

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13265 - L2 Version 3
Chandra X-Ray Center

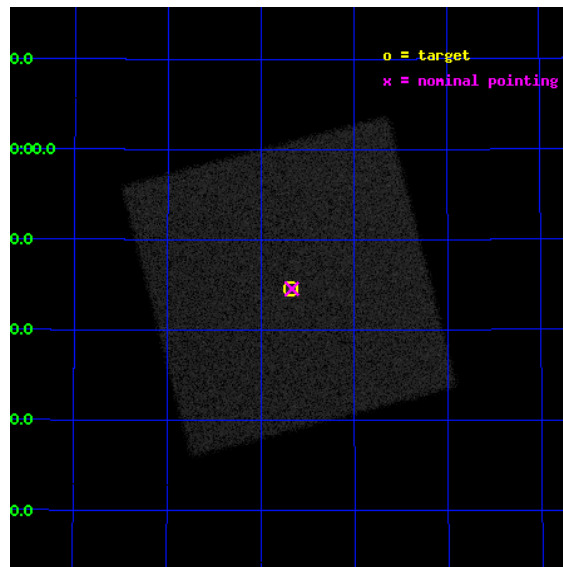
L2 Processing Date : Jul 27 2012

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1 Front

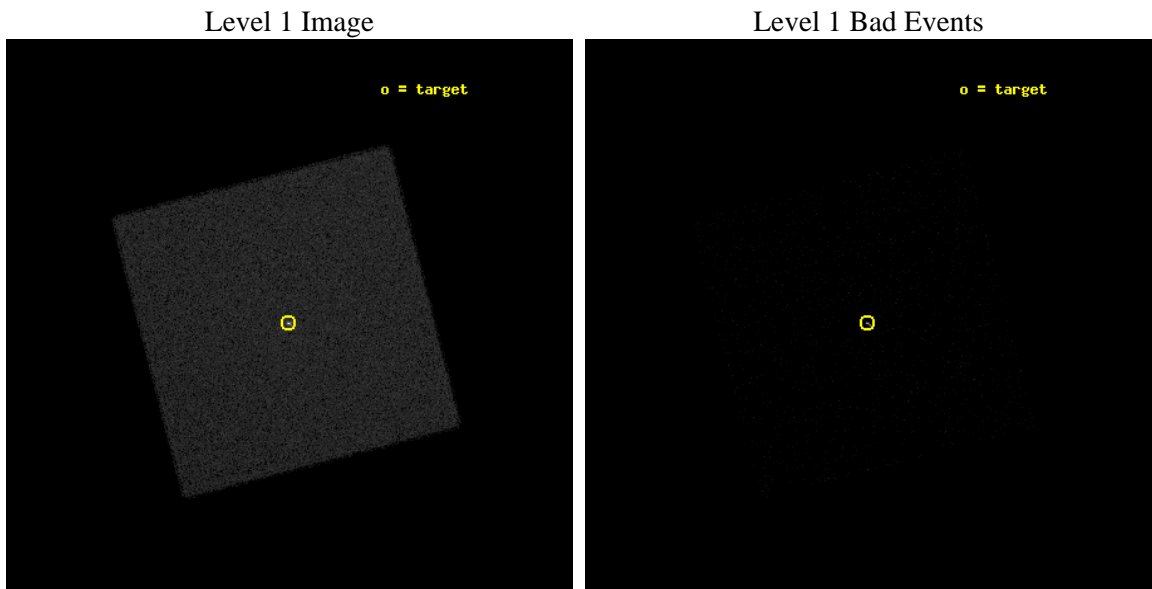
seq_num	291010	Sequence number
obs_id	13265	Observation id
title	AO-12 Calibration Observation to monitor the HRC-I gain	Proposal t
observer	Dr. Chandra Calibration	Principal investigator
object	AR Lac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16695093755	Nominal RA [deg]
dec_nom	45.743149567929	Nominal Dec [deg]
roll_nom	210.48891950862	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2178.3813642263	[s]
livetime	2157.4702623547	Ontime multiplied by DTCOR
l2events	152388	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2178.3813642263	[s]
caldsver	4.5.1	 	l1events	309204	Number of level 1 events
date	2012-07-28T00:44:44	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

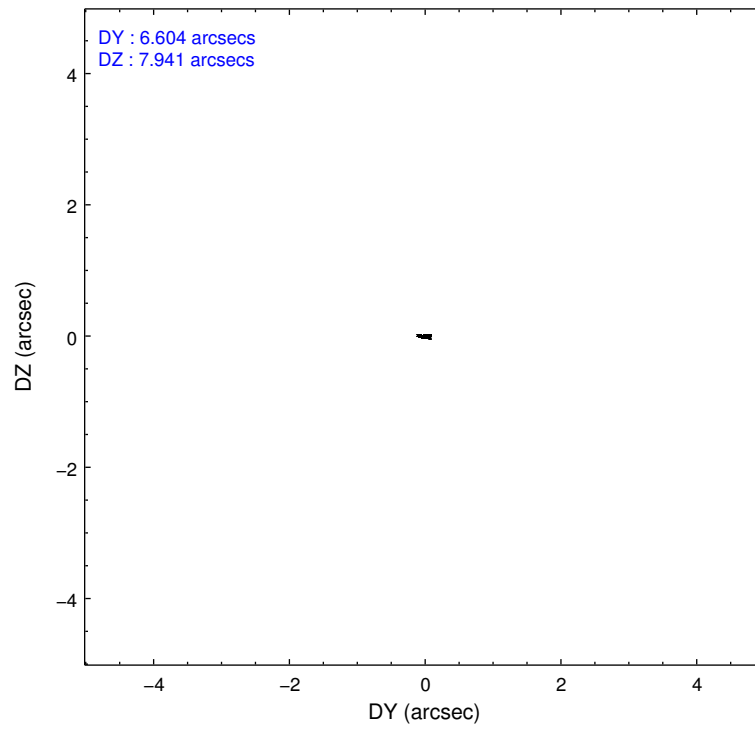
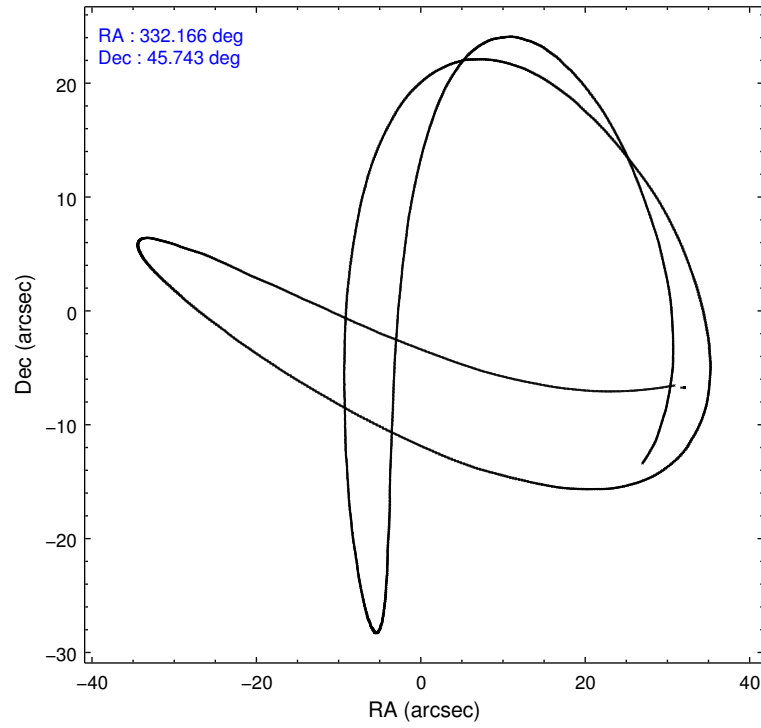
Level 1 Events

