

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5069 - L2 Version 4
Chandra X-Ray Center

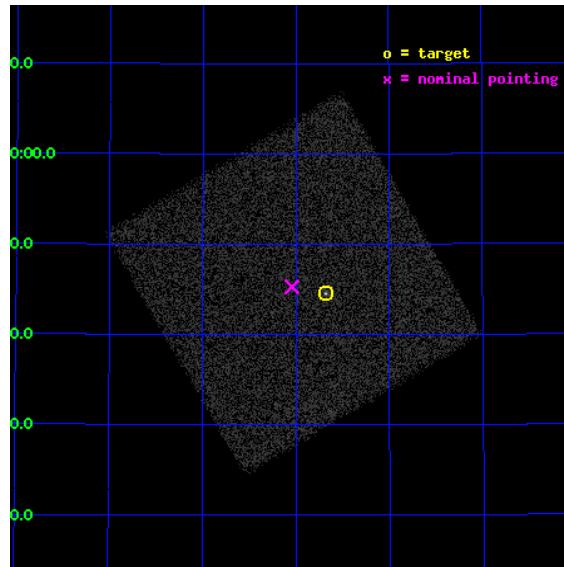
L2 Processing Date : Dec 12 2012

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1 Front

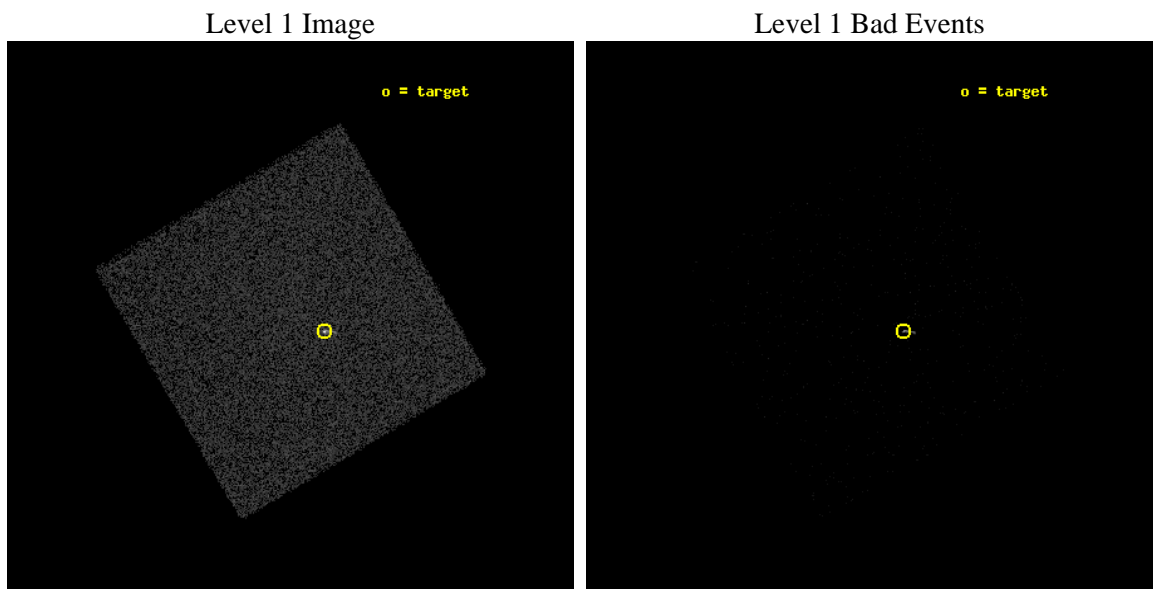
seq_num	290342	Sequence number
obs_id	5069	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.26082073879	Nominal RA [deg]
dec_nom	45.754807436835	Nominal Dec [deg]
roll_nom	284.44947760241	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1083.681298703	[s]
livetime	1075.8528319322	Ontime multiplied by DTCOR
l2events	43751	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1083.681298703	[s]
caldbver	4.5.4	 	l1events	82444	Number of level 1 events
date	2012-12-11T23:42:43	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

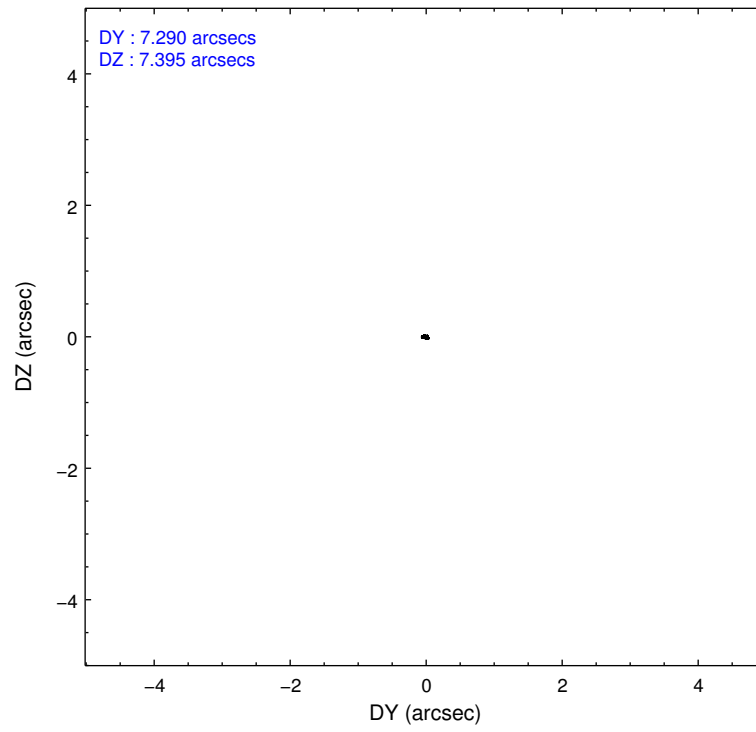
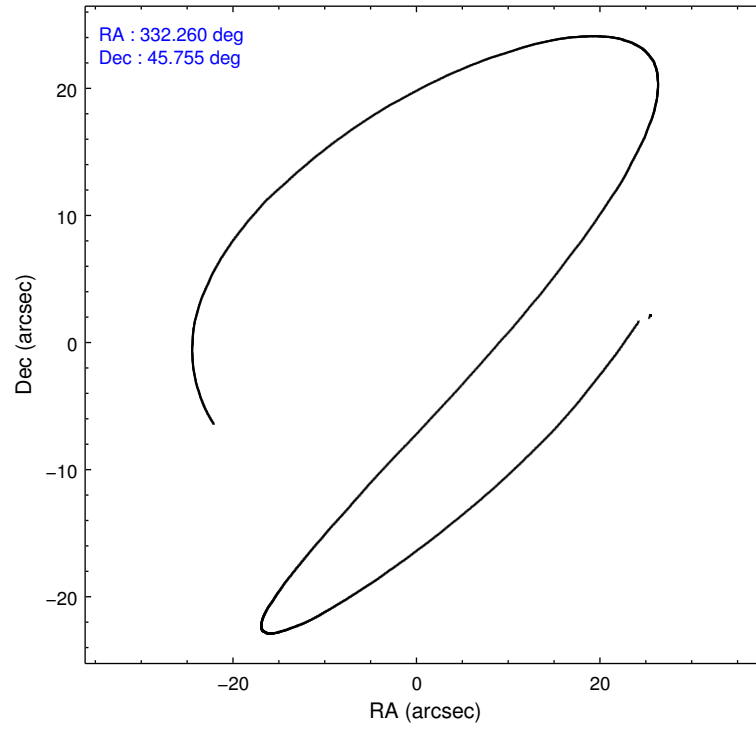
Level 1 Events

