

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6527 - L2 Version 4
Chandra X-Ray Center

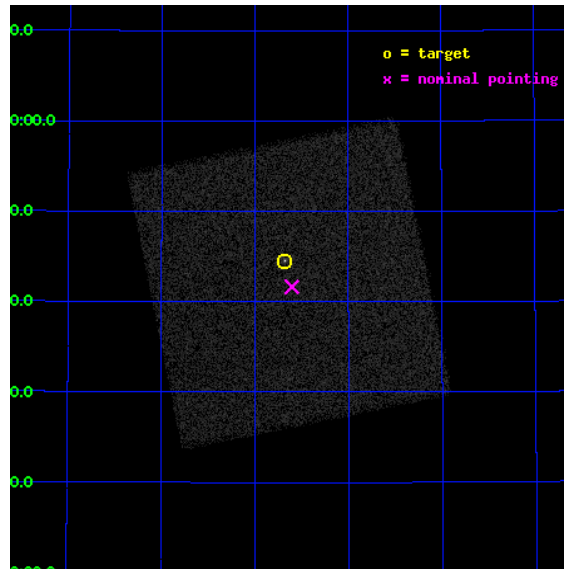
L2 Processing Date : Aug 11 2012

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1 Front

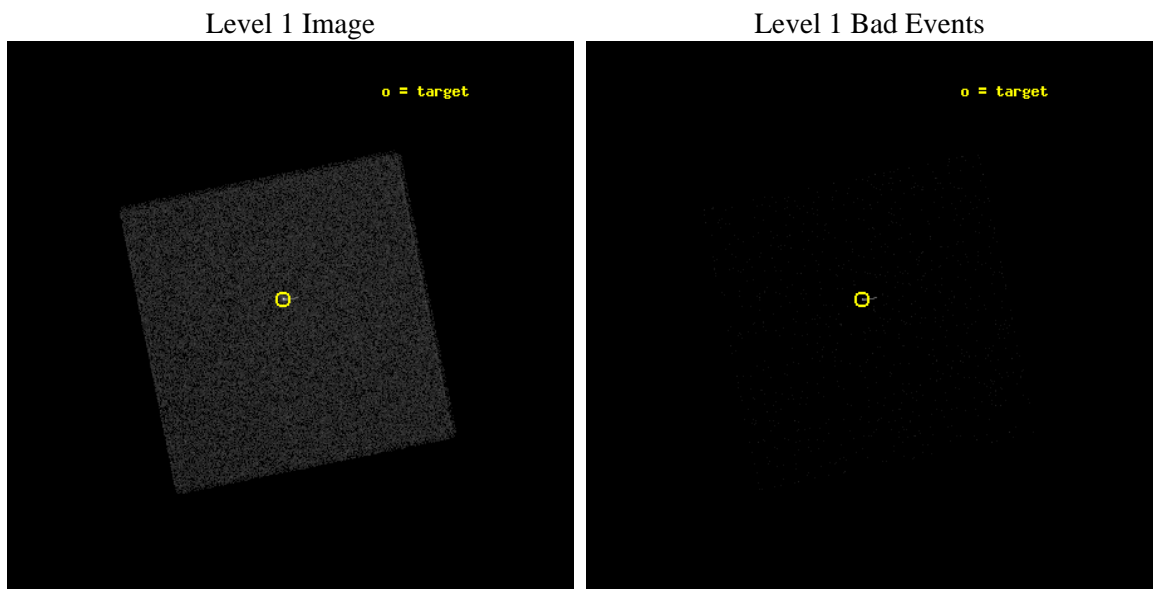
seq_num	290620	Sequence number
obs_id	6527	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15099020043	Nominal RA [deg]
dec_nom	45.69444089021	Nominal Dec [deg]
roll_nom	213.49241707217	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1175.9313051701	[s]
livetime	1165.0465153837	Ontime multiplied by DTCOR
l2events	63632	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	1175.9313051701	[s]
caldbver	4.5.1.1	 	l1events	118310	Number of level 1 events
date	2012-08-11T12:52:22	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

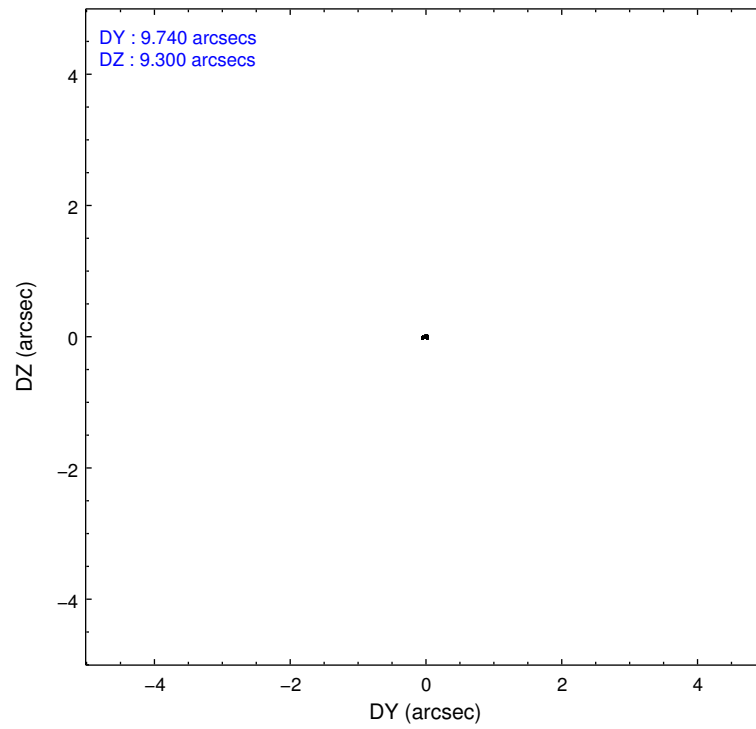
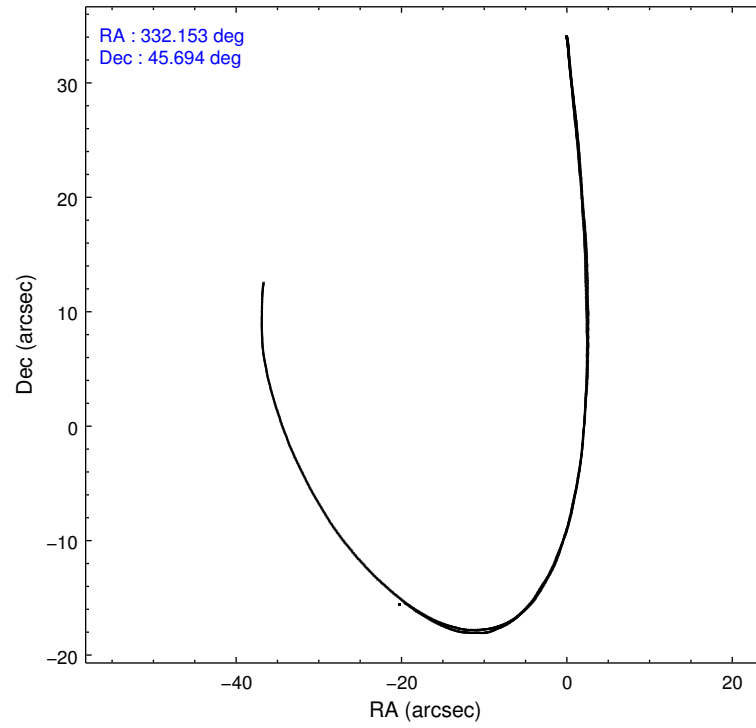
Level 1 Events