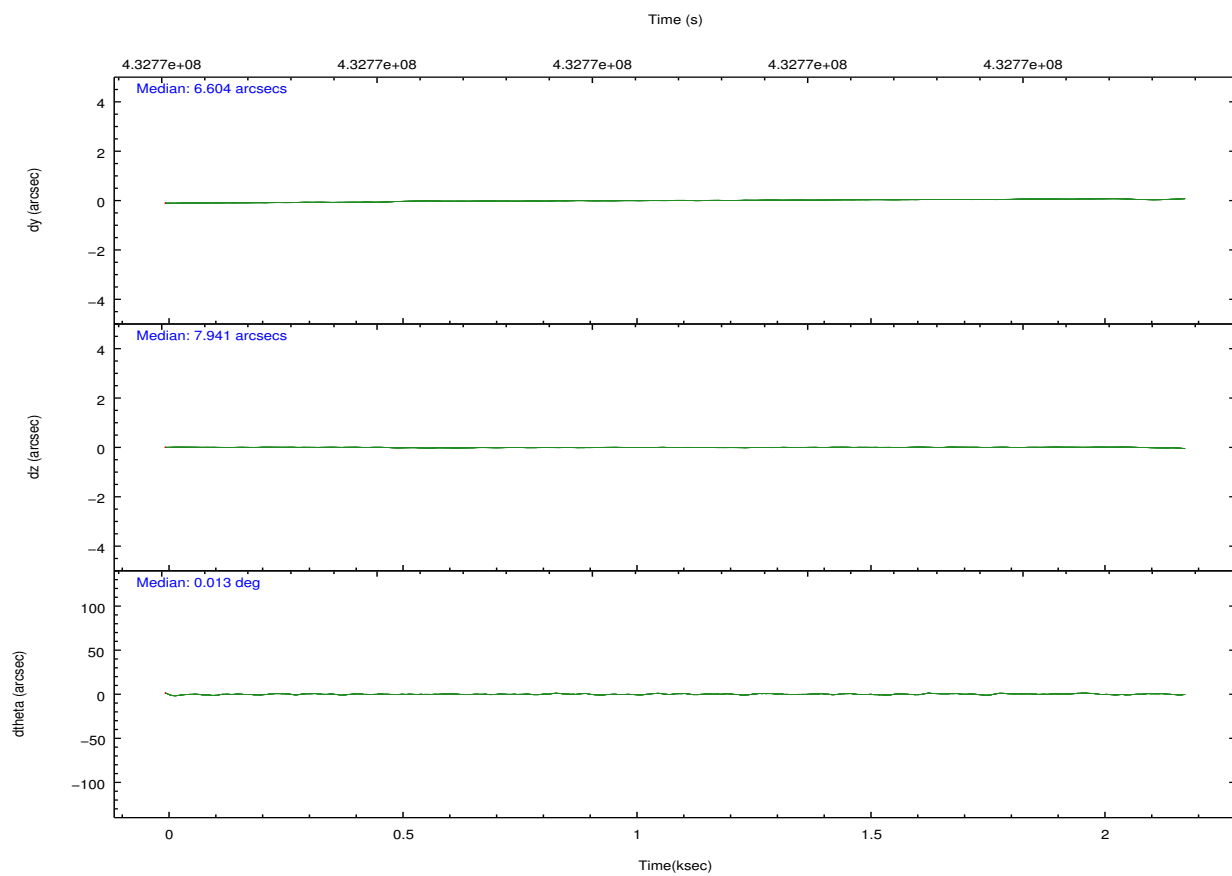
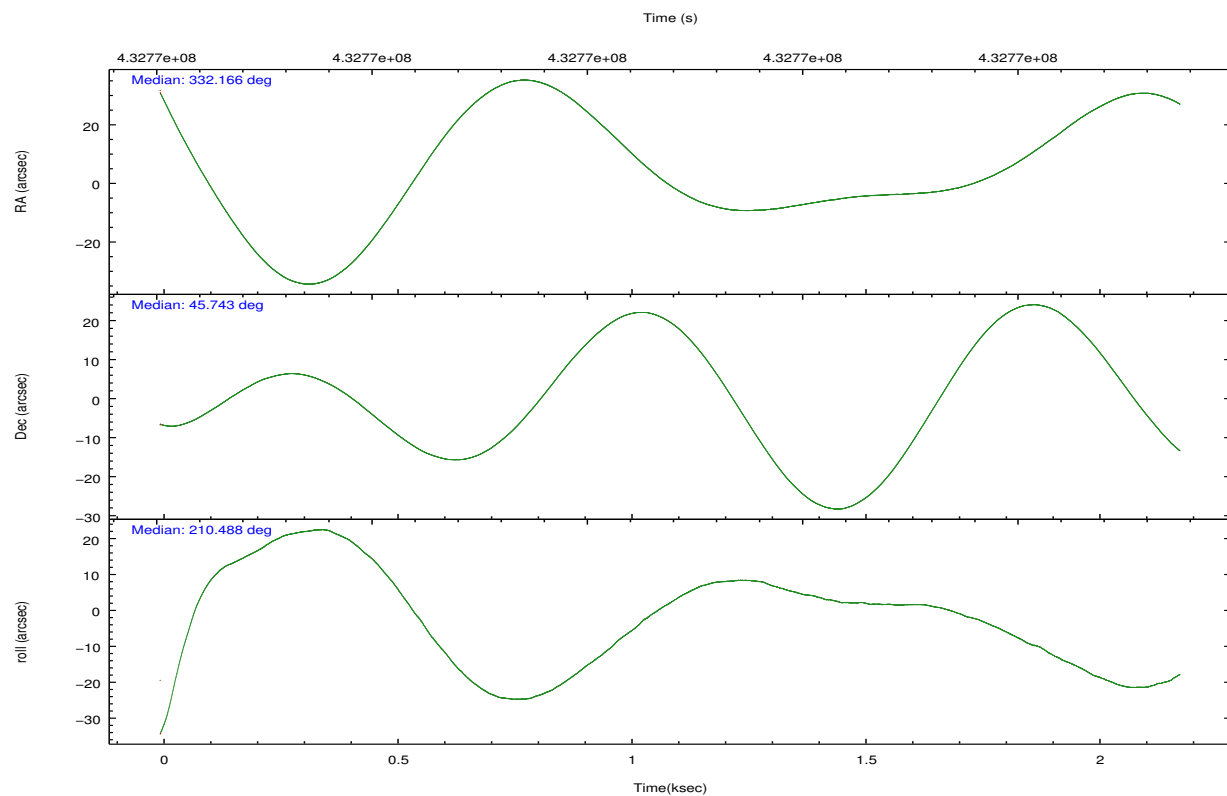
	segment 0
level 1 events	309204
rejected events	102142
rejected %	33%