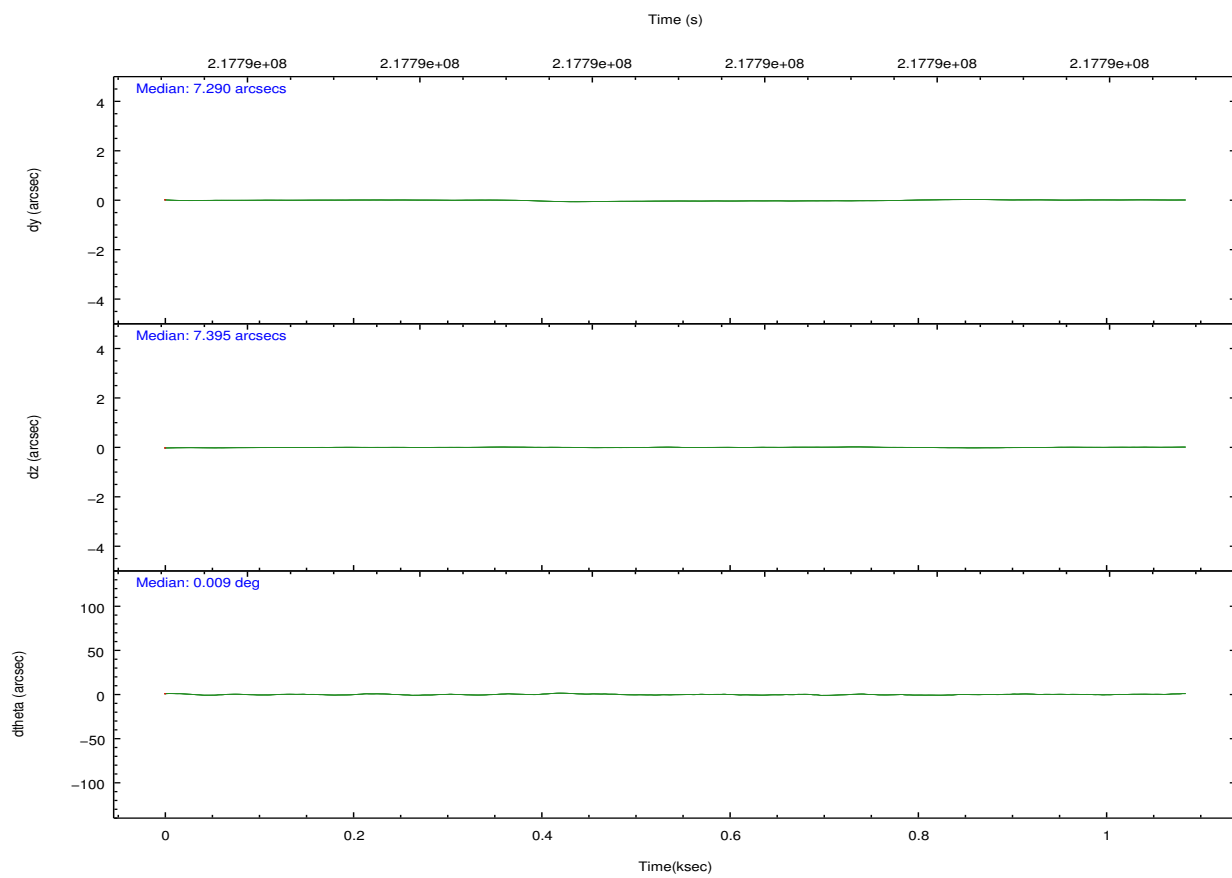
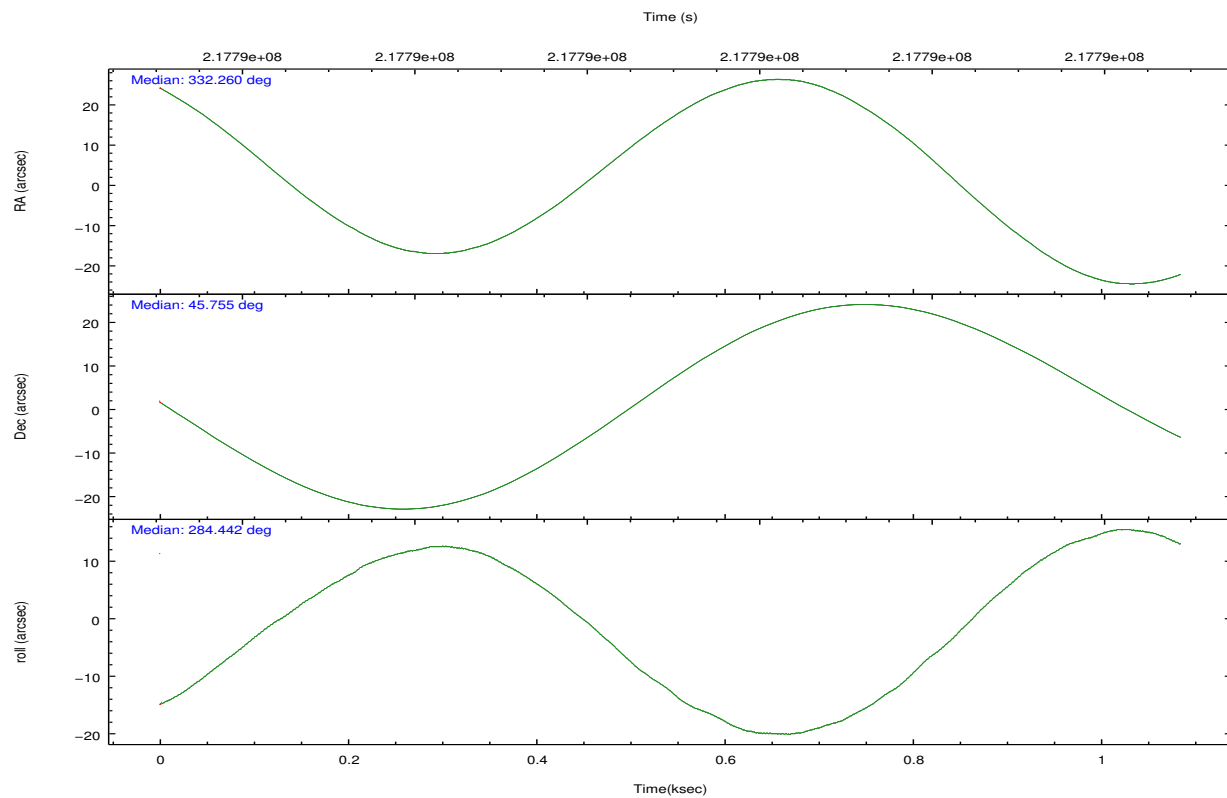
	segment 0
level 1 events	82444
rejected events	18852
rejected %	22%

