

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6522 - L2 Version 4
Chandra X-Ray Center

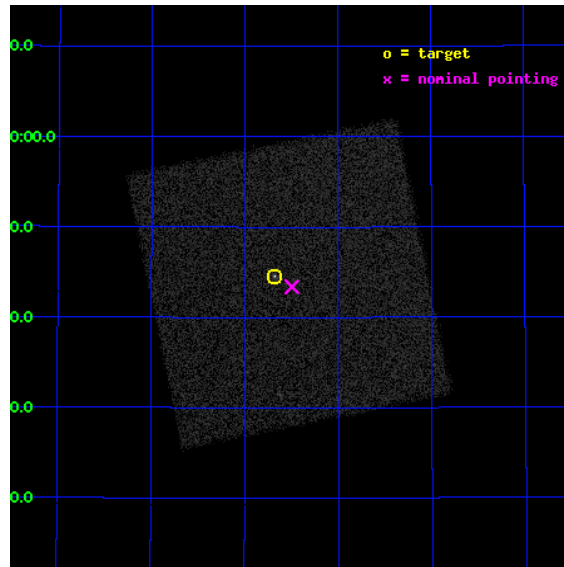
L2 Processing Date : Aug 11 2012

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1 Front

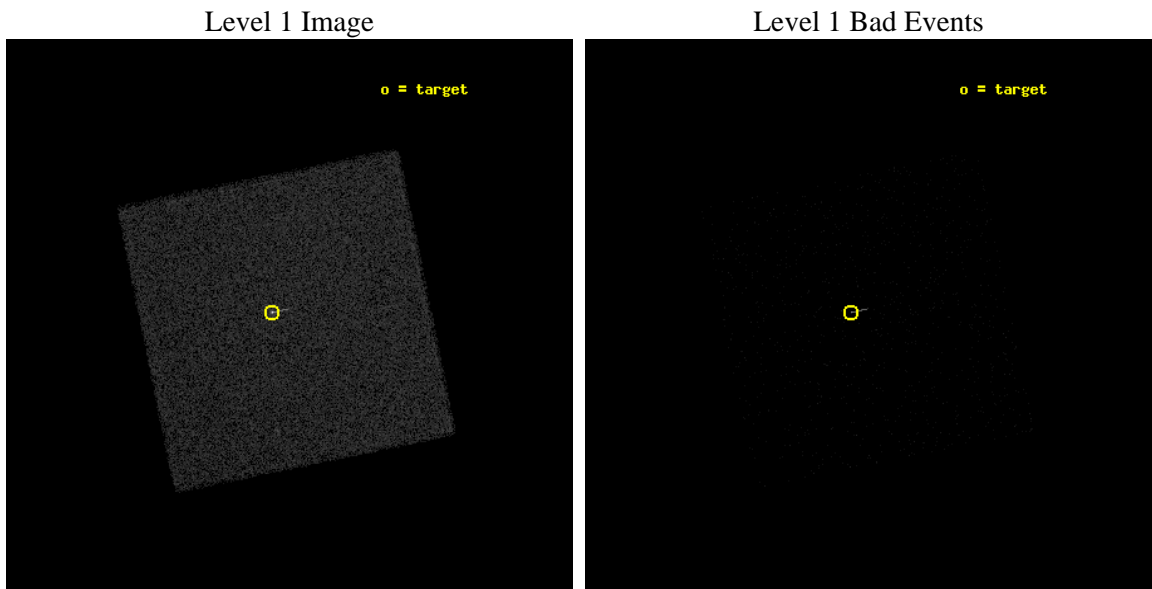
seq_num	290615	Sequence number
obs_id	6522	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12367865459	Nominal RA [deg]