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	332.185508	332.1669509375515			
[deg] Pointing Dec	45.766900	45.74314956792886			
[deg] Pointing Roll	210.571224	210.4889195086183			
[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)	432767275.184000	432766096.99748			
Observation start date	2011-09-18T21:06:49	2011-09-18T20:48:16			
[s] Observation end time (MET)	432769275.184000	432769409.79766			
Observation end date	2011-09-18T21:40:09	2011-09-18T21:43:29			

2.3 Aspect



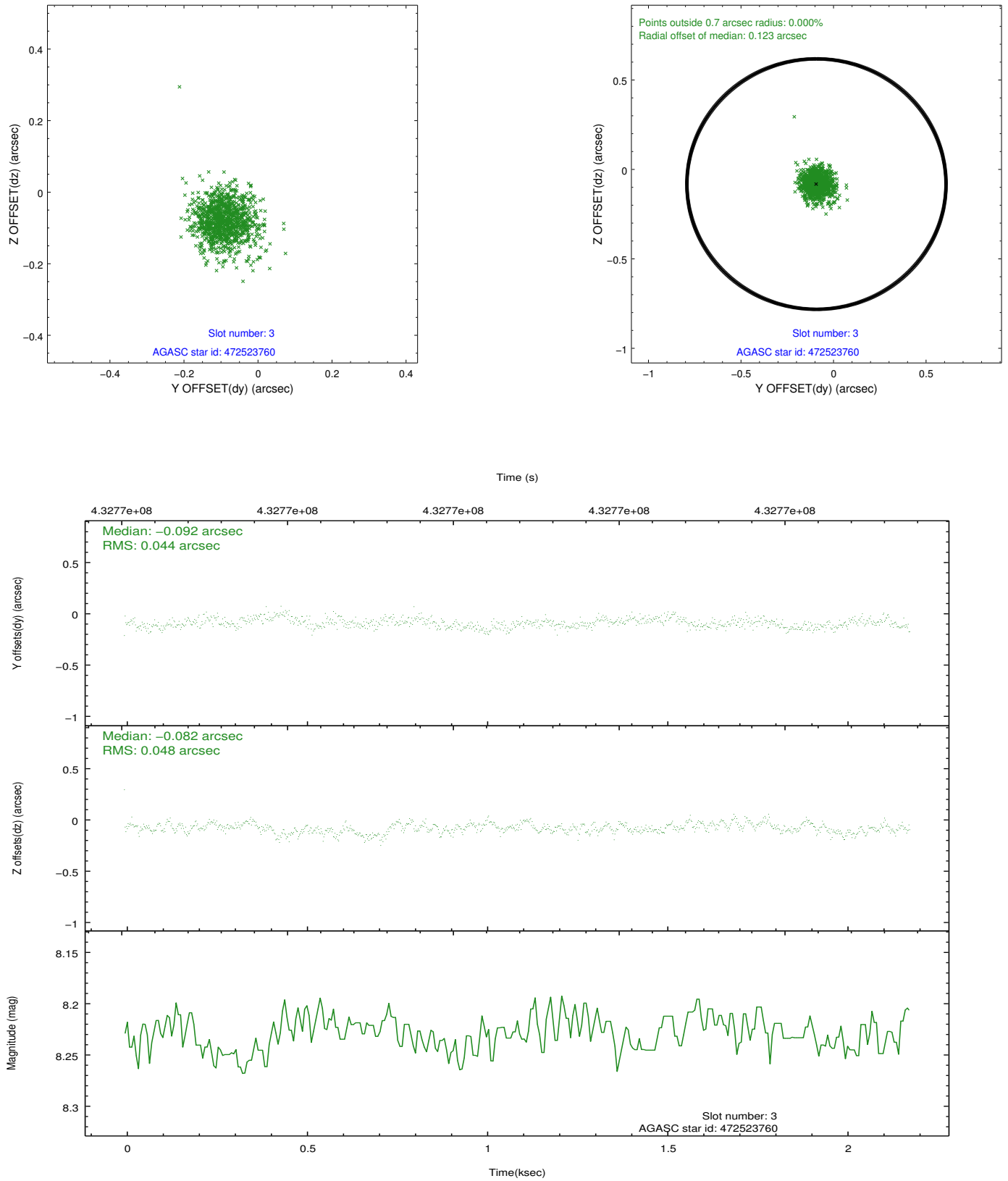


Slot Statistics

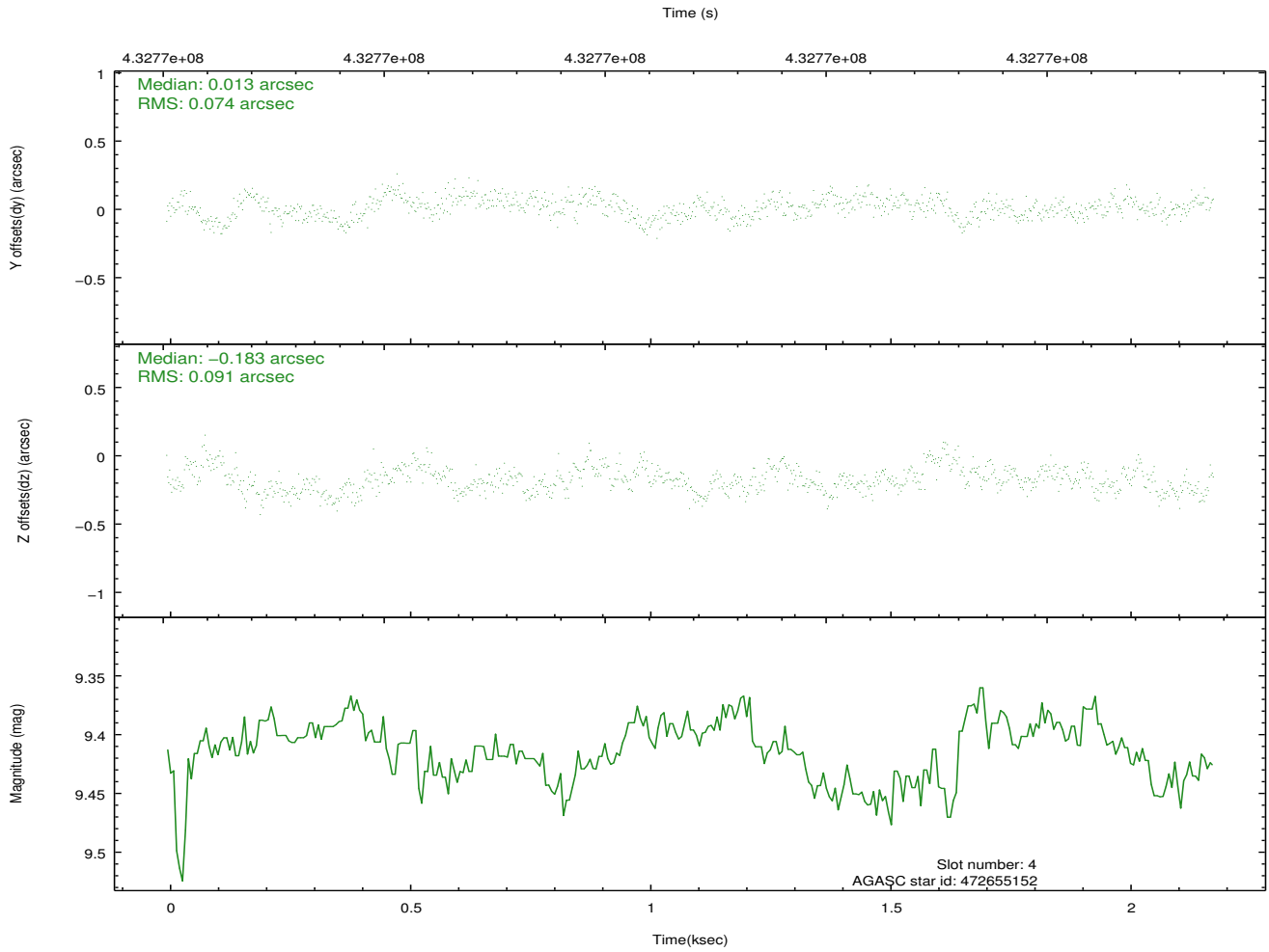
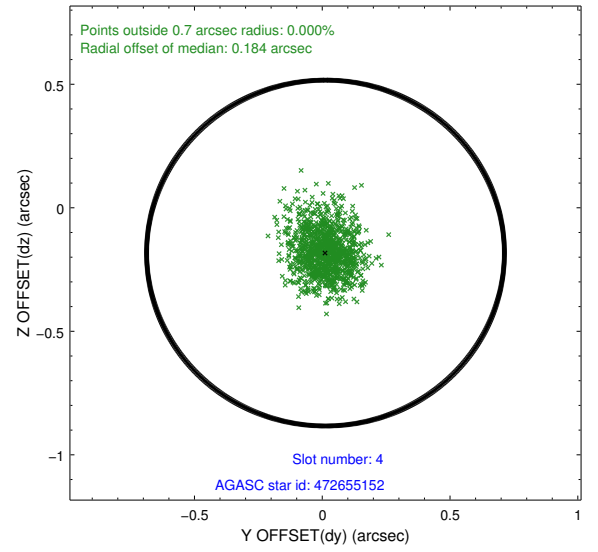
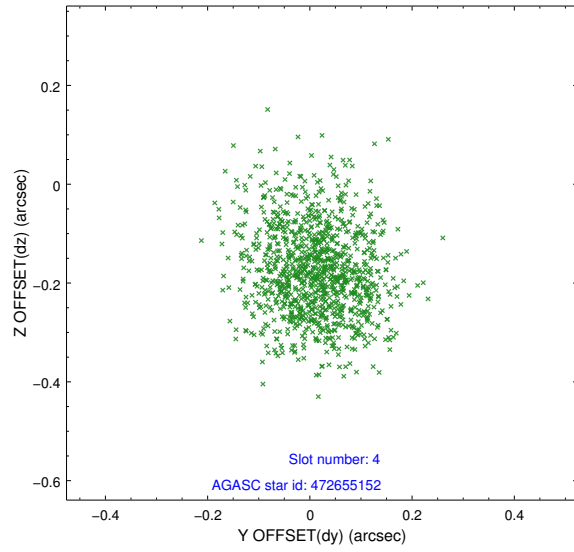
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	532	0.040	-0.015	0.005	0.010	0.000000	0.000000	-762.23	-1295.77
1	FID	HRC-I-3	7.03	532	-0.119	-0.038	0.006	0.011	0.000000	0.000000	-1192.14	1006.37
2	FID	HRC-I-4	6.97	532	0.193	-0.036	0.005	0.009	0.000000	0.000000	1278.64	1008.12
3	GUIDE	472523760	8.23	1064	-0.092	-0.082	0.066	0.112	331.645363	45.403260	1839.49	429.87
4	GUIDE	472655152	9.41	1064	0.013	-0.183	0.123	0.202	332.504239	45.862991	-862.52	108.65
5	GUIDE	472665256	9.00	1063	0.087	0.147	0.082	0.133	332.808125	46.195041	-2123.11	-541.89
6	GUIDE	420754040	9.05	1055	-0.059	-0.007	0.092	0.147	331.917939	44.882543	2203.47	2394.01
7	GUIDE	472533912	9.15	1060	0.043	0.122	0.121	0.192	331.791136	46.368695	-256.96	-2362.15