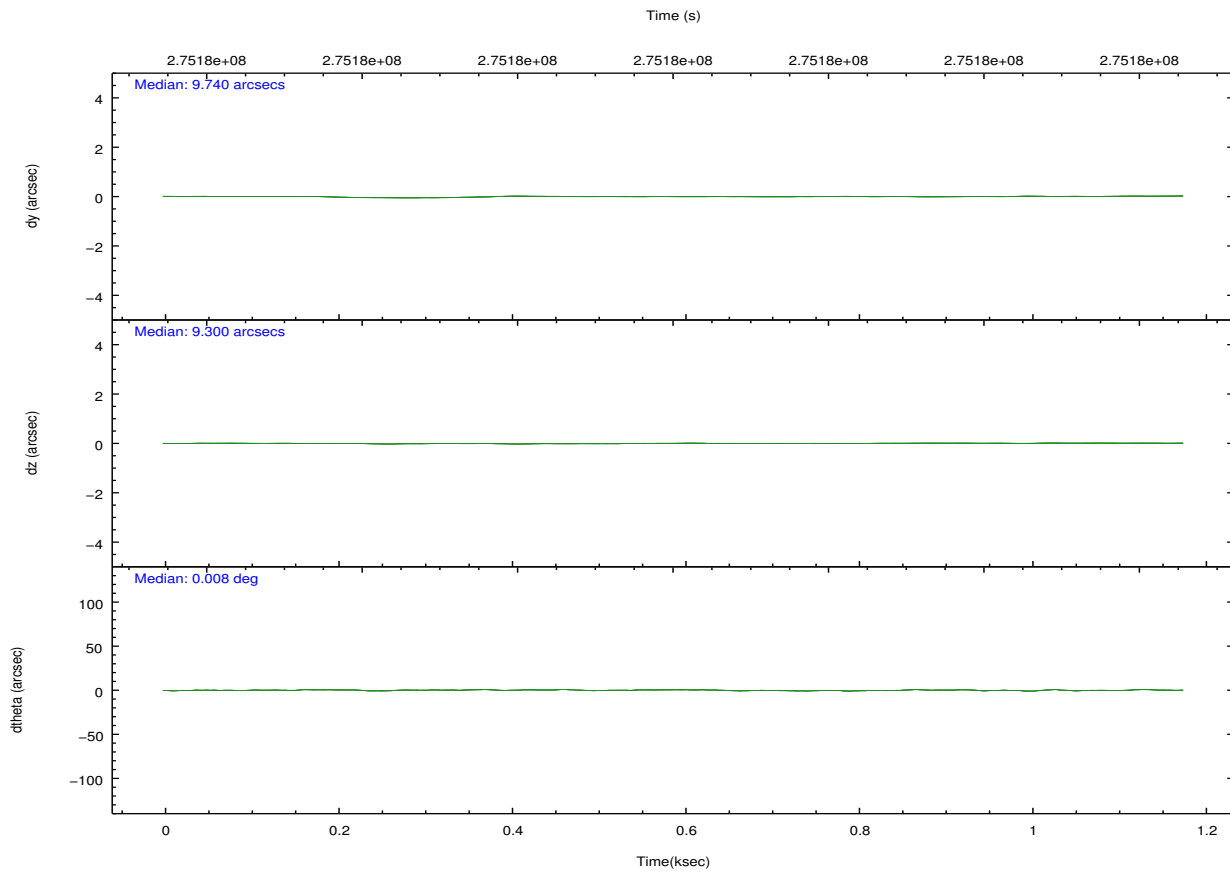
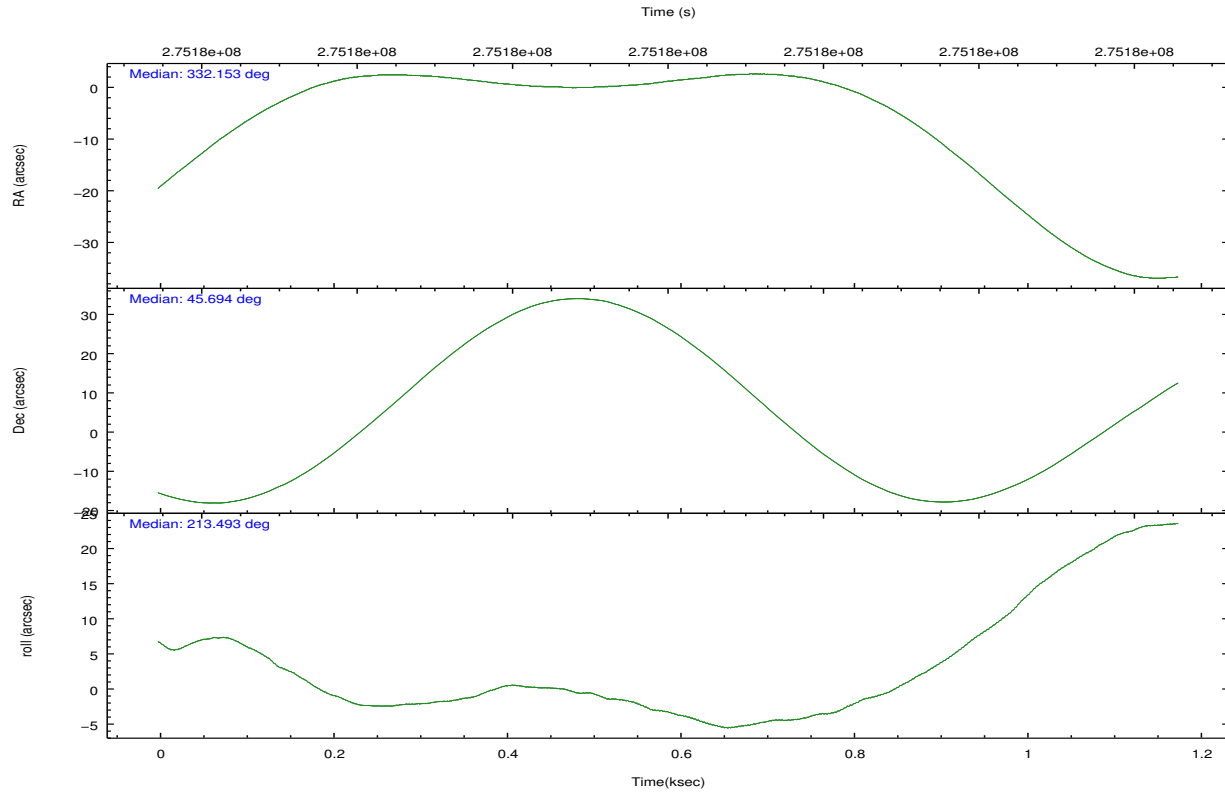
	segment 0
level 1 events	118310
rejected events	26101
rejected %	22%

