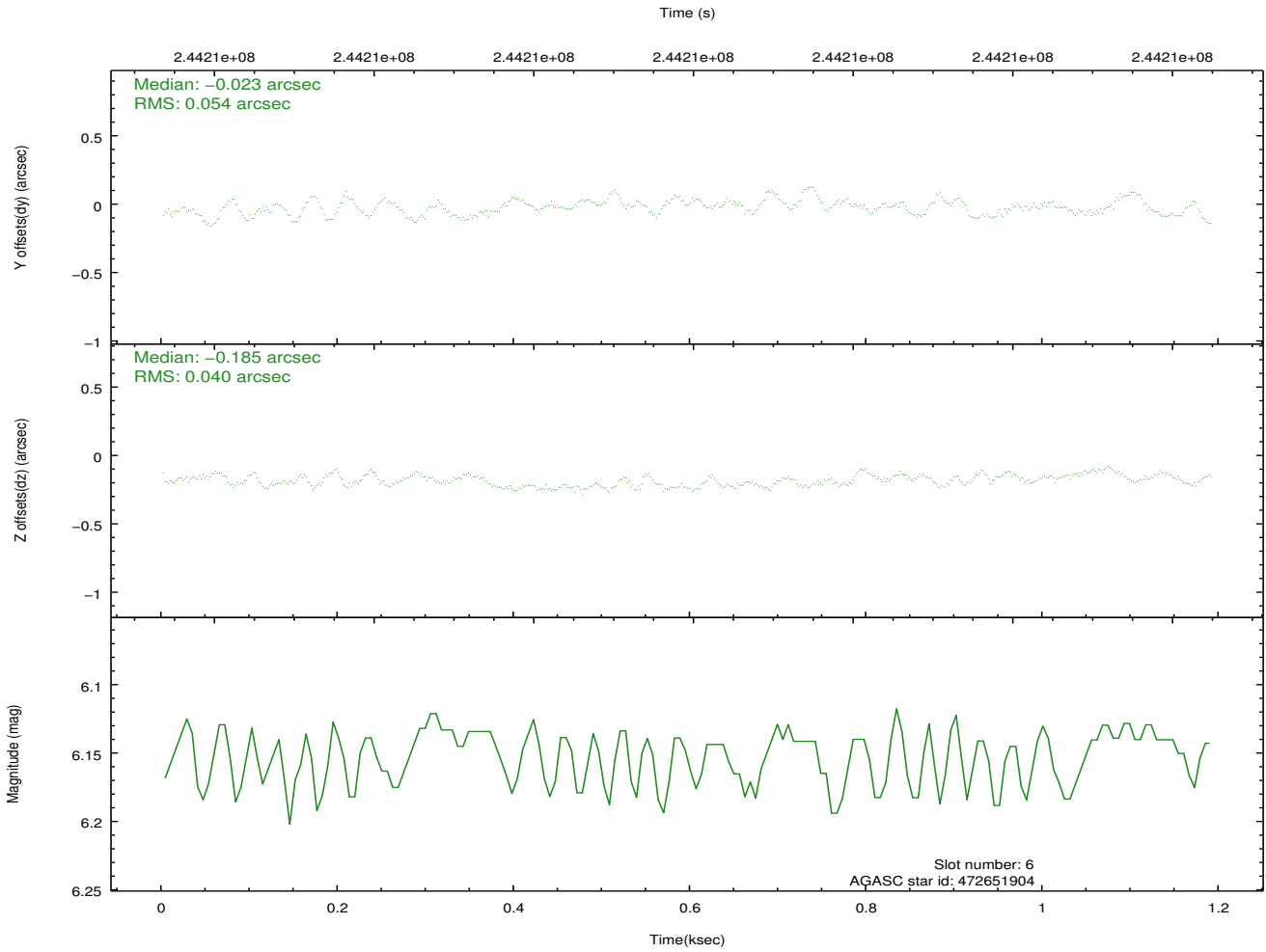
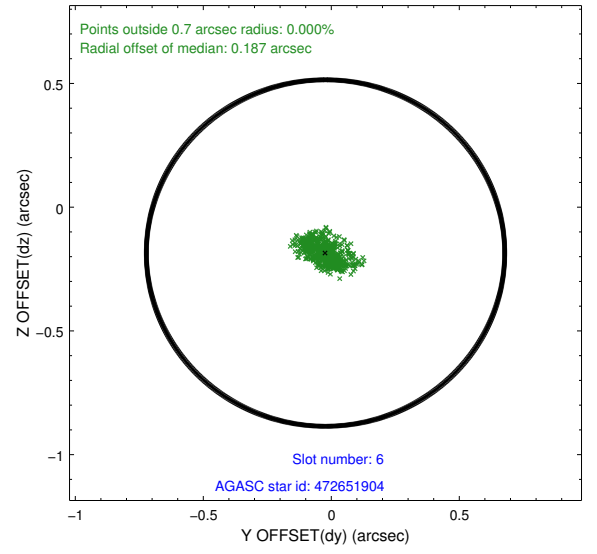