2.4 Star Slots

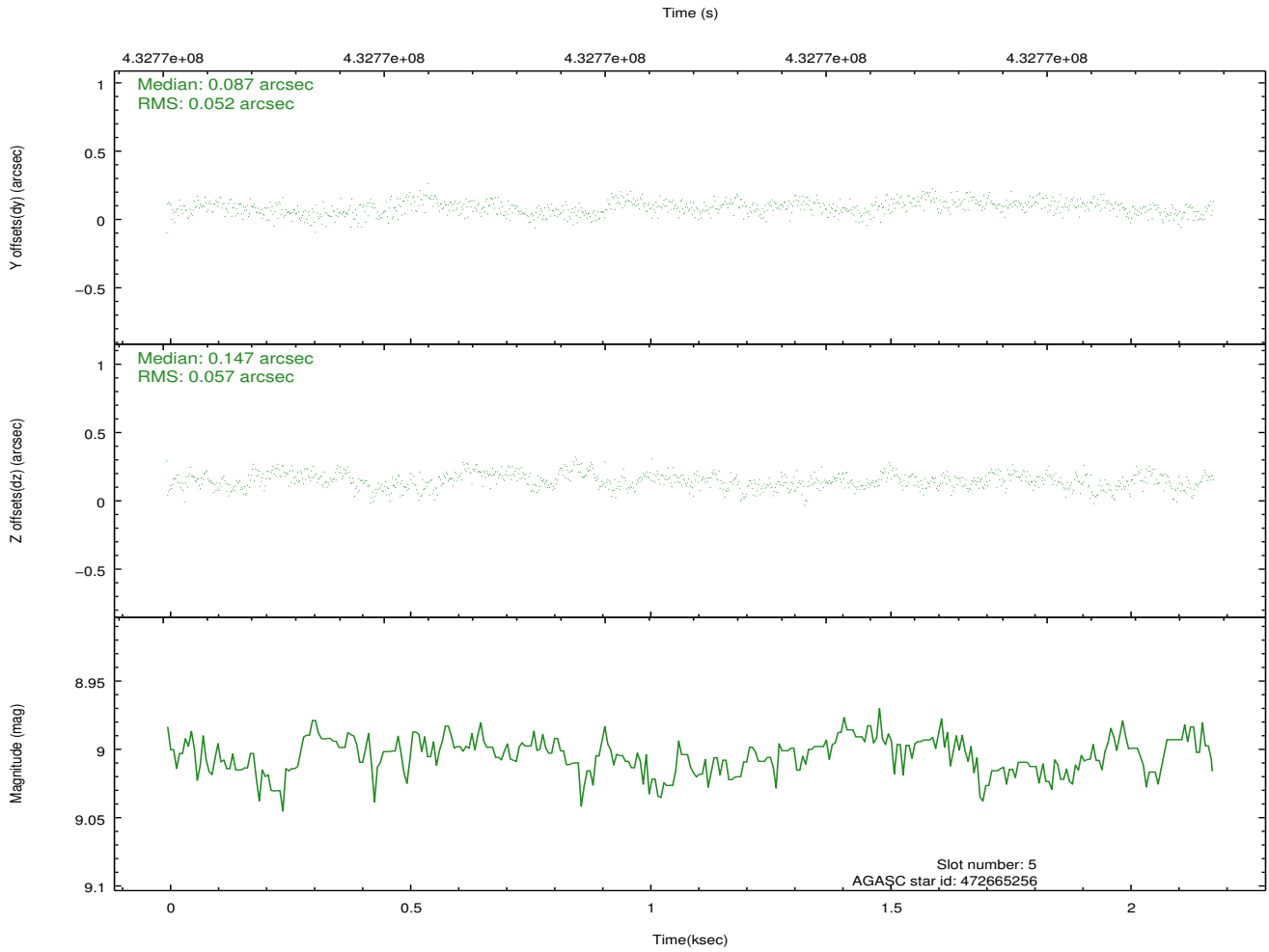
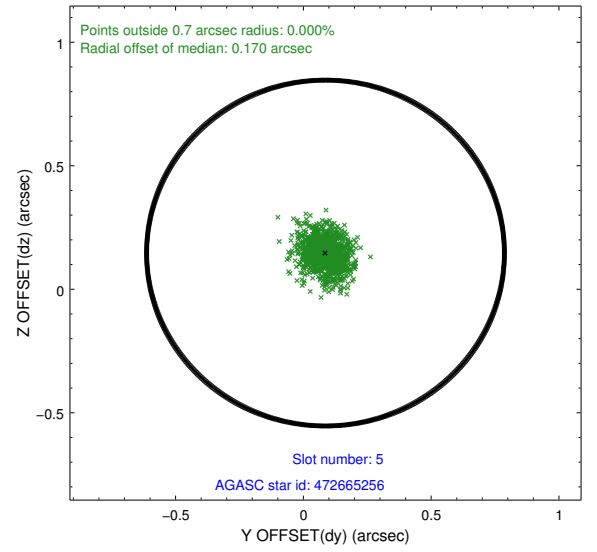
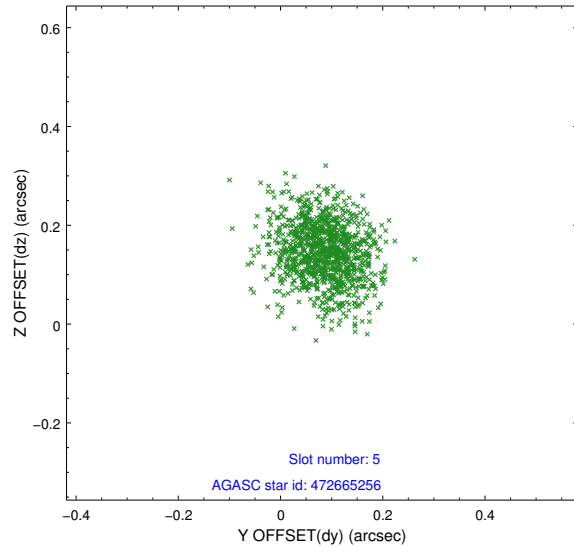