dec_nom	45.723266886075	Nominal Dec [deg]
roll_nom	213.40702047326	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.1813057661	[s]
livetime	1175.191171599	Ontime multiplied by DTCOR
l2events	64013	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	1186.1813057661	[s]
caldsver	4.5.1.1	 	l1events	117861	Number of level 1 events
date	2012-08-11T11:06:02	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

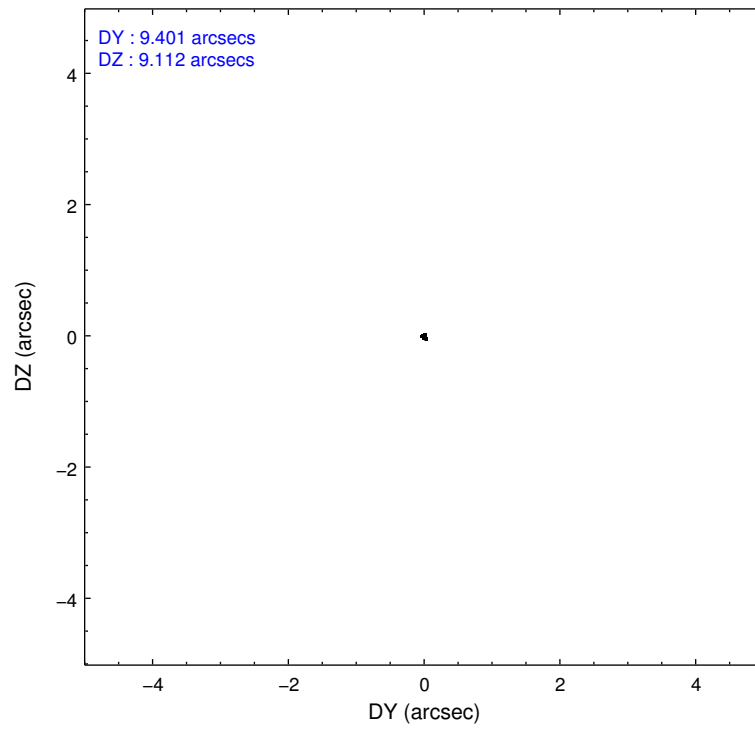
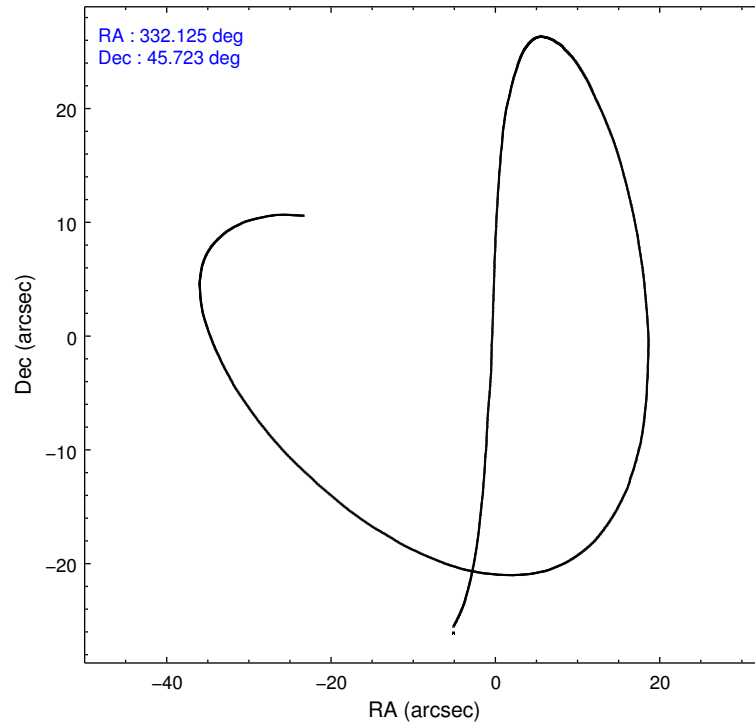
	segment 0
level 1 events	117861
rejected events	24931
rejected %	21%

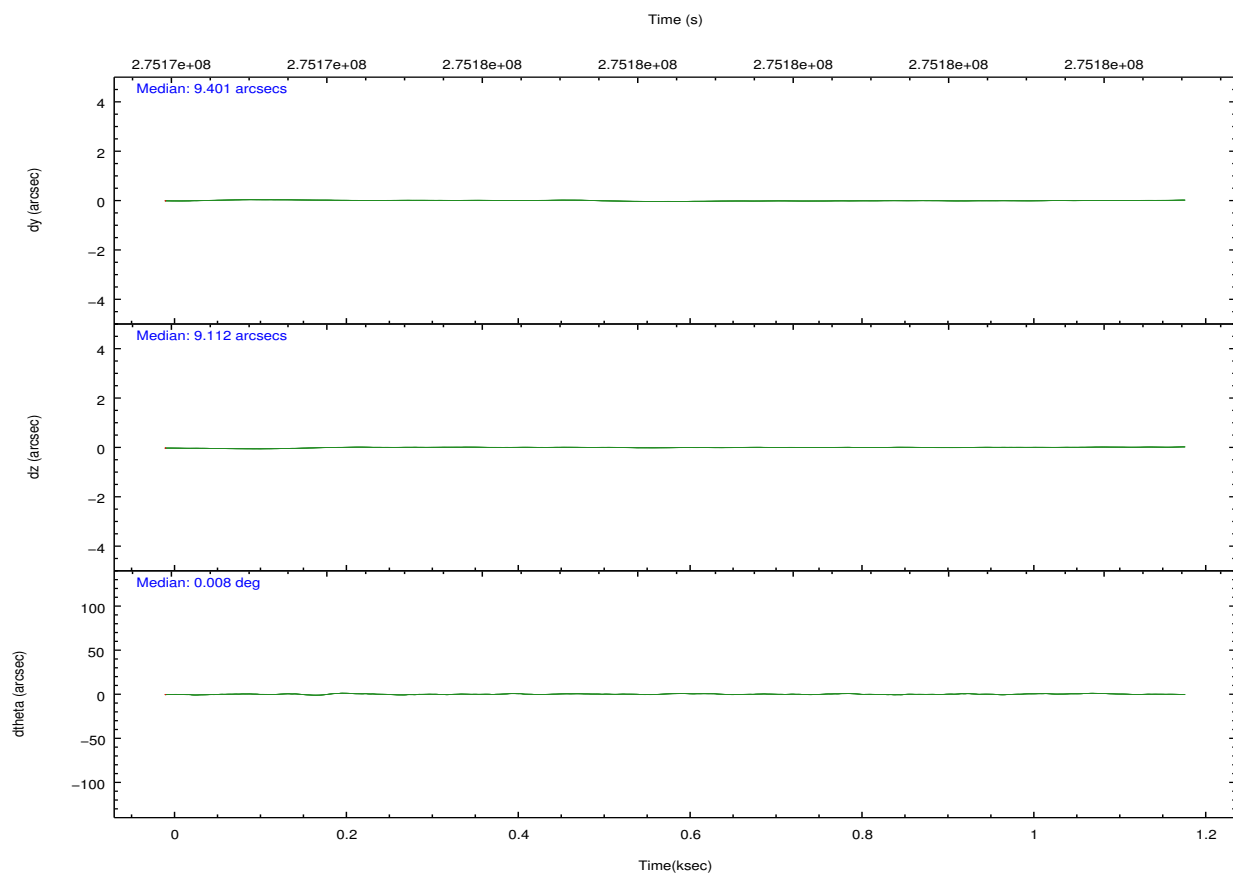
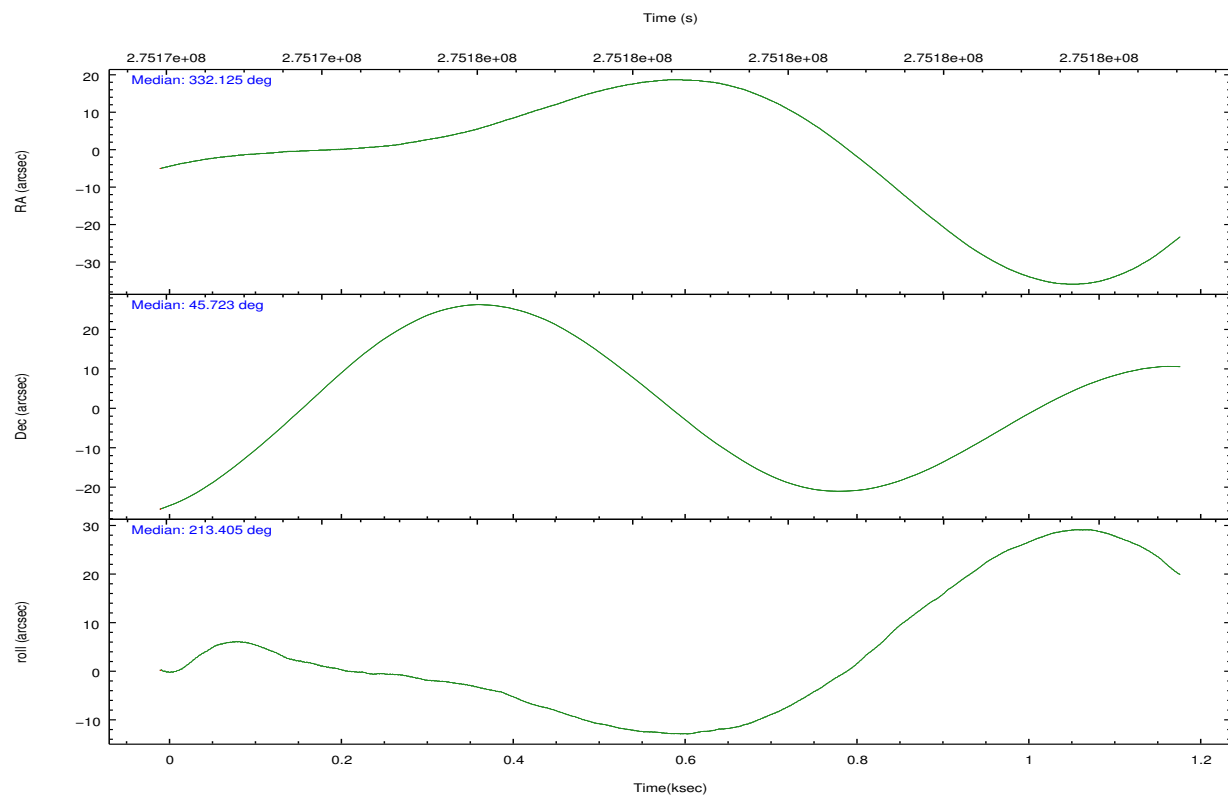