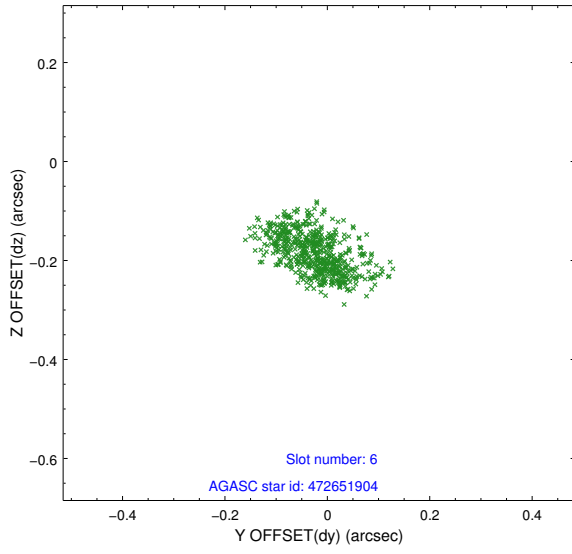
2.4.2 Slot 4



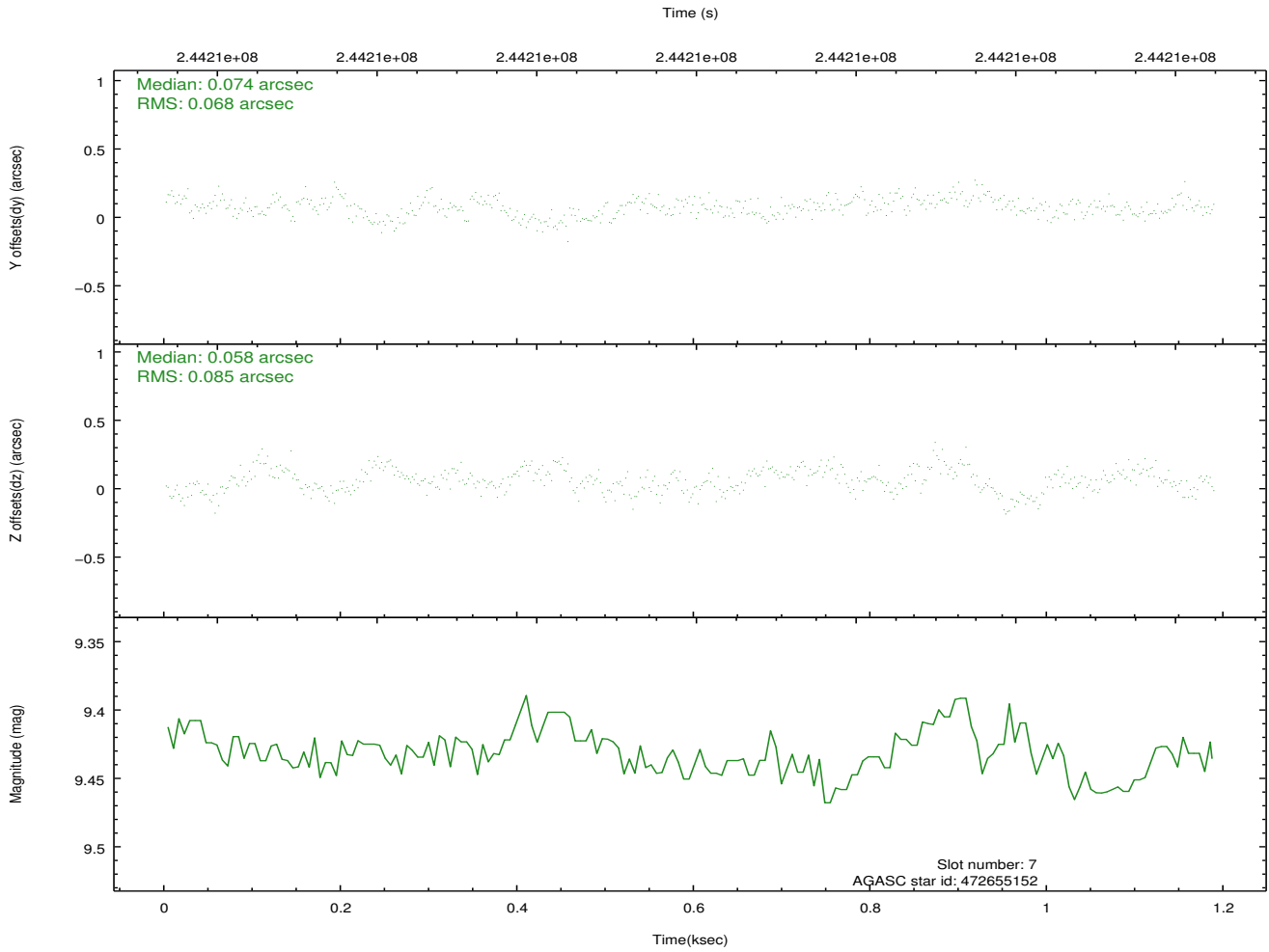