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	332.167279	332.1509902004327			
[deg] Pointing Dec	45.719848	45.69444089020961			
[deg] Pointing Roll	213.576291	213.4924170721689			
[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)	275182382.184000	275182006.02641			
Observation start date	2006-09-20T23:31:57	2006-09-20T23:26:46			
[s] Observation end time (MET)	275183382.184000	275183515.85149			
Observation end date	2006-09-20T23:48:37	2006-09-20T23:51:55			

2.3 Aspect



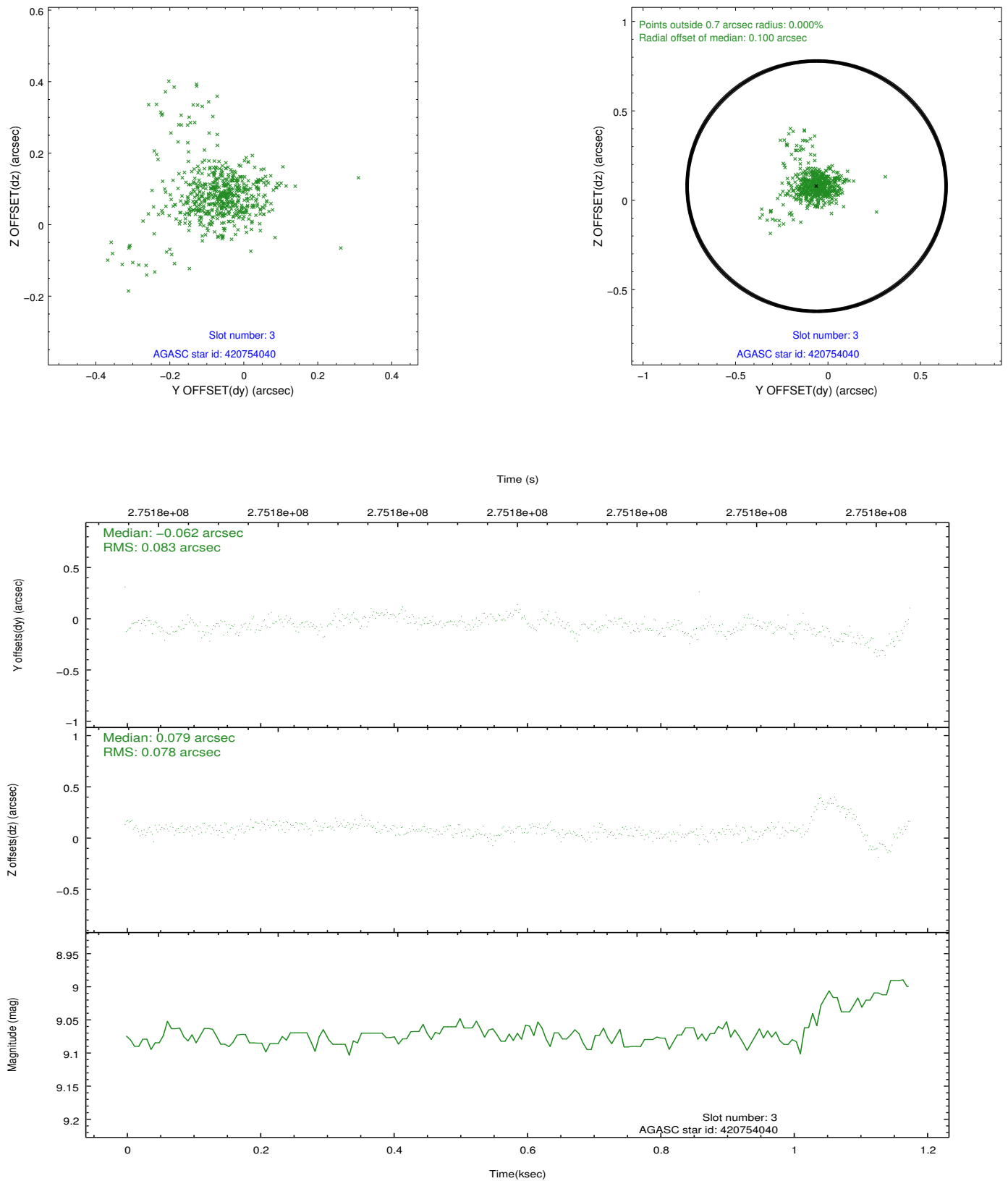


Slot Statistics

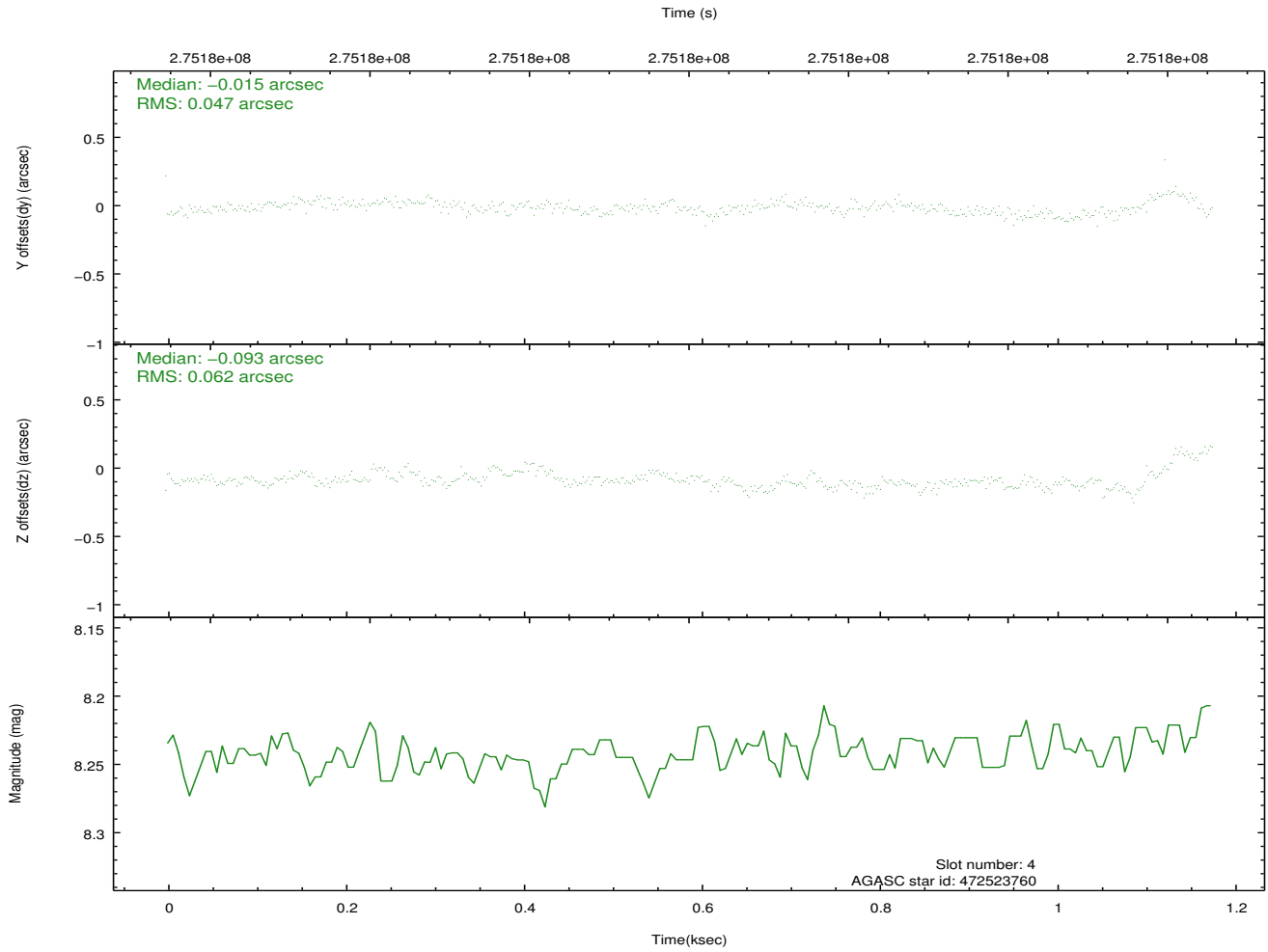
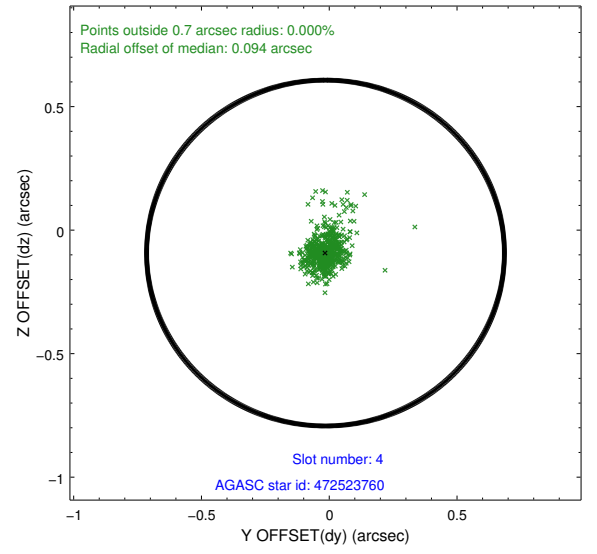
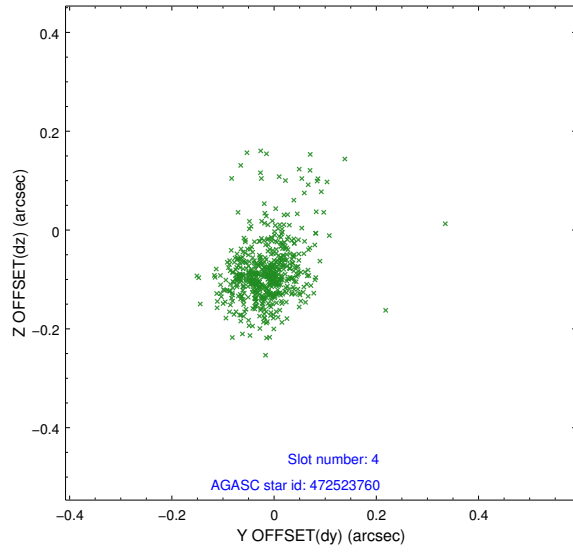
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	287	-0.016	0.046	0.007	0.012	0.000000	0.000000	-765.40	-1297.17