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.140873	332.1236786545873
[deg] Pointing Dec	45.747650	45.72326688607528
[deg] Pointing Roll	213.490196	213.4070204732588
[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)	275174832.184000	275174455.87606
Observation start date	2006-09-20T21:26:07	2006-09-20T21:20:55
[s] Observation end time (MET)	275175832.184000	275175965.70113
Observation end date	2006-09-20T21:42:47	2006-09-20T21:46:05

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



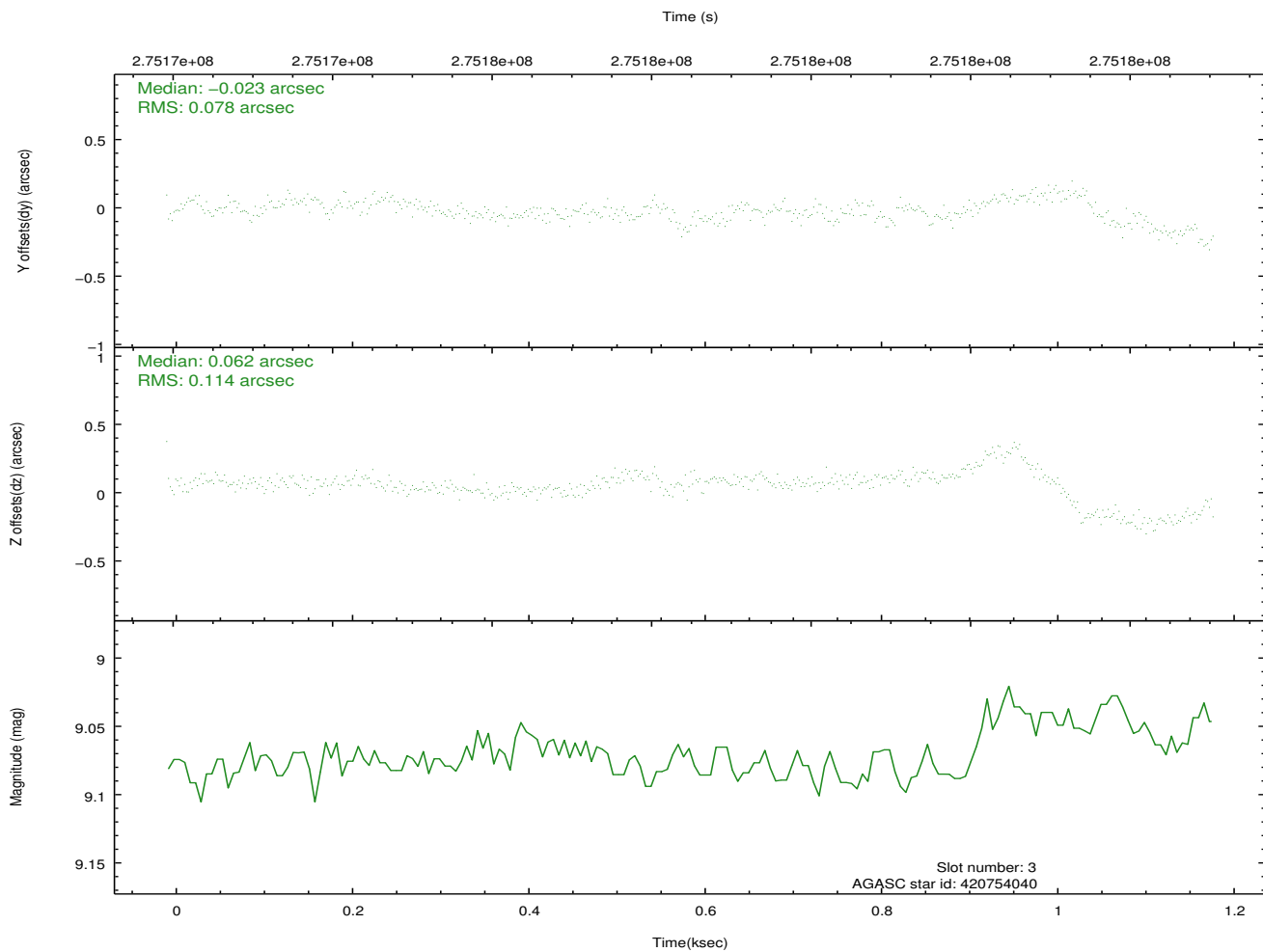
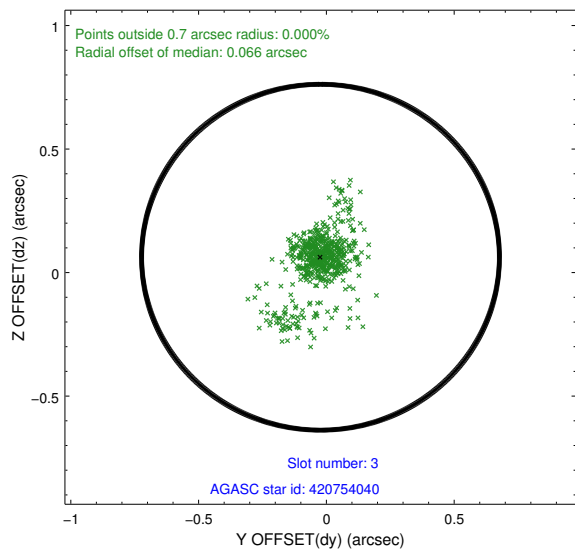
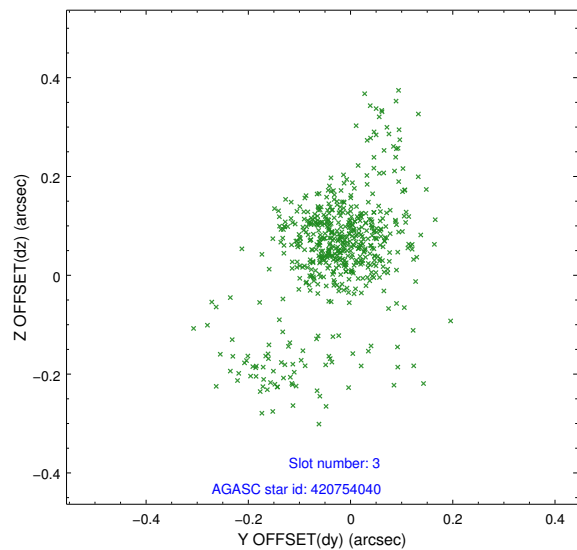


Slot Statistics

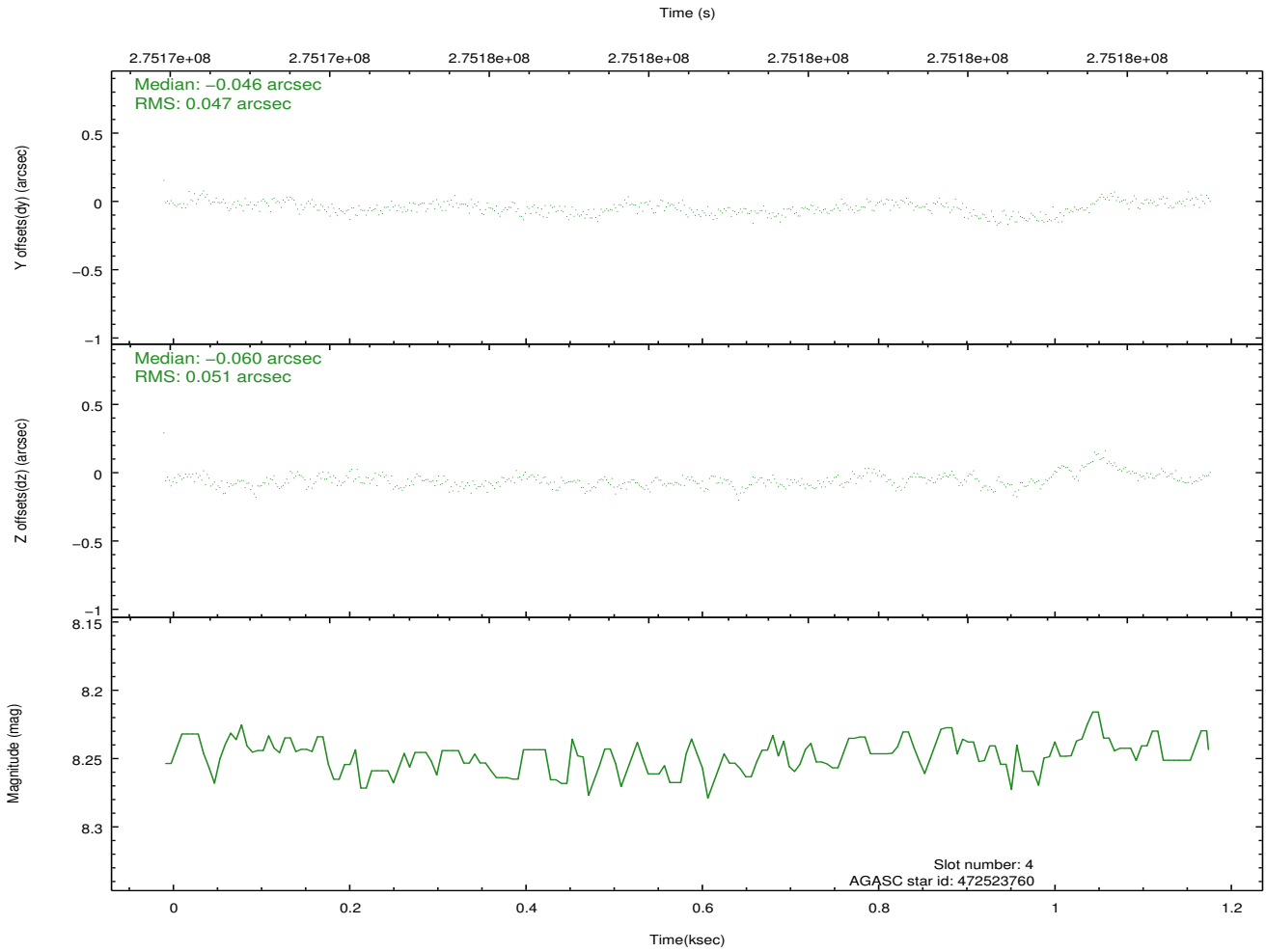
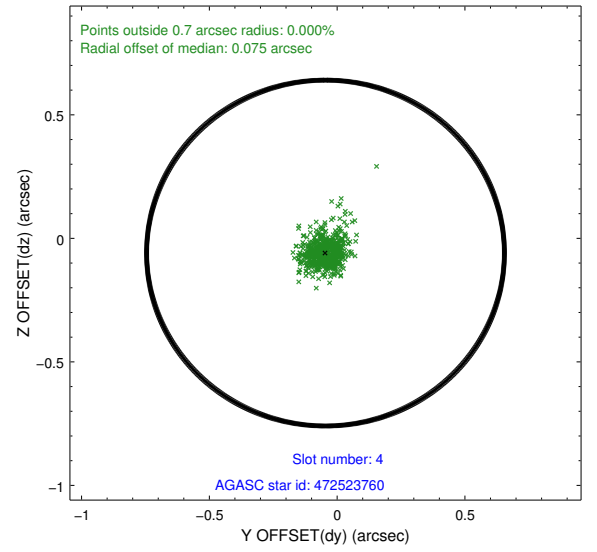