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	332.233757	332.2608207387917			
[deg] Pointing Dec	45.773858	45.75480743683463			
[deg] Pointing Roll	284.564299	284.4494776024105			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	217787337.184000	217786961.30828			
Observation start date	2004-11-25T16:27:53	2004-11-25T16:22:41			
[s] Observation end time (MET)	217788237.184000	217788371.19584			
Observation end date	2004-11-25T16:42:53	2004-11-25T16:46:11			

2.3 Aspect



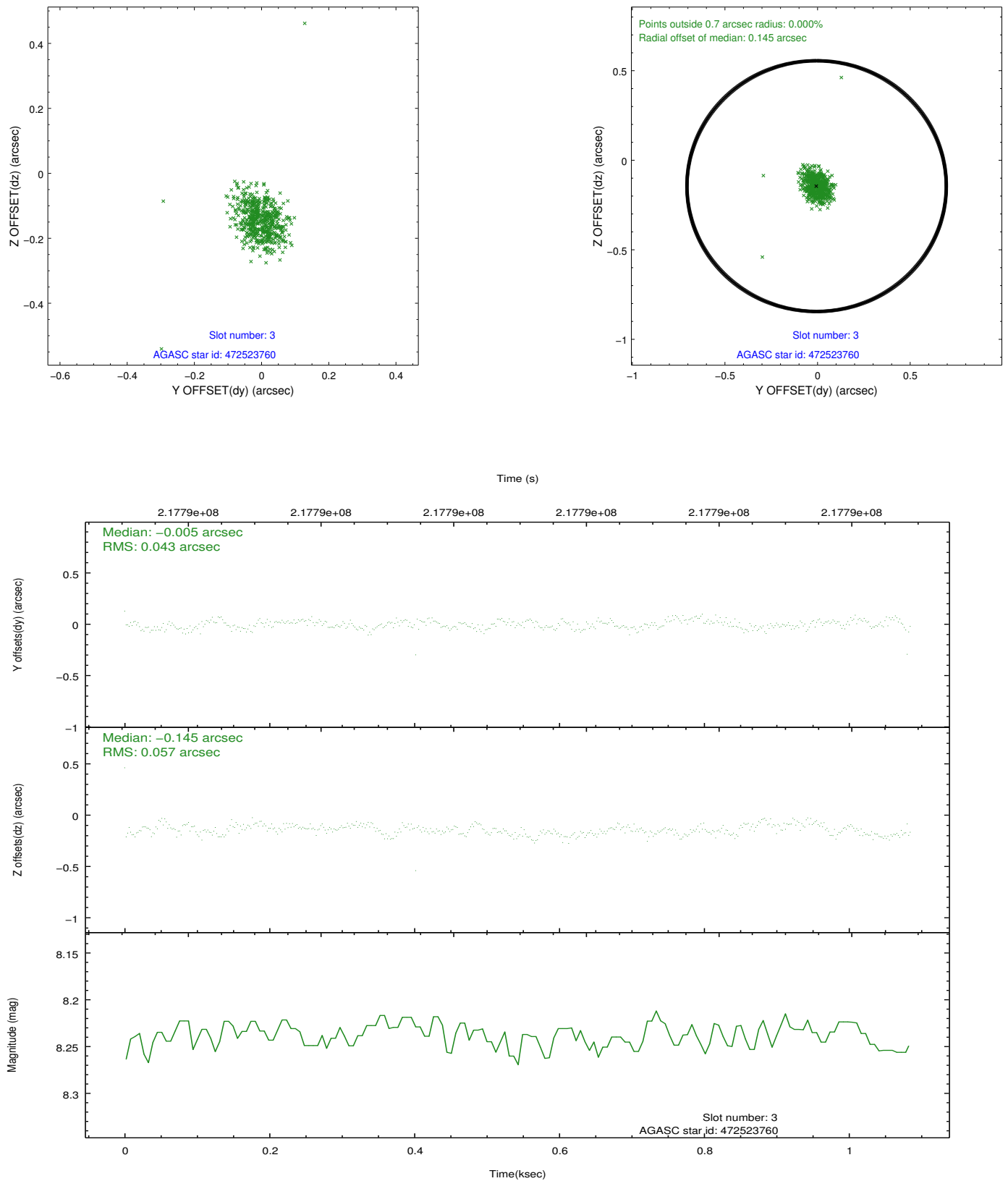


Slot Statistics

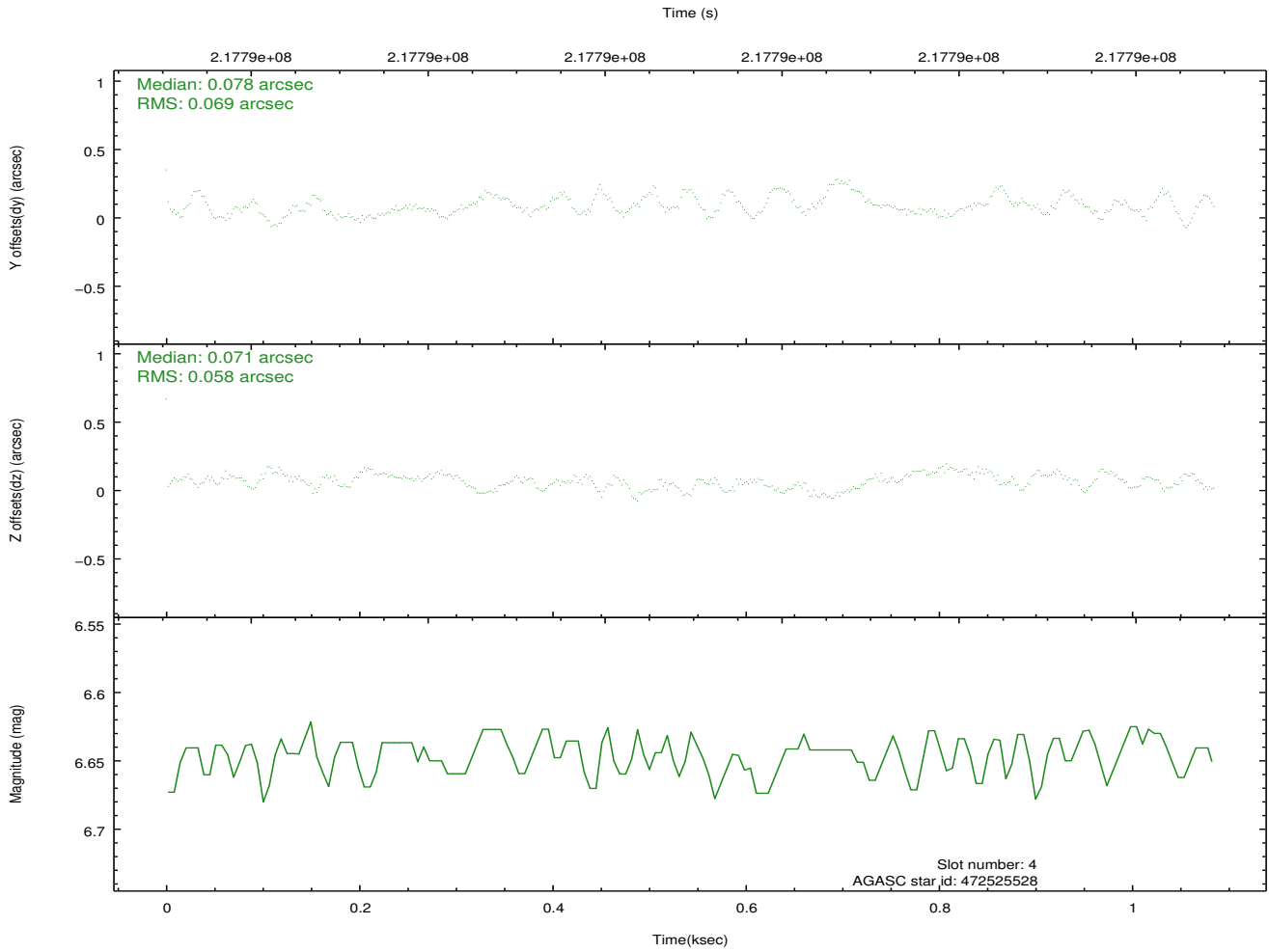
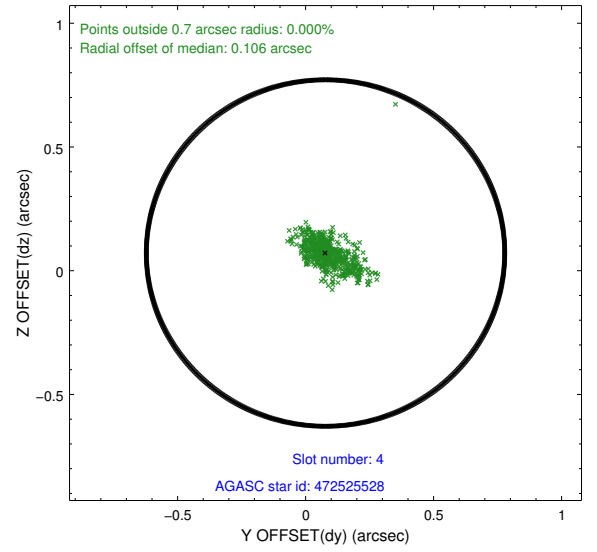
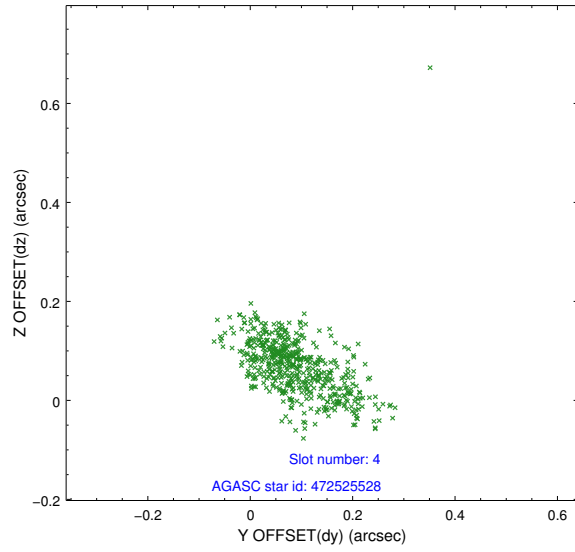
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	265	0.004	0.022	0.006	0.011	0.000000	0.000000	-762.88	-1295.28