1	FID	HRC-I-2	7.01	287	0.133	-0.090	0.005	0.010	0.000000	0.000000	844.71	-1303.39
2	FID	HRC-I-3	7.06	287	0.001	-0.045	0.006	0.011	0.000000	0.000000	-1190.94	1002.75
3	GUIDE	420754040	9.07	574	-0.062	0.079	0.099	0.263	331.917939	44.882543	2194.70	2156.28
4	GUIDE	472523760	8.24	575	-0.015	-0.093	0.071	0.142	331.645363	45.403260	1729.91	217.21
5	GUIDE	472655152	9.43	575	0.017	-0.196	0.121	0.206	332.504239	45.862991	-987.75	33.86
6	GUIDE	472665256	9.01	575	0.120	0.026	0.089	0.157	332.808125	46.195041	-2282.77	-550.08
7	GUIDE	472659832	9.46	574	-0.057	0.186	0.147	0.259	332.780399	46.098139	-2036.61	-296.60

2.4 Star Slots

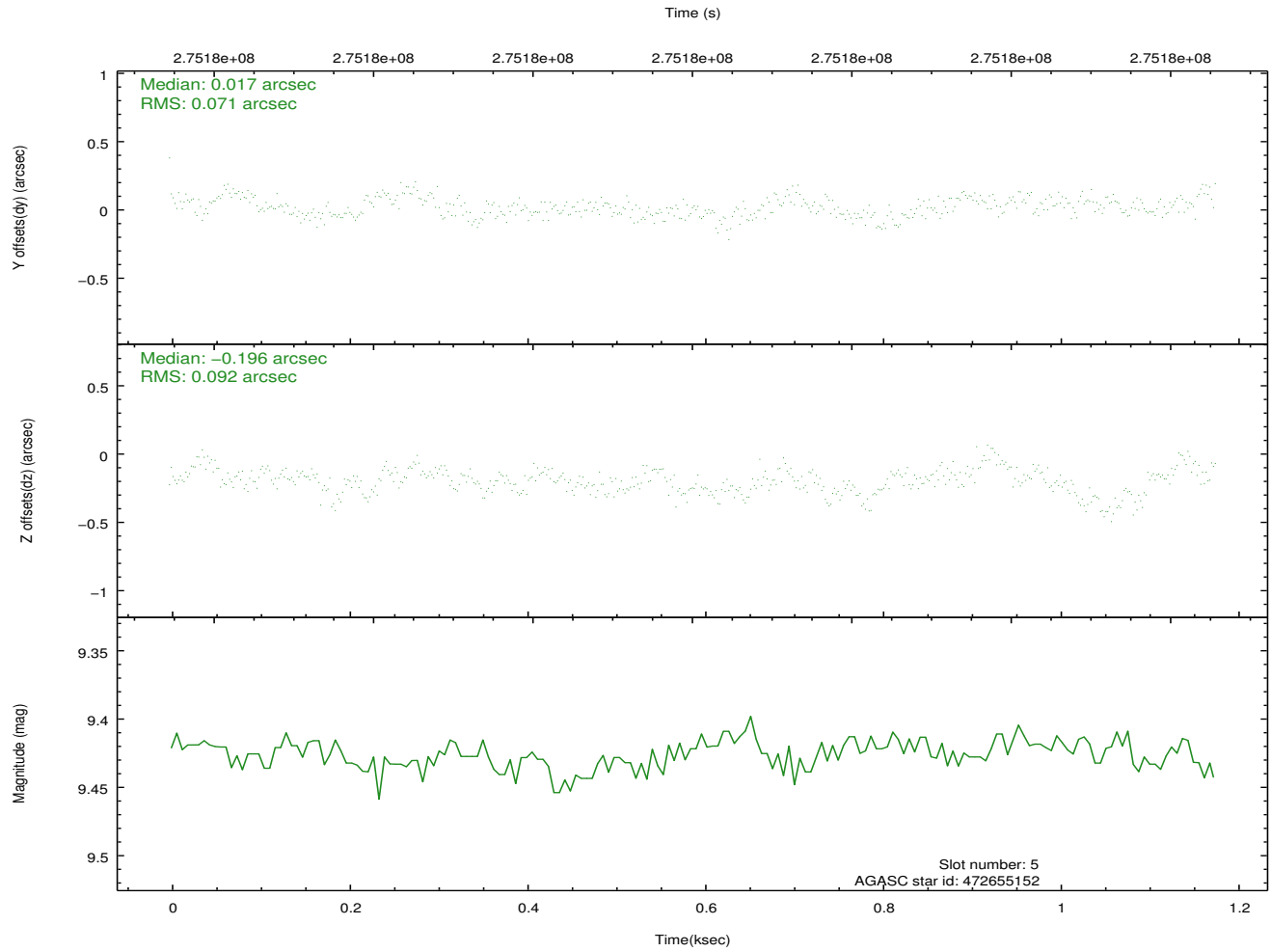
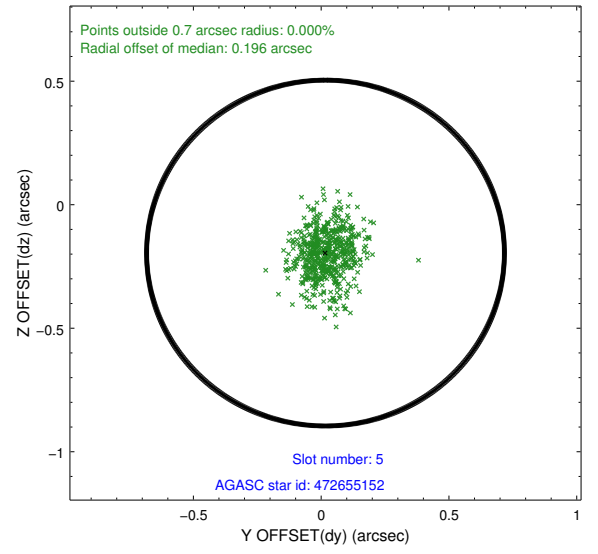
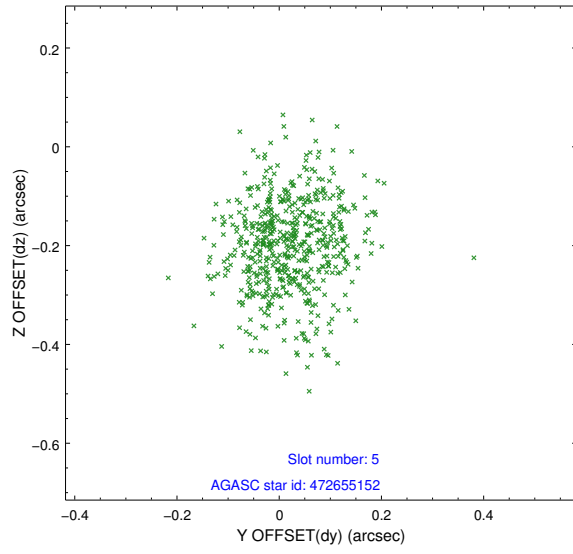
2.4.1 Slot 3