2.4.1 Slot 3



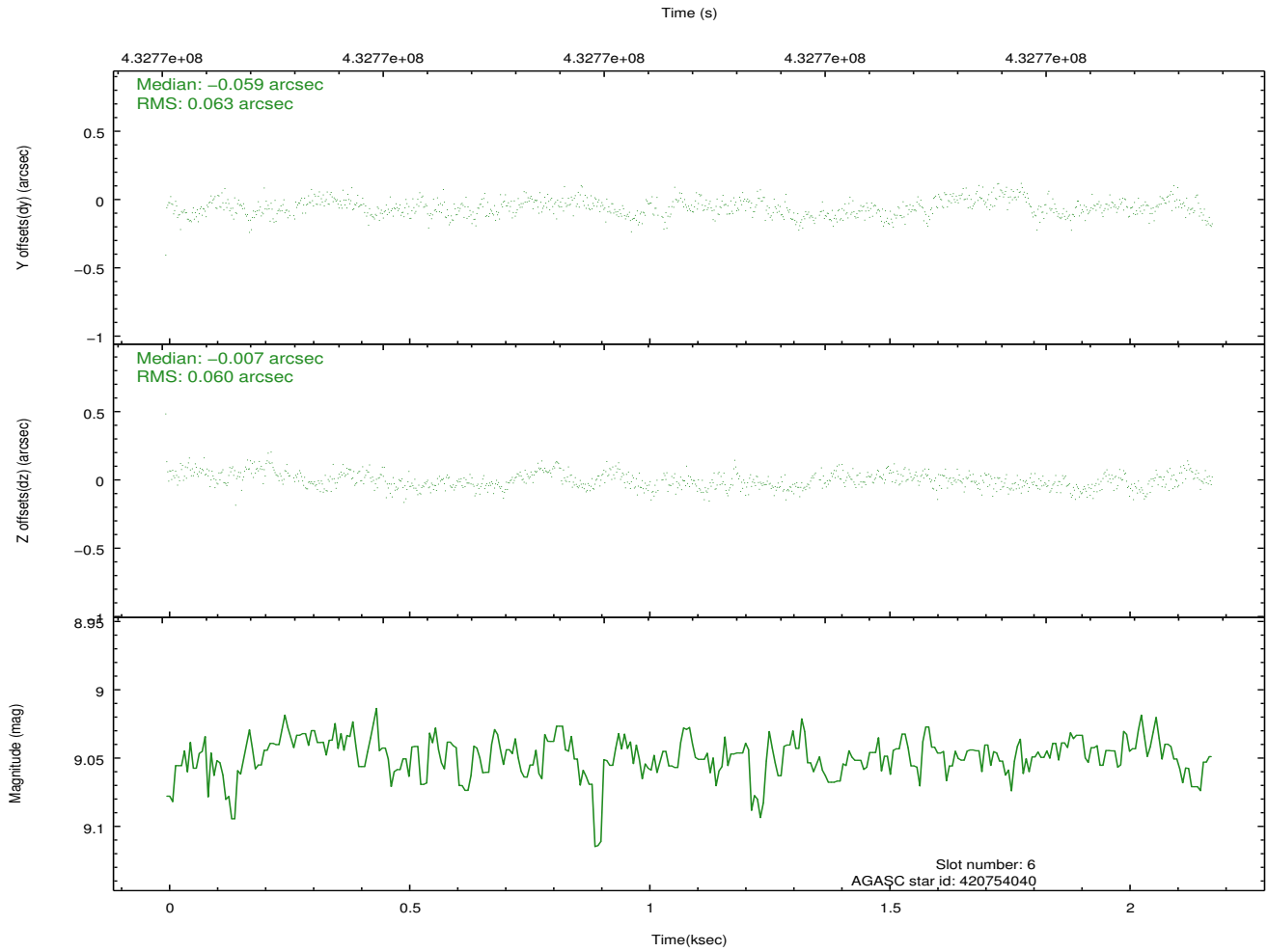
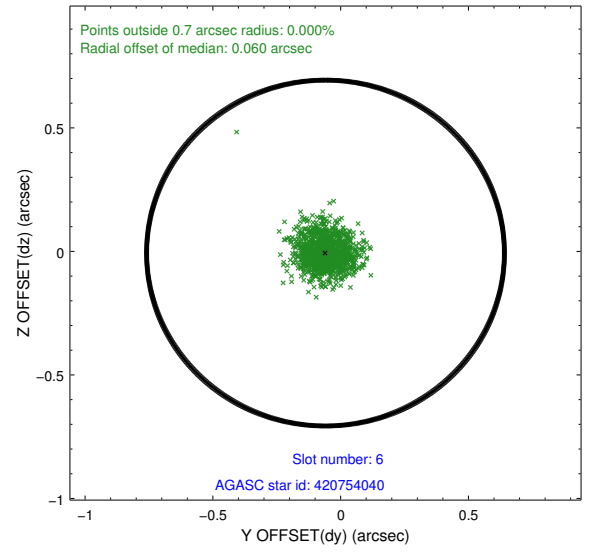
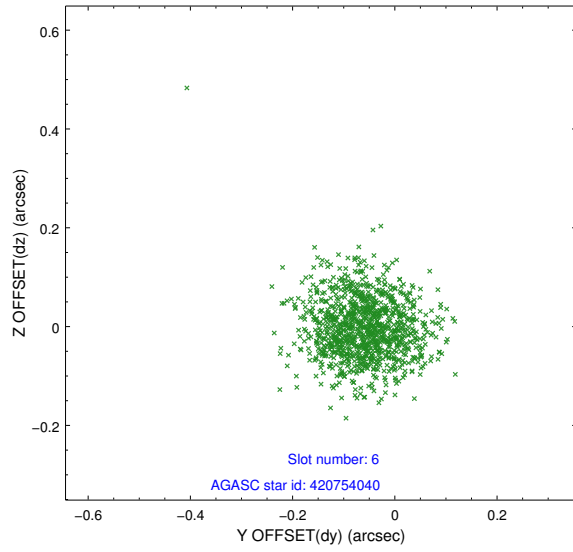
2.4.2 Slot 4