1	FID	HRC-I-2	7.05	265	0.132	-0.106	0.005	0.010	0.000000	0.000000	847.00	-1301.87
2	FID	HRC-I-3	7.10	265	-0.017	-0.006	0.005	0.011	0.000000	0.000000	-1188.17	1004.35
3	GUIDE	472523760	8.24	530	-0.005	-0.145	0.066	0.107	331.645363	45.403260	912.62	-1771.35
4	GUIDE	472525528	6.65	530	0.078	0.071	0.087	0.156	331.551102	45.248694	1390.11	-2149.00
5	GUIDE	472659832	9.46	529	-0.061	0.070	0.106	0.187	332.780399	46.098139	-788.60	1613.64
6	GUIDE	472533912	9.15	530	-0.092	0.028	0.096	0.152	331.791136	46.368695	-2353.24	-519.92
7	GUIDE	472655152	9.43	525	0.067	-0.003	0.107	0.179	332.504239	45.862991	-145.31	738.45

2.4 Star Slots

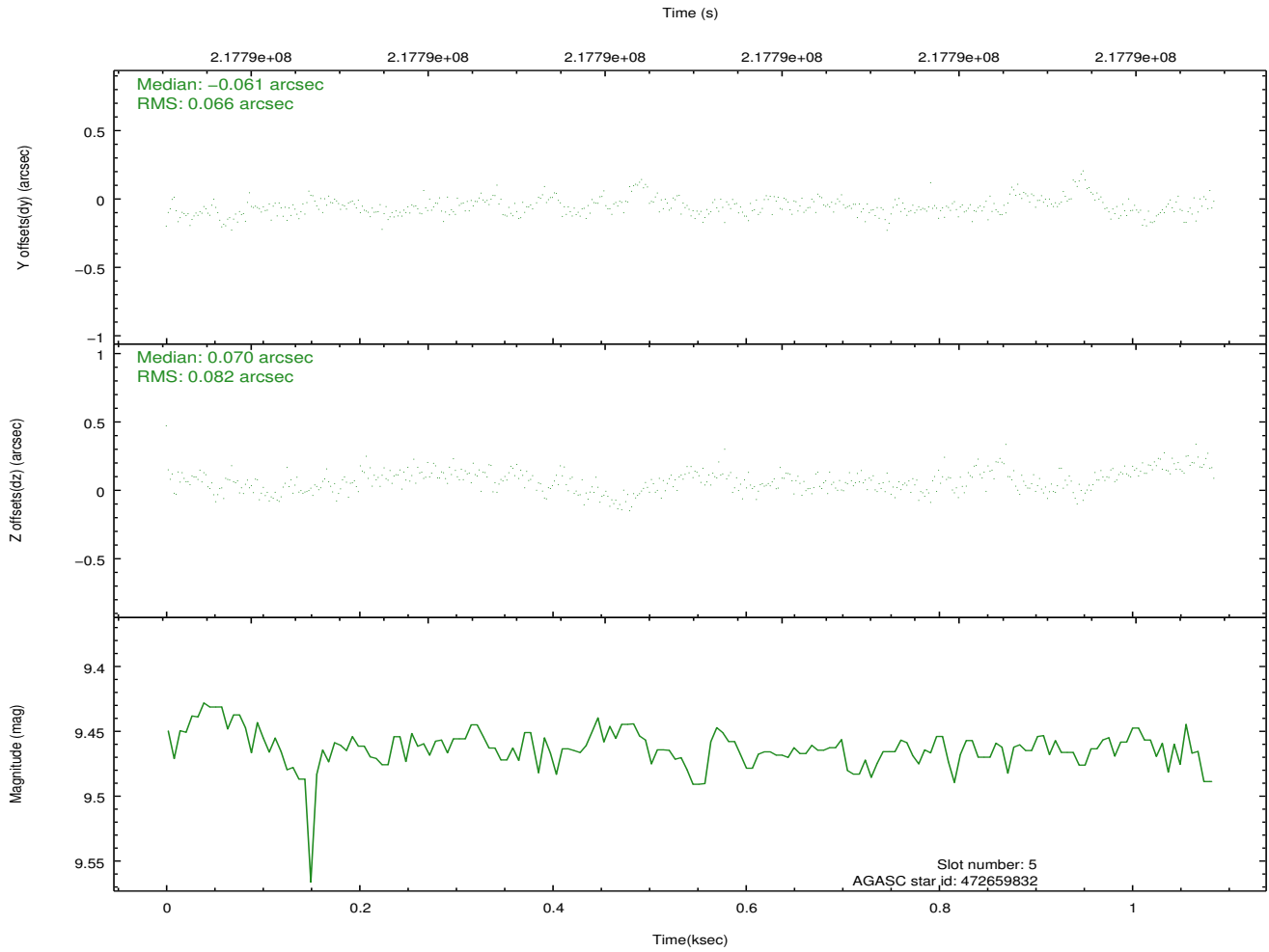
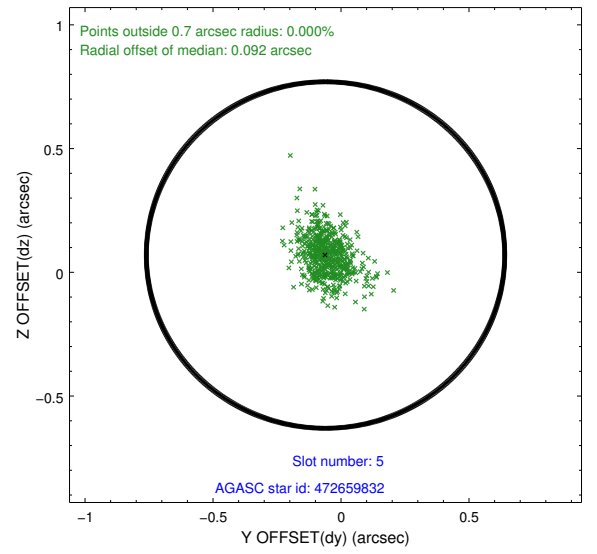
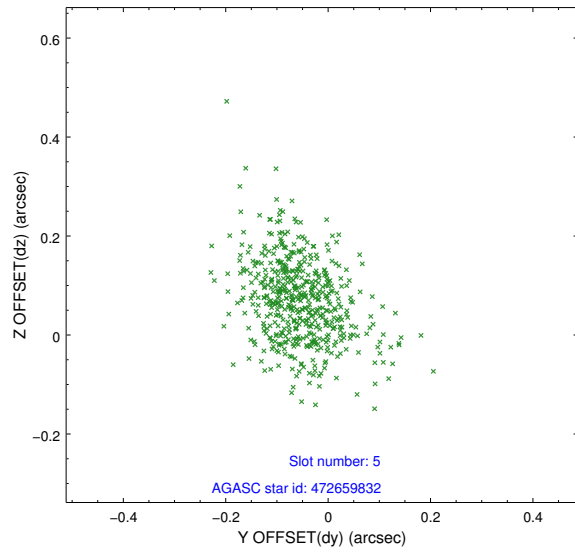
2.4.1 Slot 3