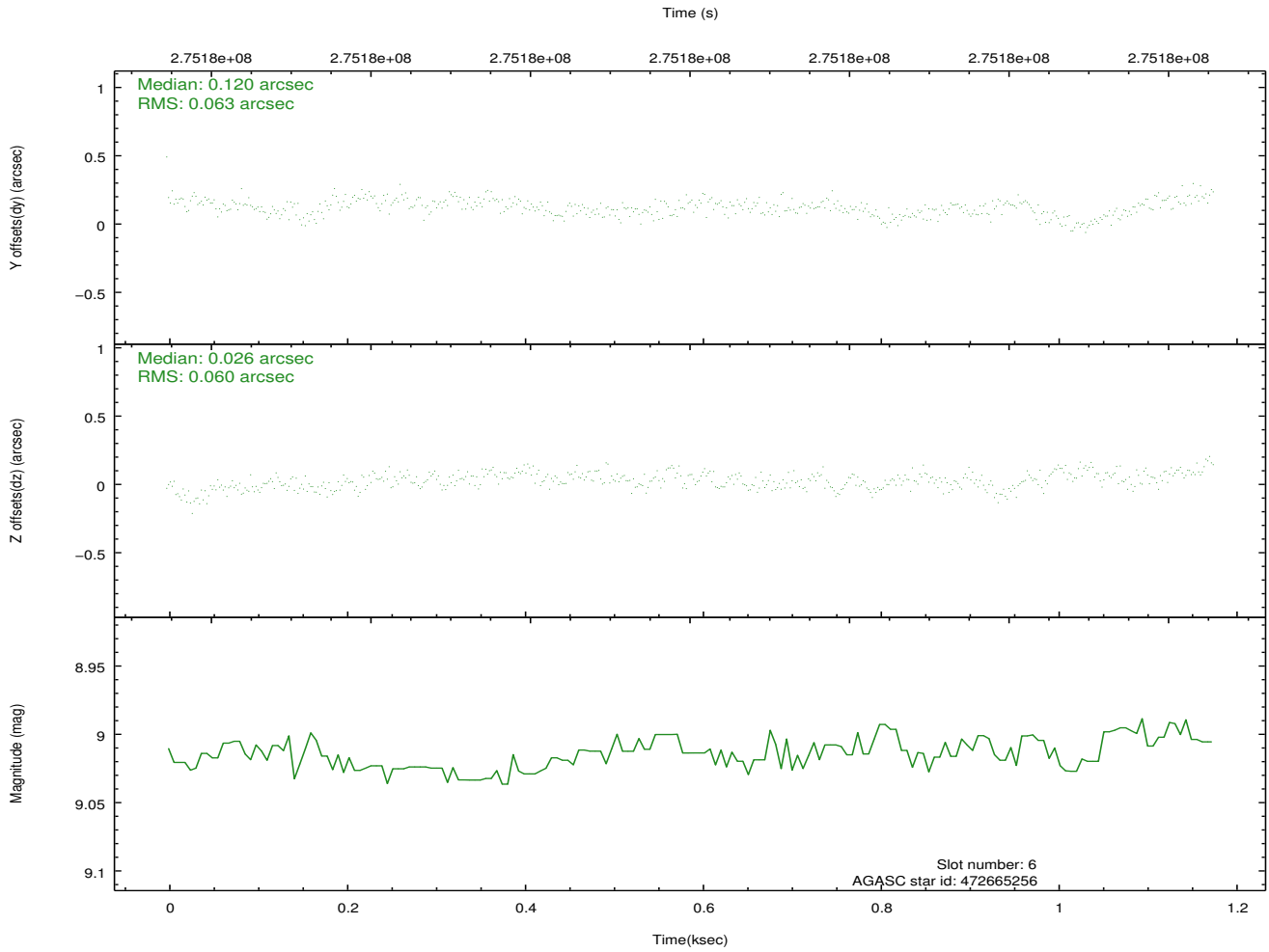
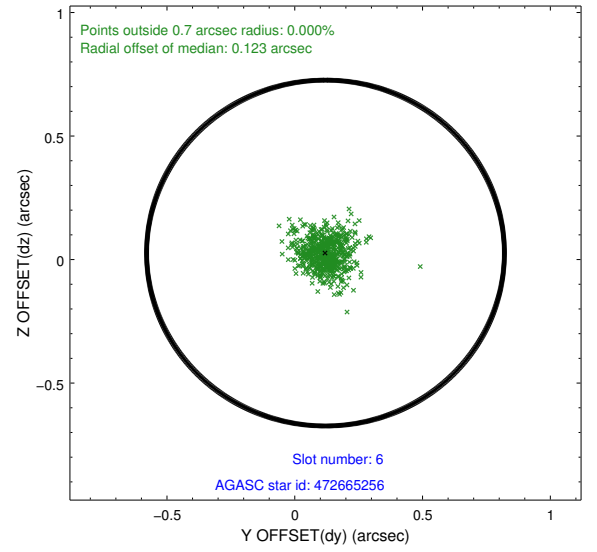
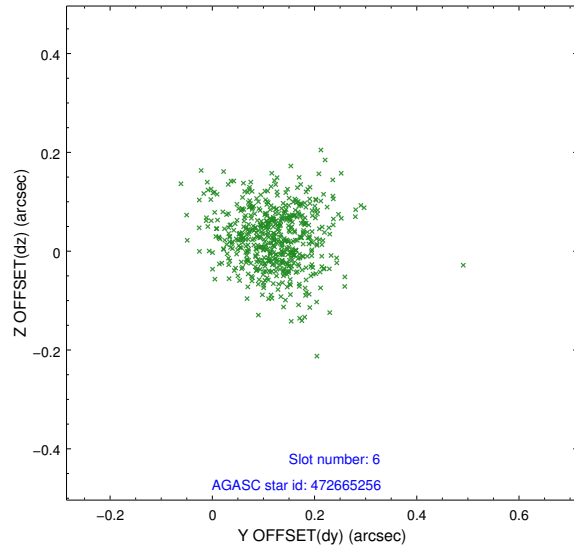
2.4.2 Slot 4