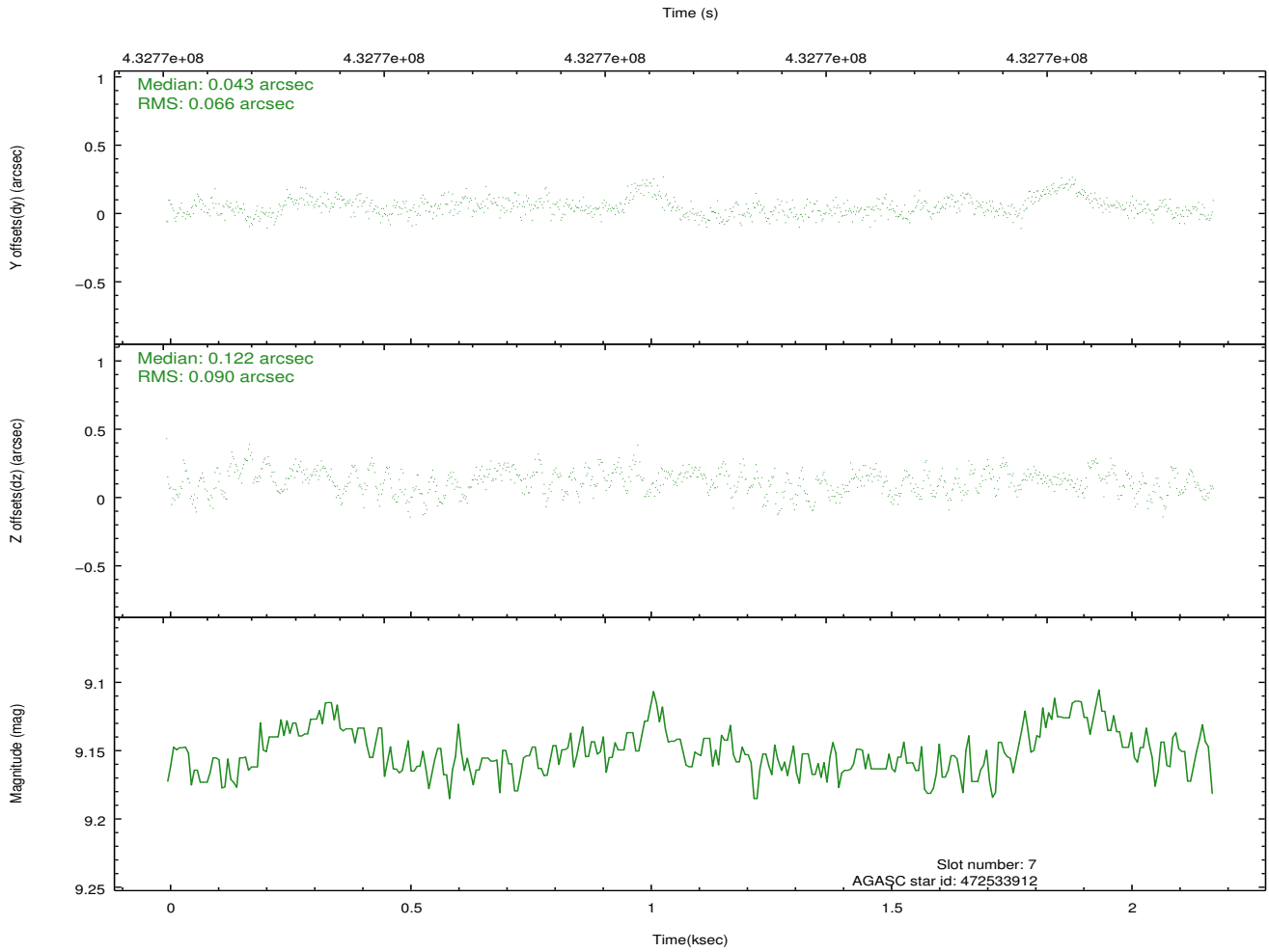
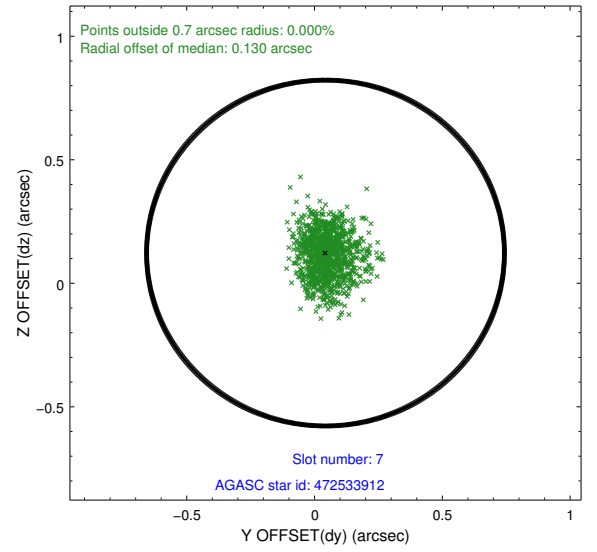
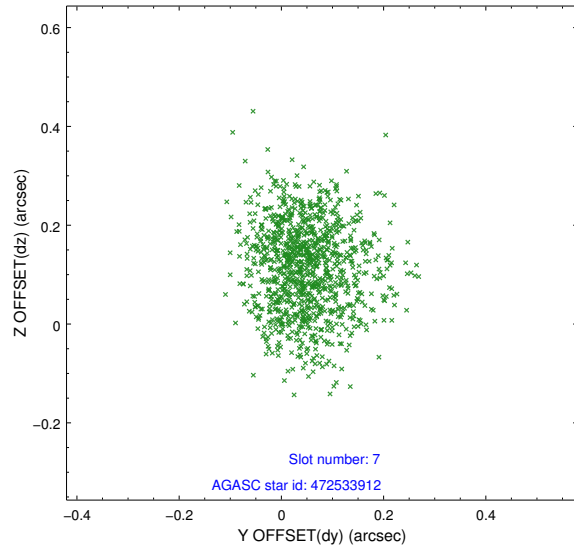
2.4.3 Slot 5