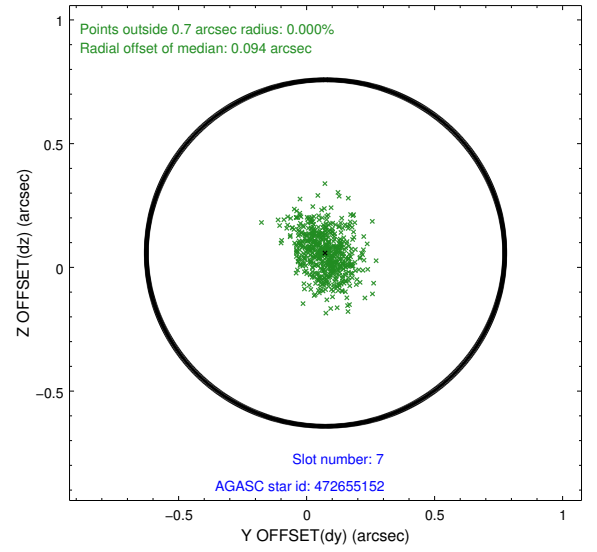
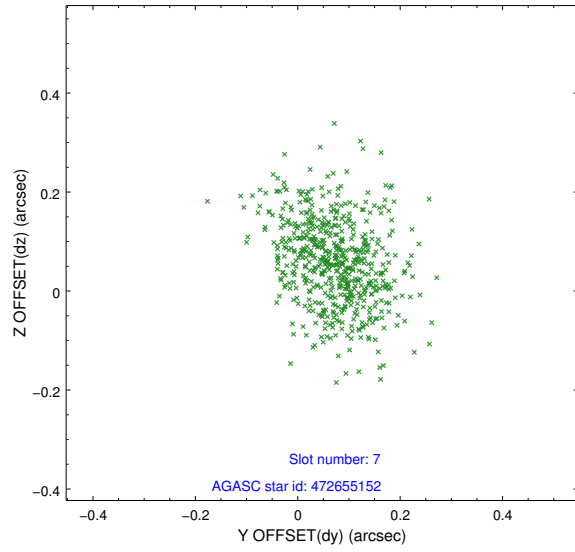
2.4.3 Slot 5



2.4.4 Slot 6