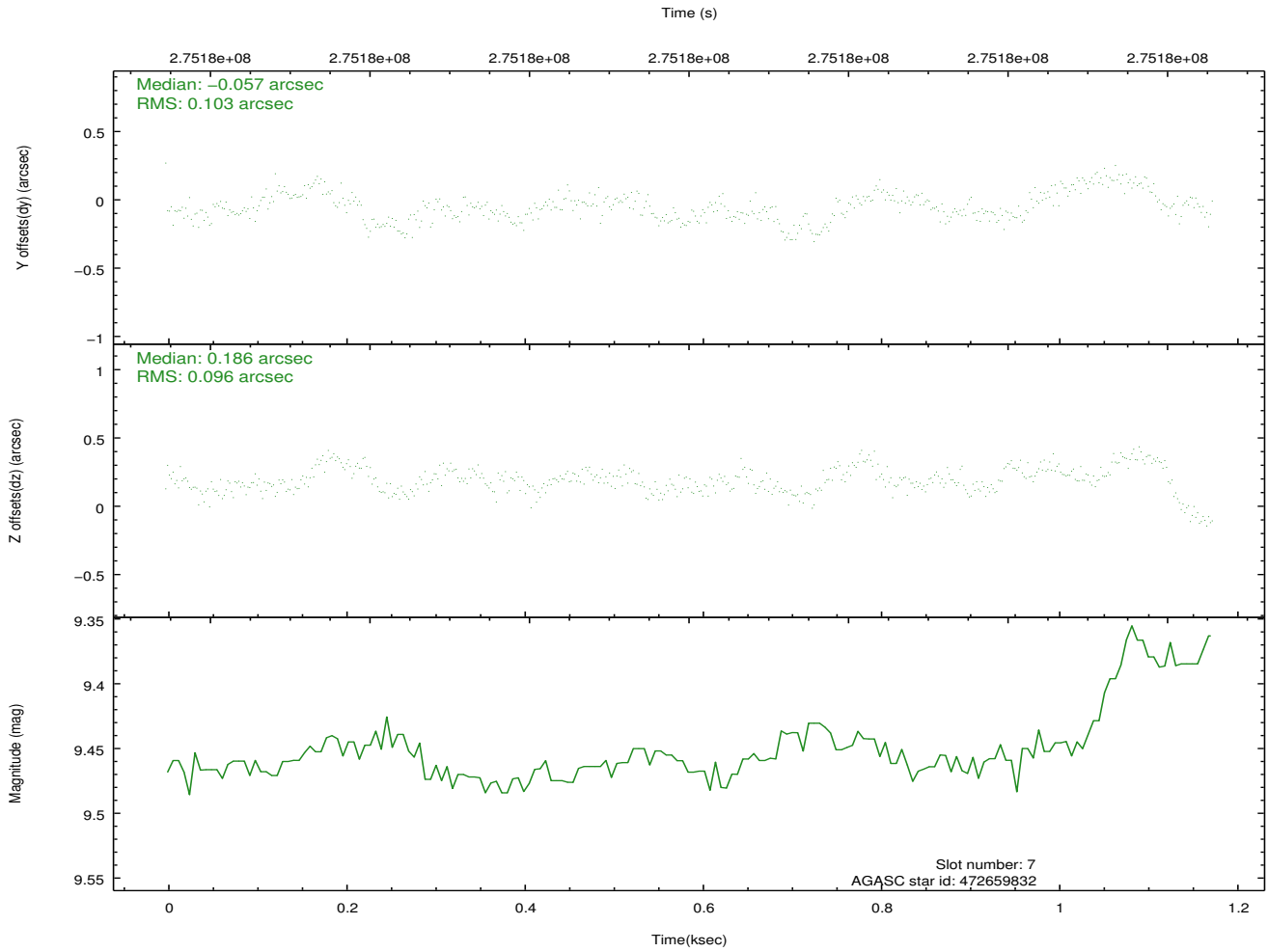
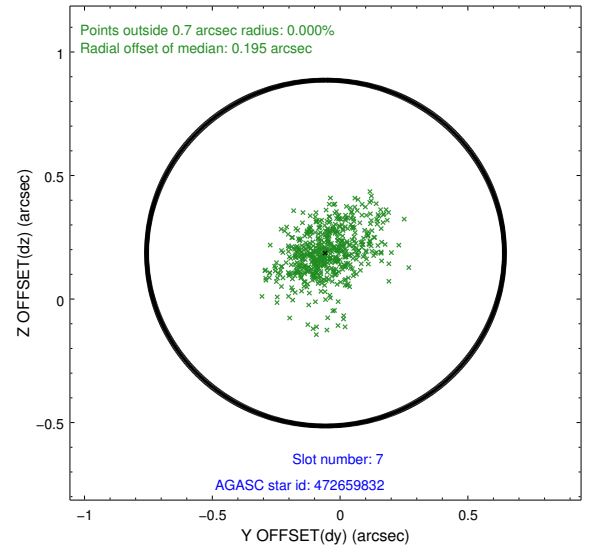
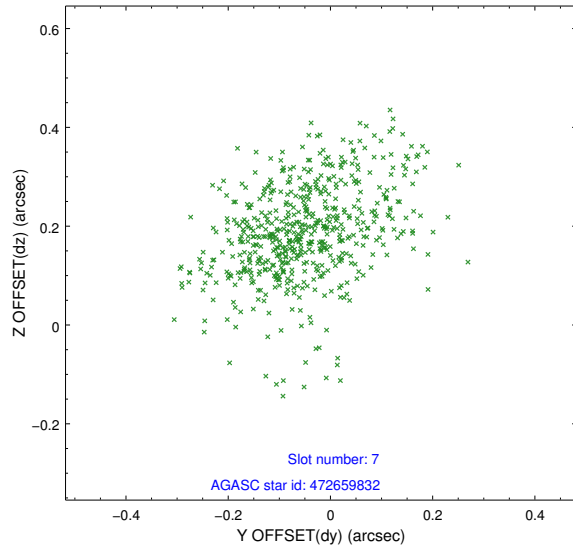
2.4.3 Slot 5