2.4.4 Slot 6

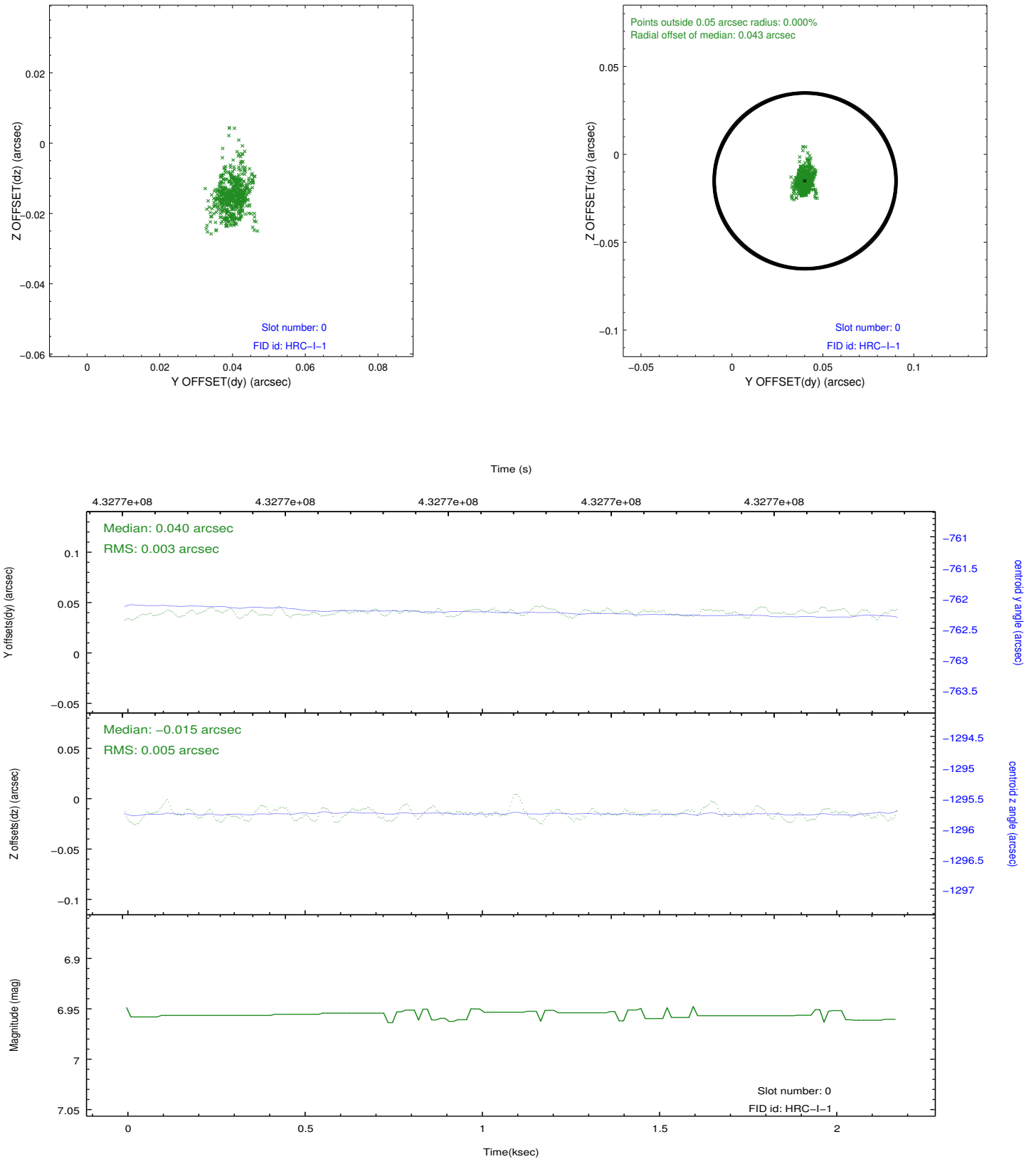


2.4.5 Slot 7

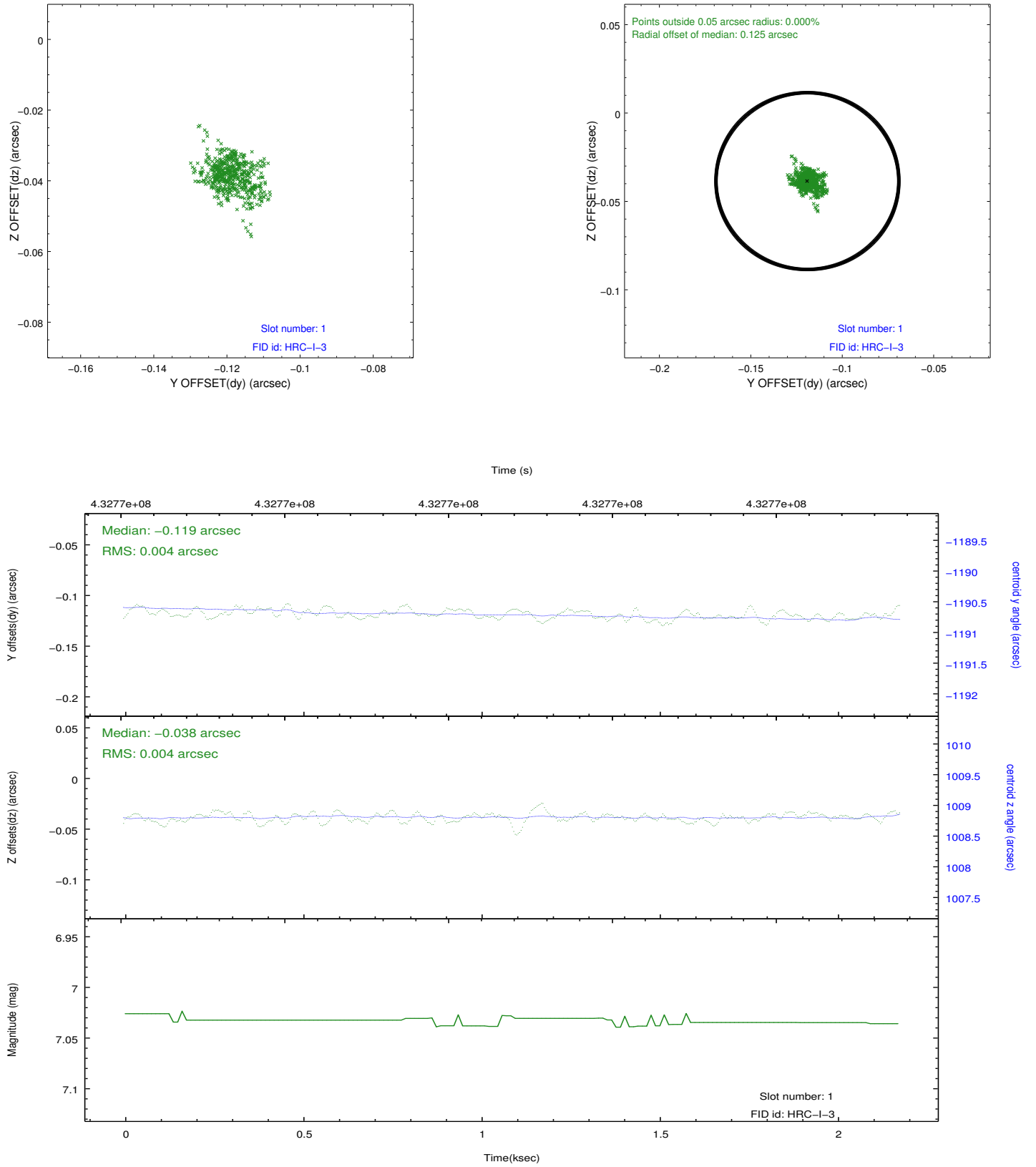


2.5 FID Slots

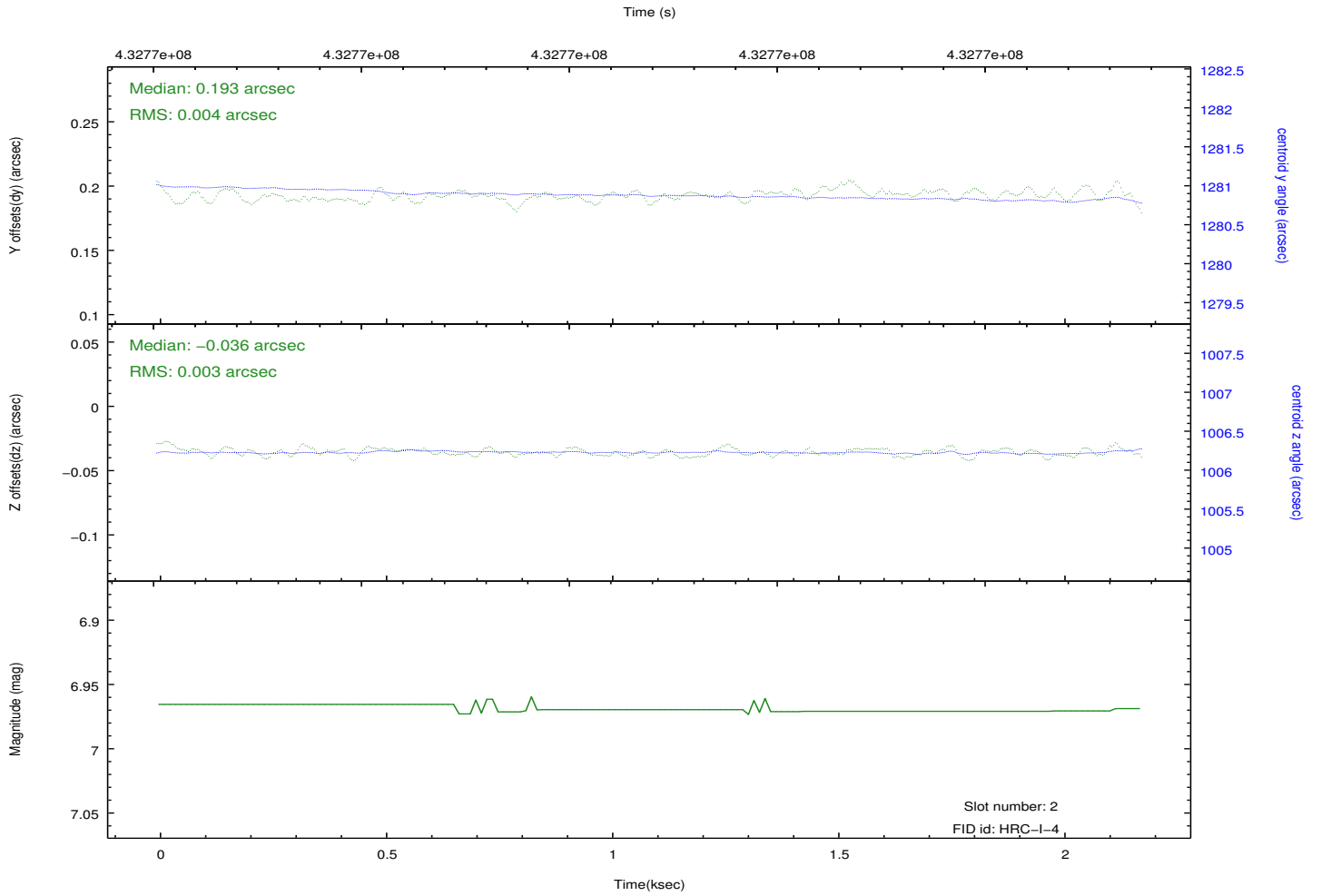