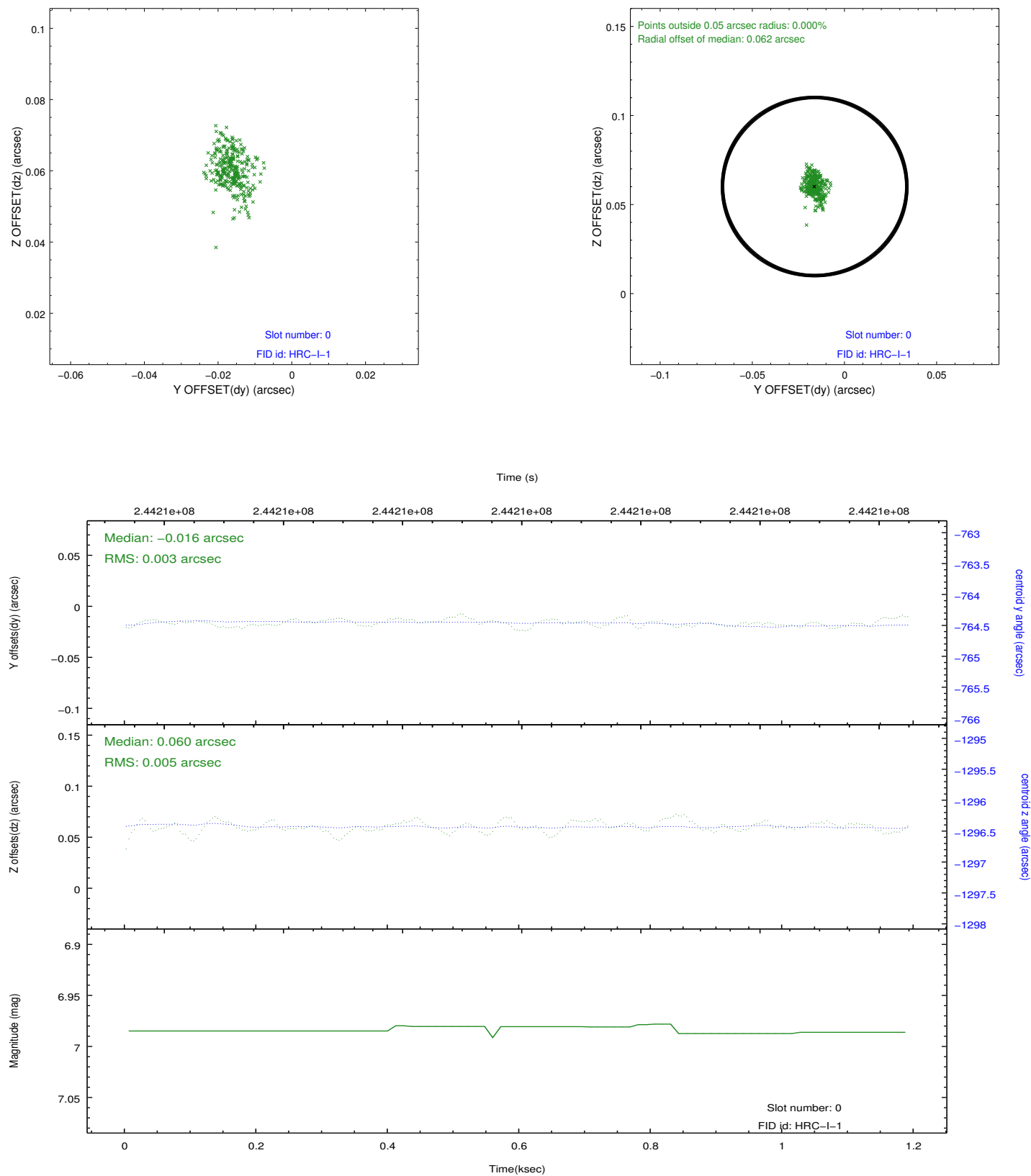


2.4.5 Slot 7

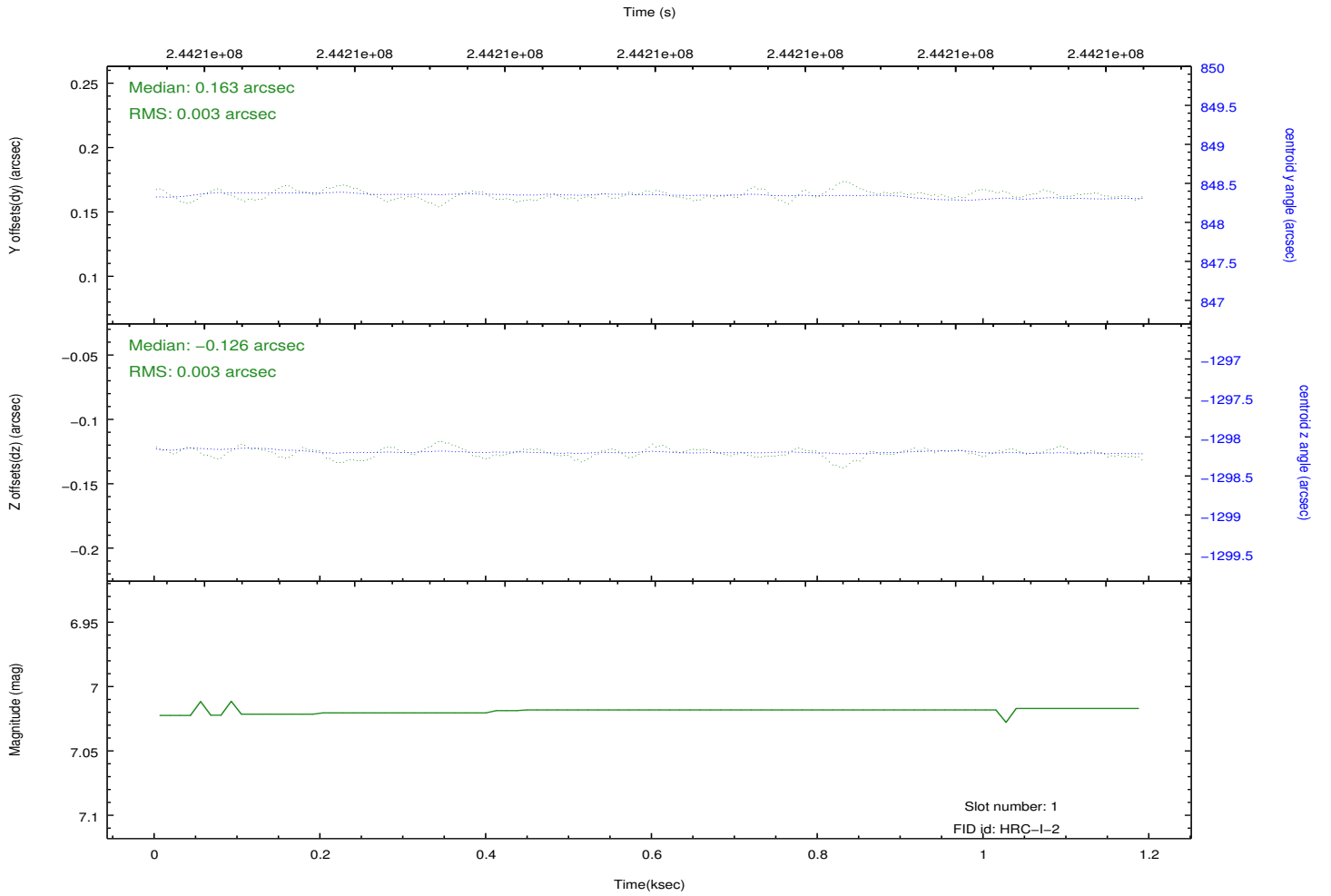