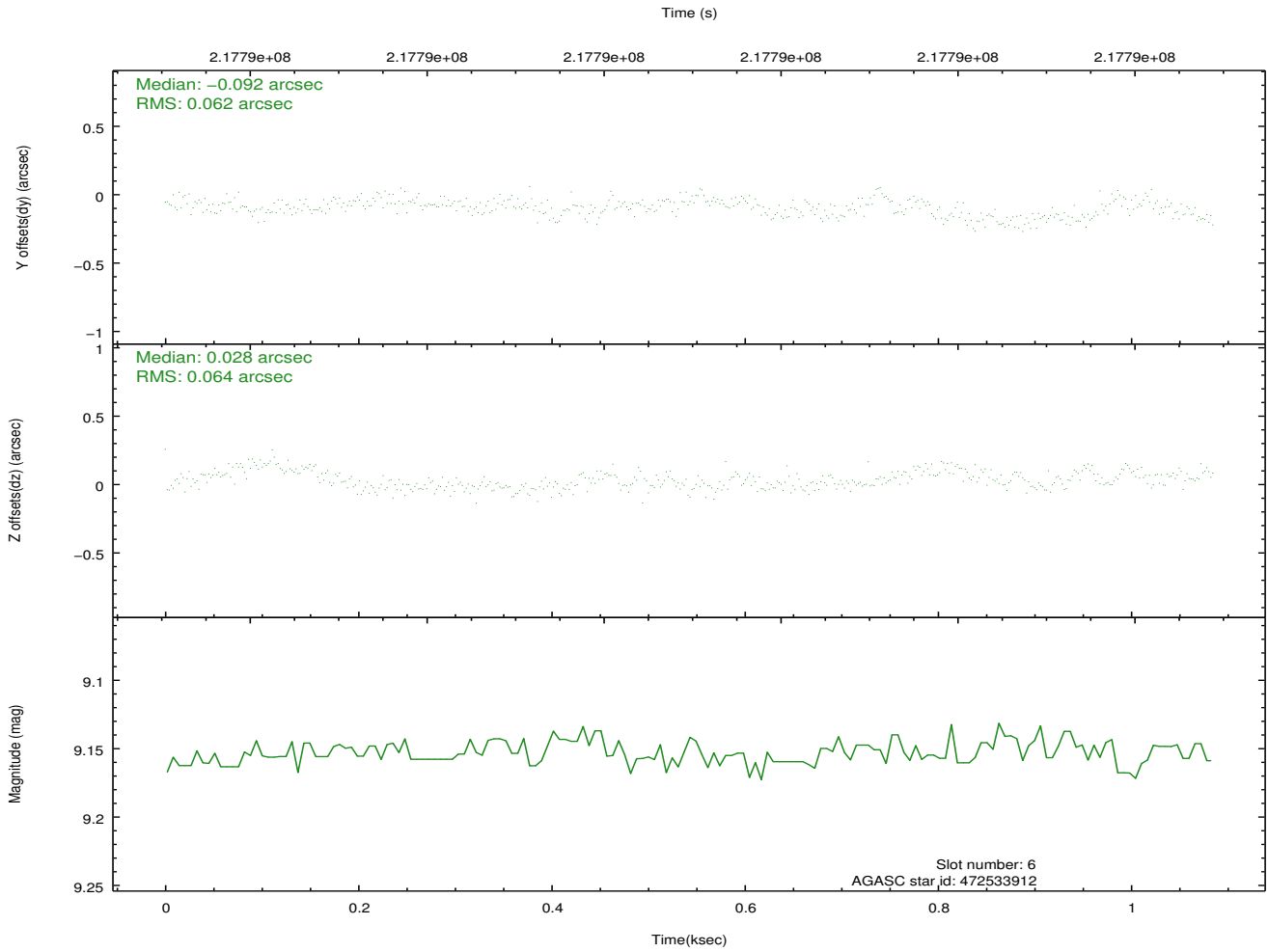
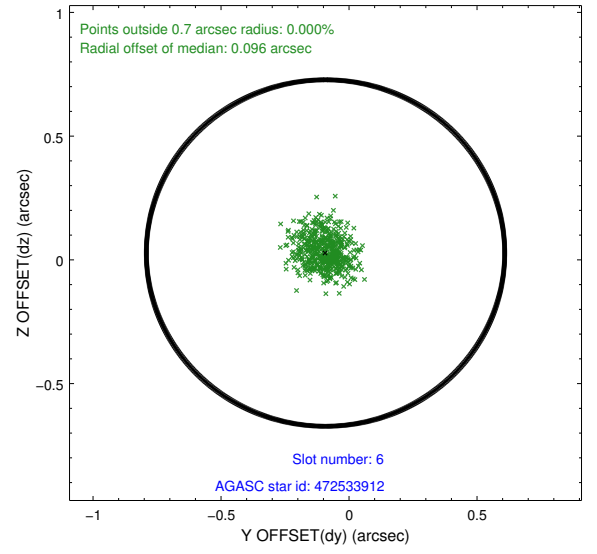
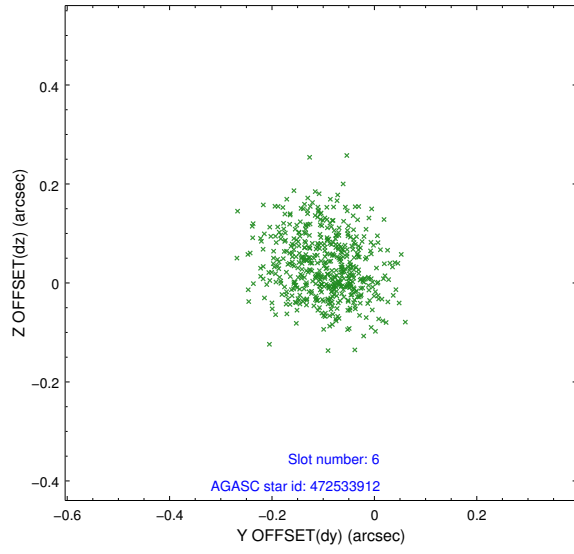
2.4.2 Slot 4