2.4.4 Slot 6

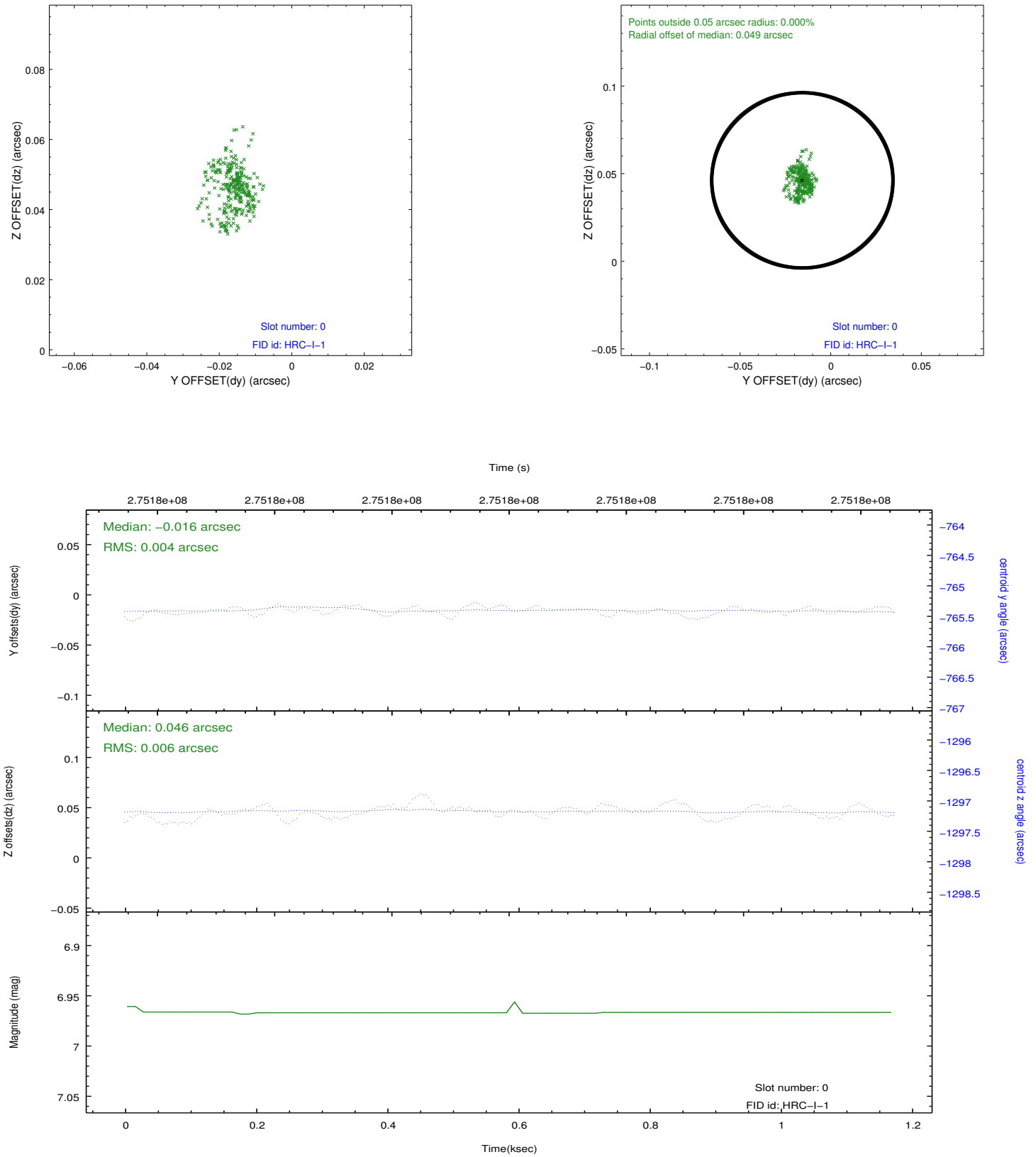


2.4.5 Slot 7

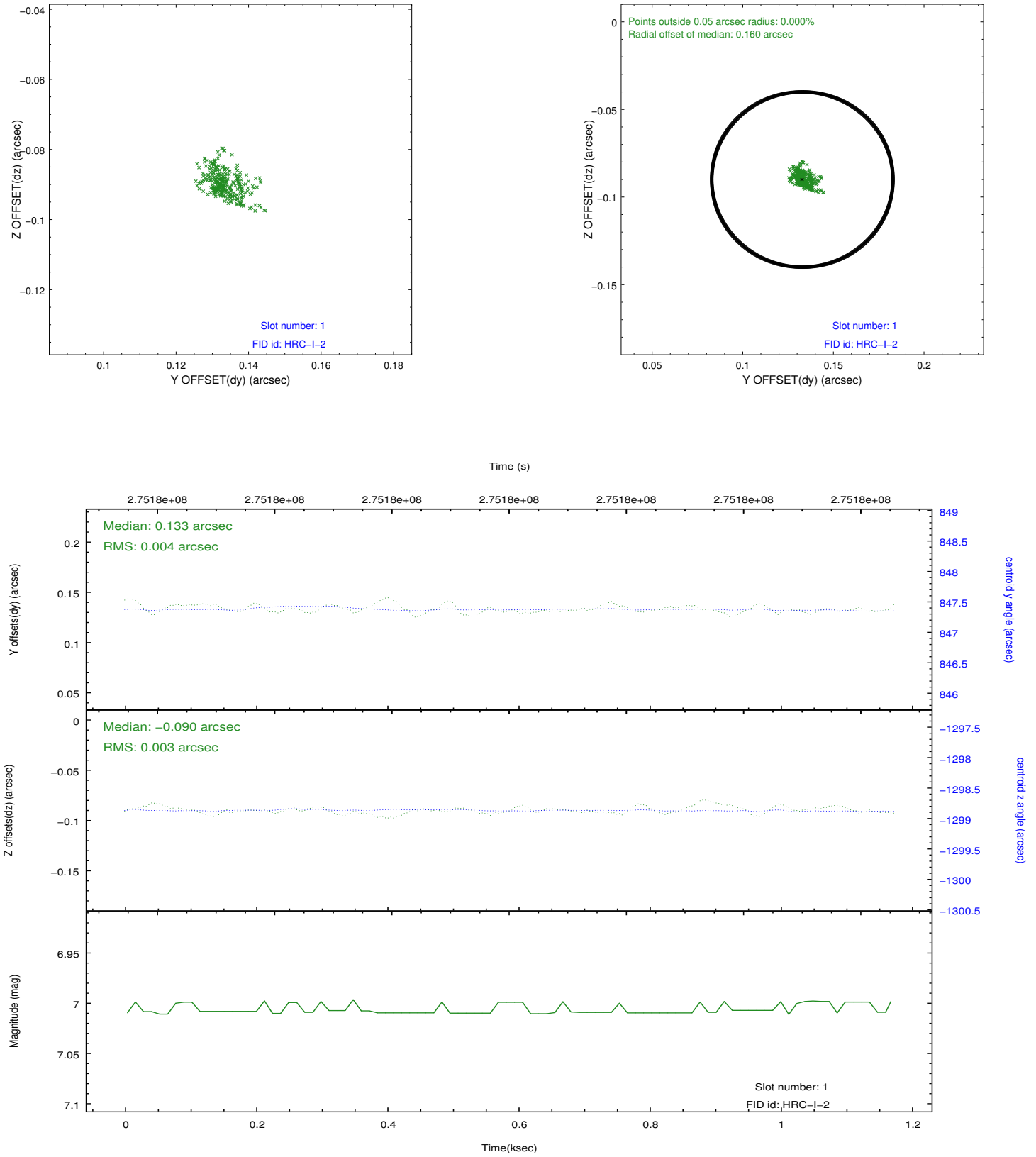


2.5 FID Slots

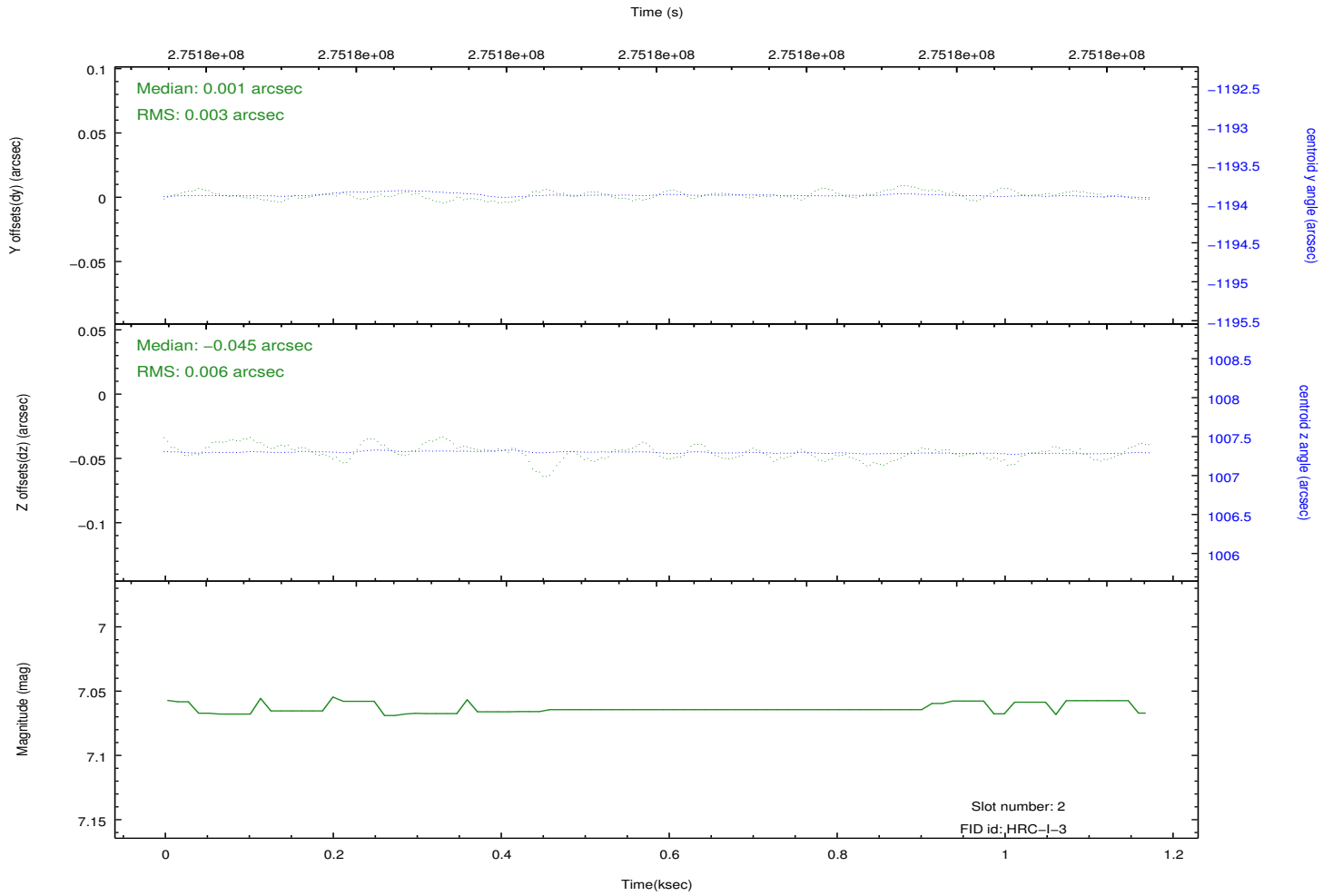