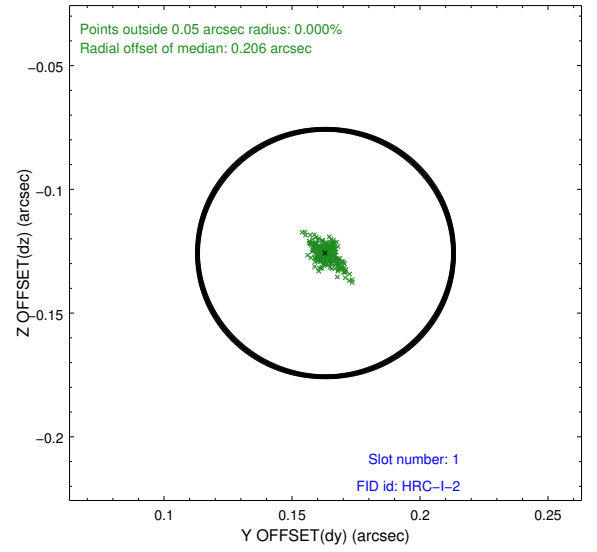
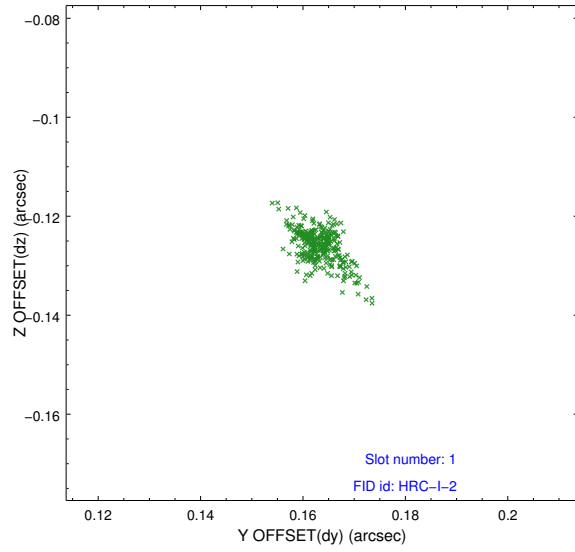


2.5 FID Slots