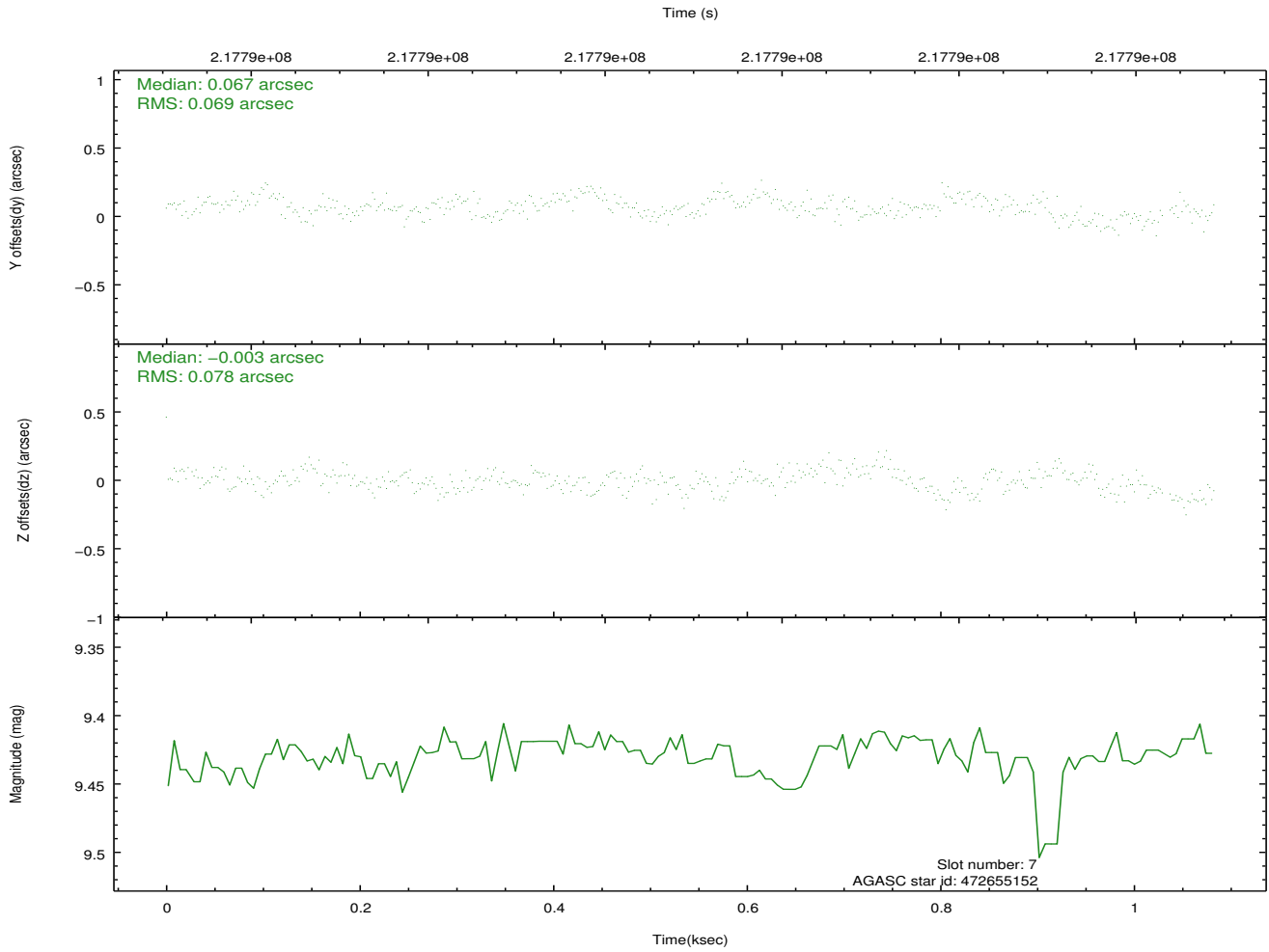
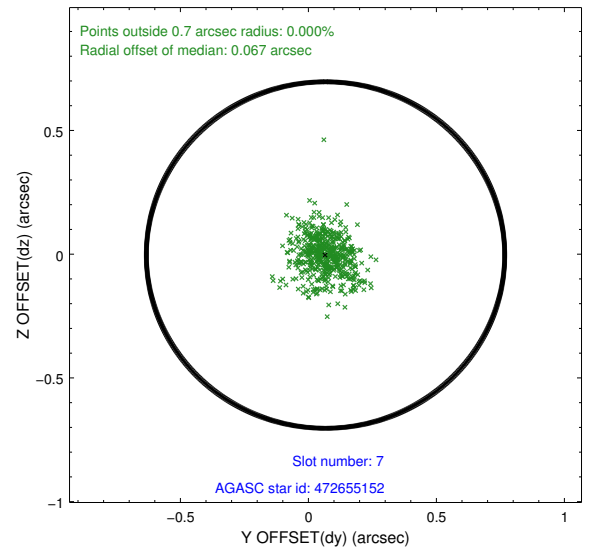
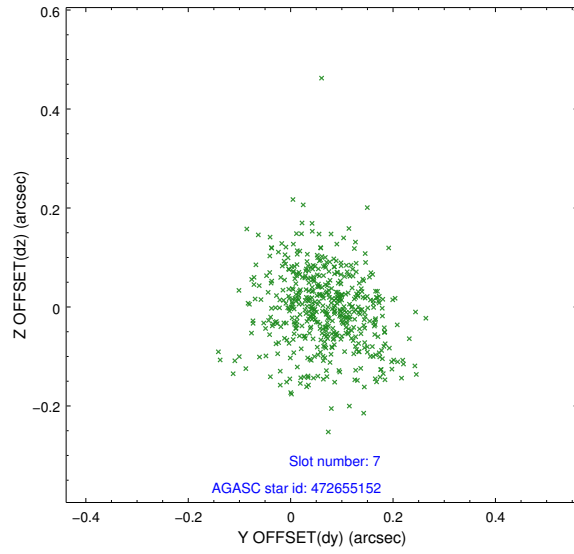
2.4.3 Slot 5