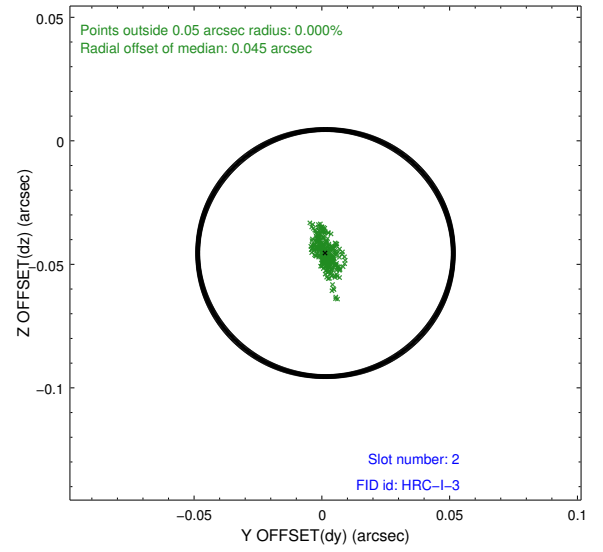
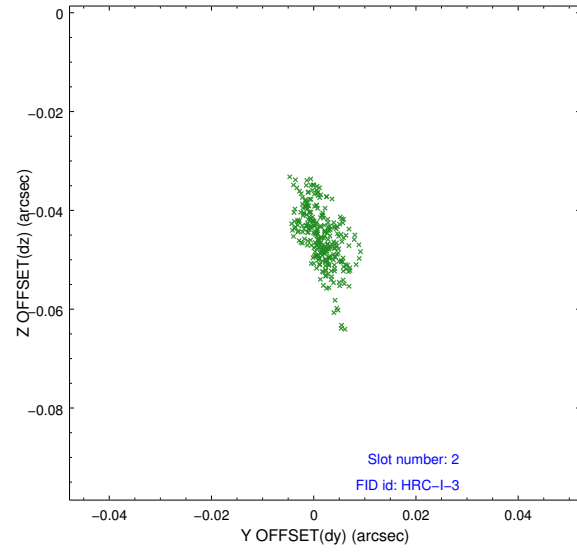
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1759313

A.2 Comments