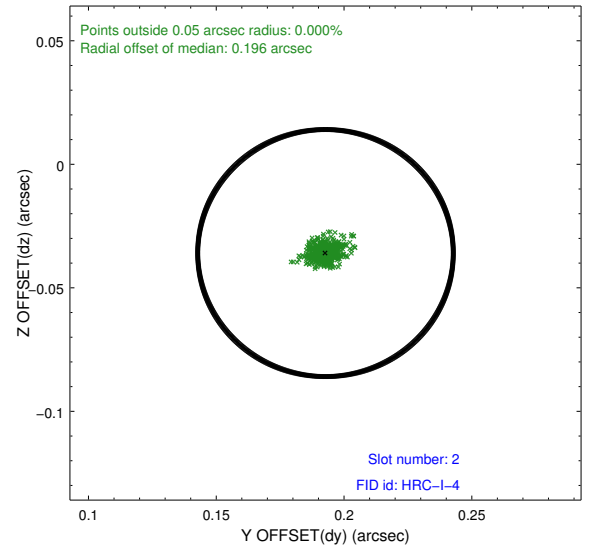
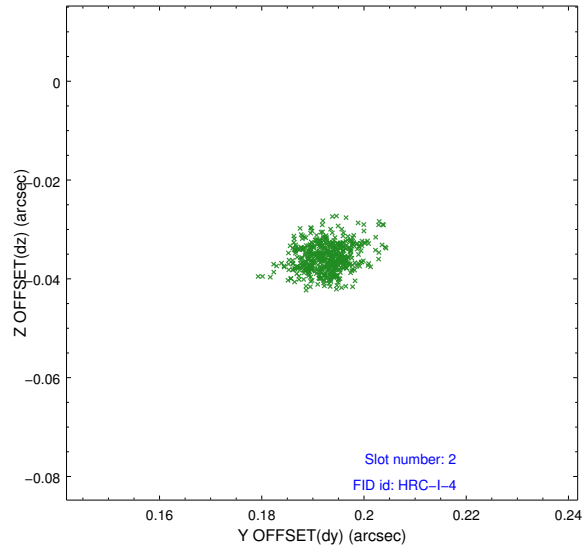
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1783813642263

A.2 Comments