2.4.4 Slot 6

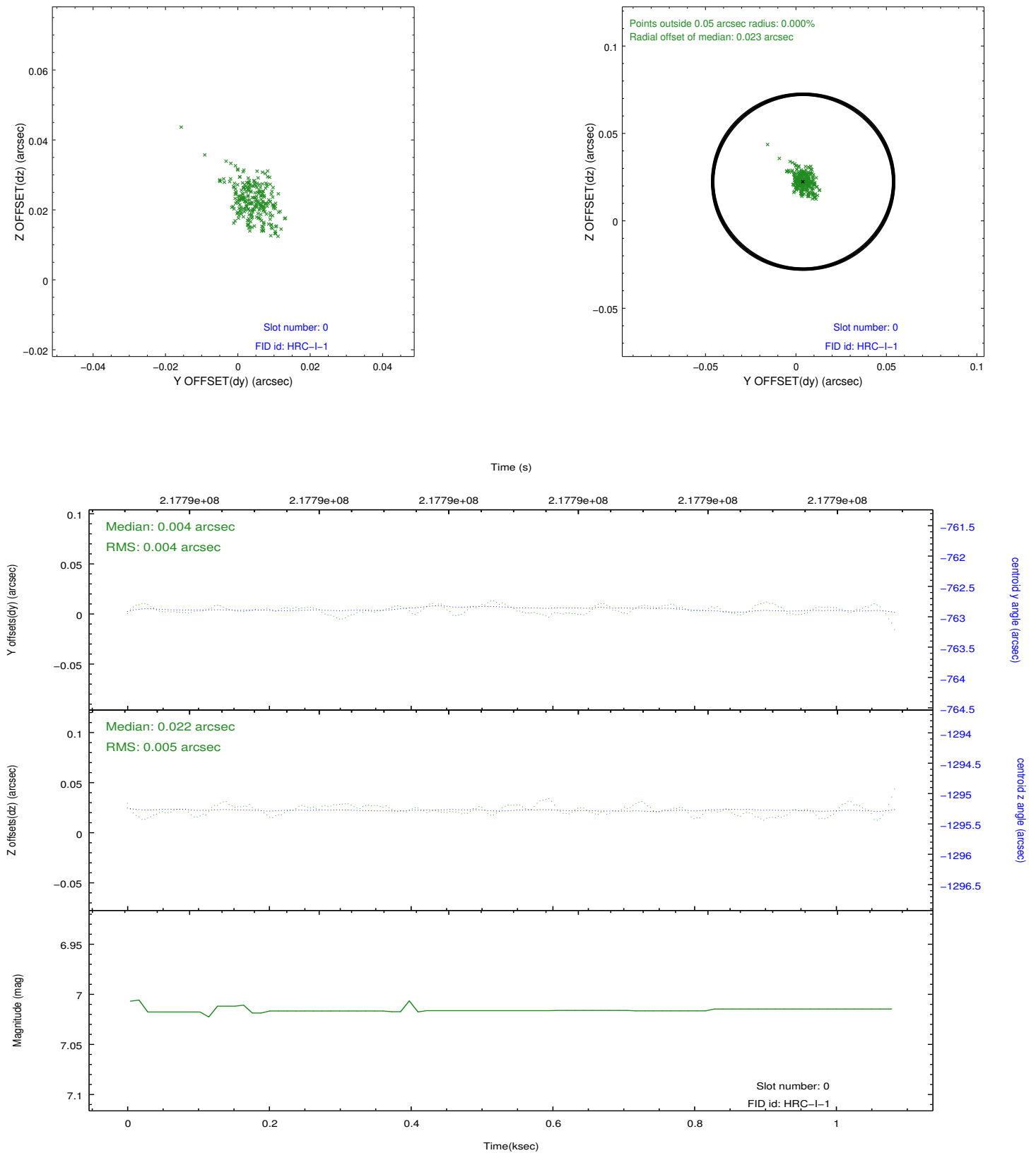


2.4.5 Slot 7

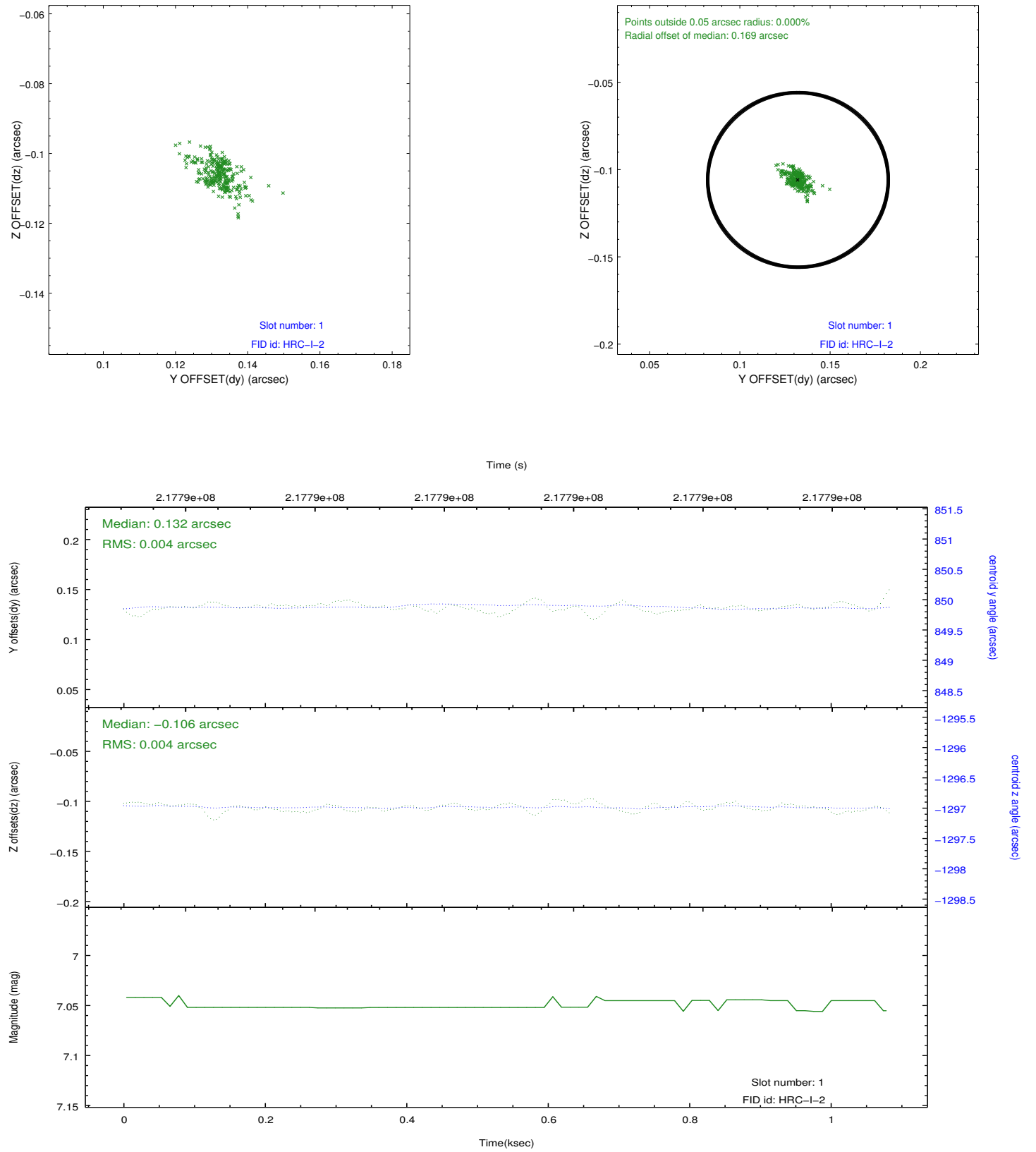


2.5 FID Slots

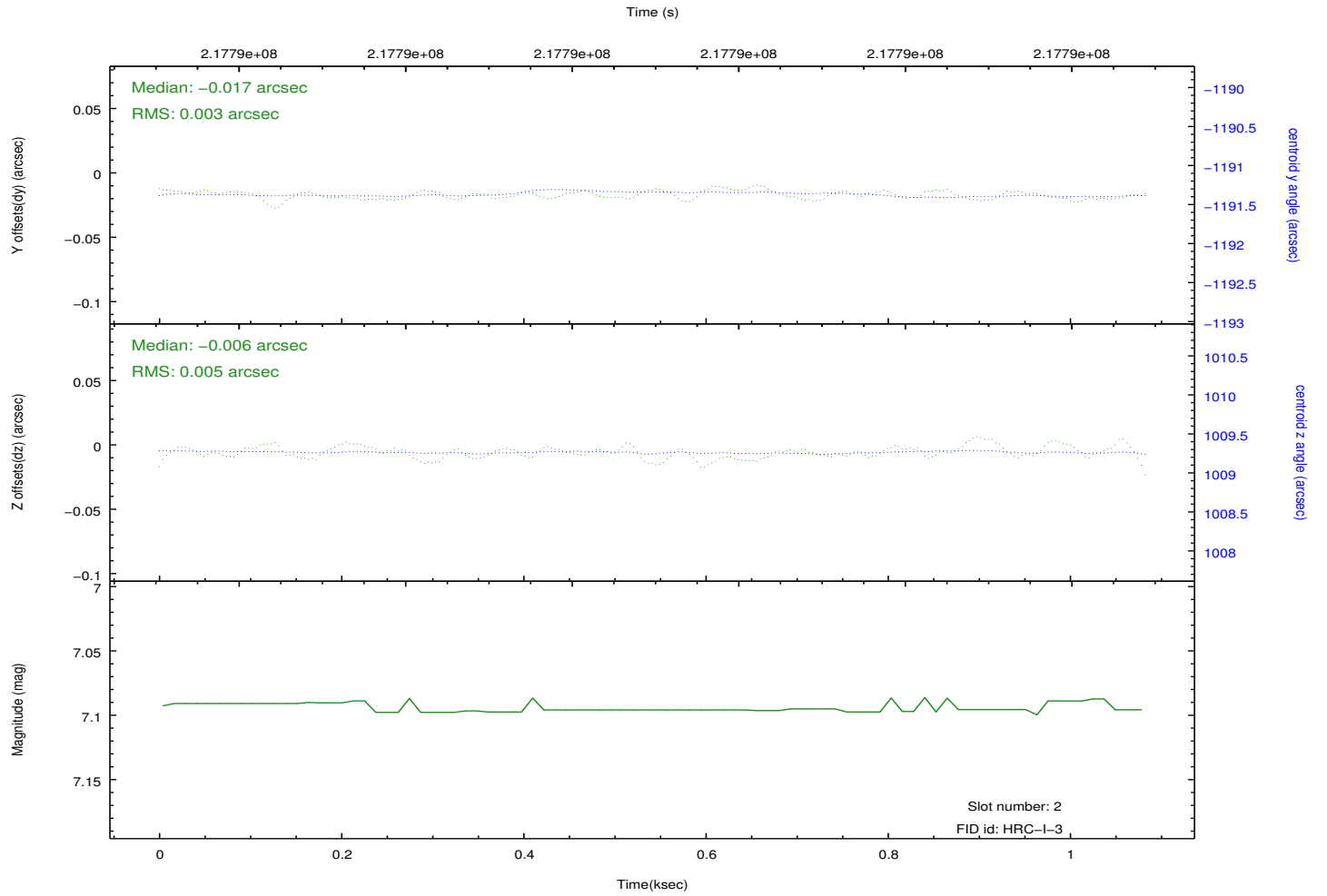
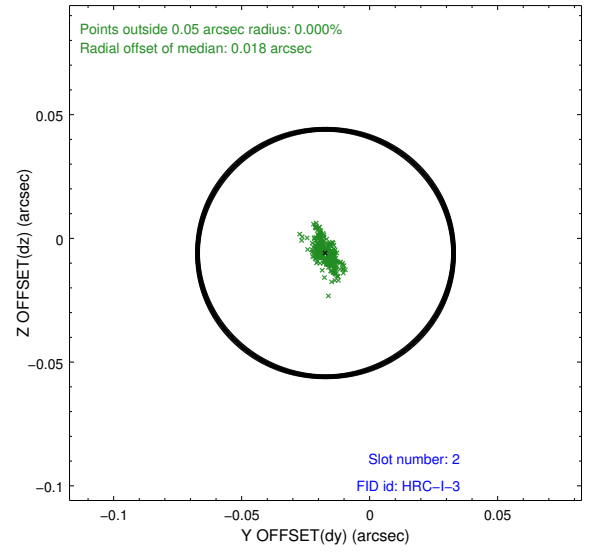
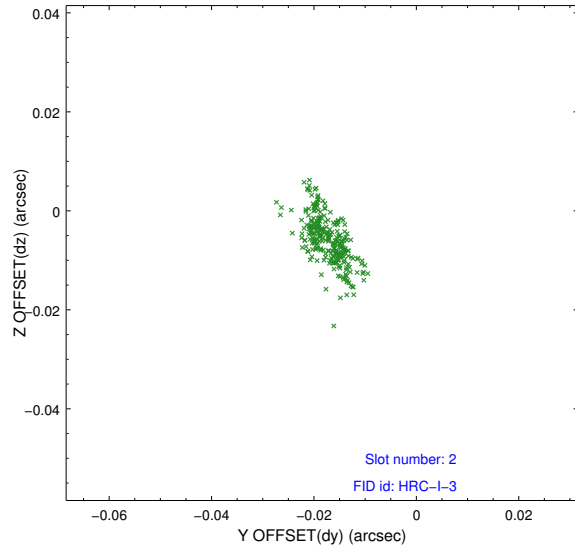
2.5.1 Slot 0



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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.083681

A.2 Comments