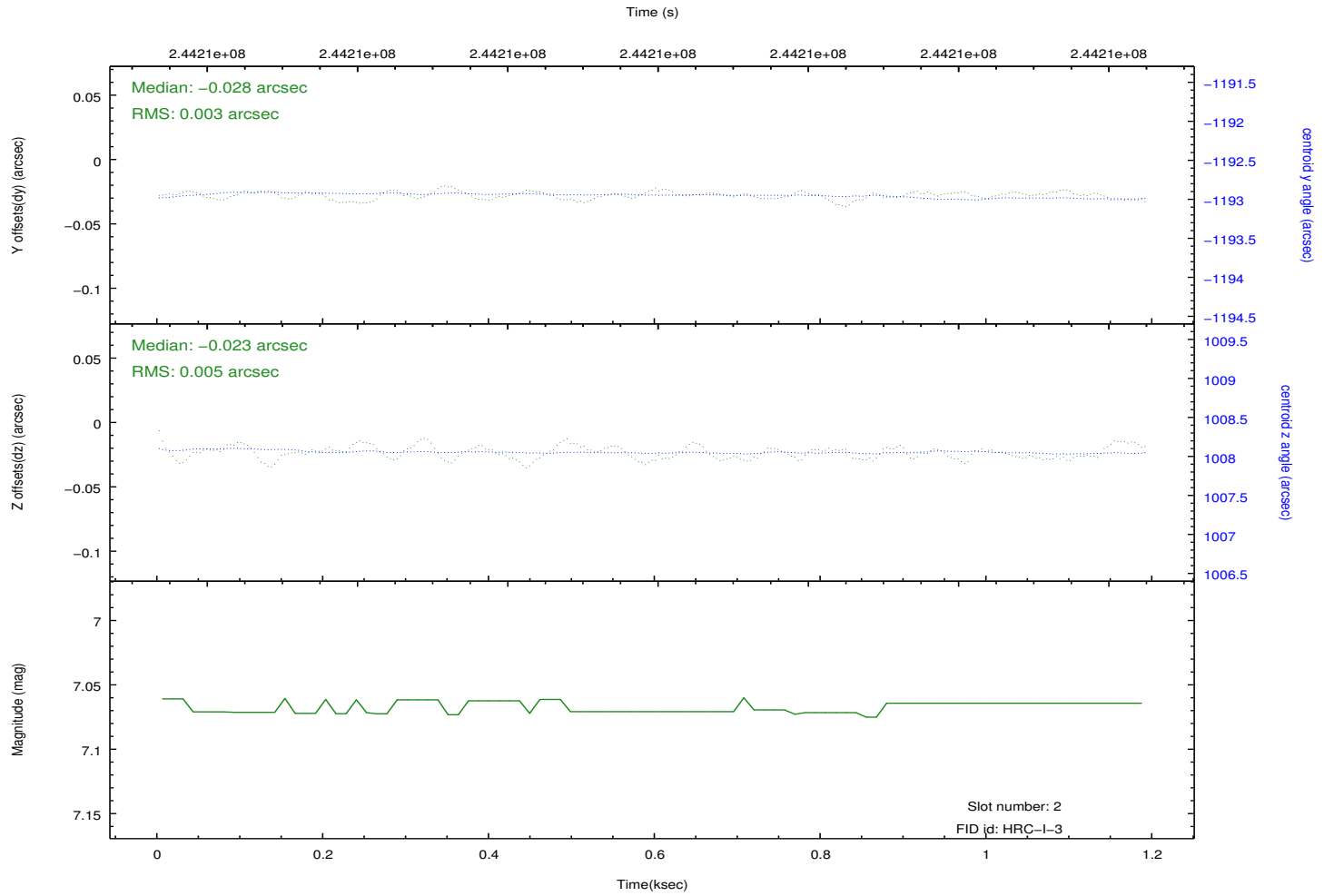
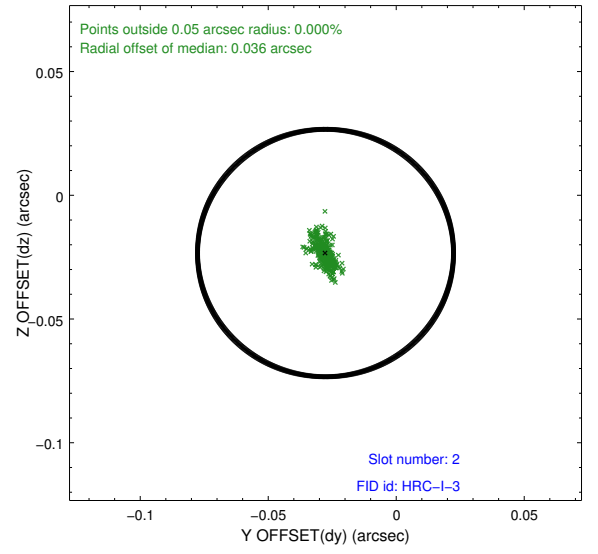
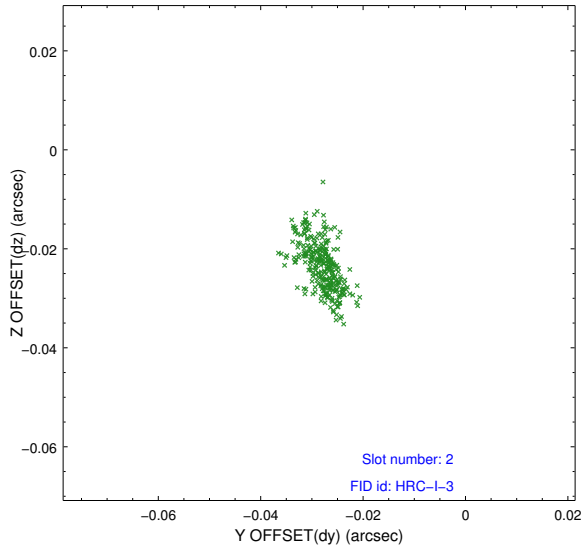
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.188231

A.2 Comments