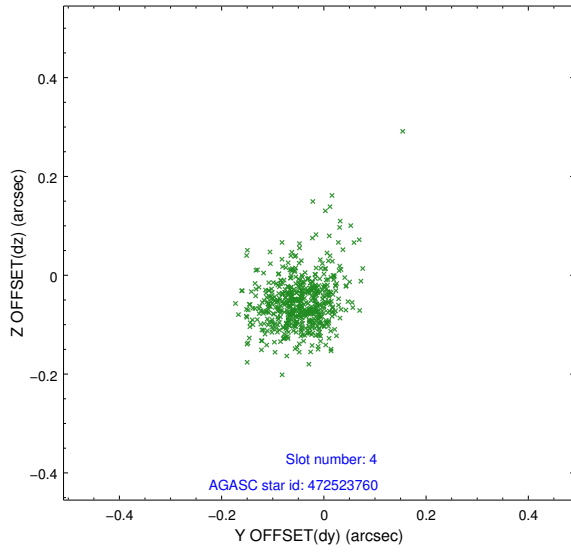
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	290	0.075	-0.058	0.006	0.011	0.000000	0.000000	847.67	-1298.64
1	FID	HRC-I-3	7.06	290	-0.059	0.009	0.006	0.010	0.000000	0.000000	-1190.68	1003.07
2	FID	HRC-I-4	6.99	290	0.103	-0.038	0.006	0.012	0.000000	0.000000	1273.73	1008.58
3	GUIDE	420754040	9.07	580	-0.023	0.062	0.108	0.304	331.917939	44.882543	2190.85	2284.71
4	GUIDE	472523760	8.25	580	-0.046	-0.060	0.067	0.122	331.645363	45.403260	1729.59	345.01
5	GUIDE	472533912	9.16	580	-0.000	0.088	0.133	0.222	331.791136	46.368695	-507.88	-2343.47
6	GUIDE	472655152	9.43	580	-0.016	-0.162	0.119	0.181	332.504239	45.862991	-991.58	151.92
7	GUIDE	472665256	9.02	578	0.093	0.107	0.075	0.130	332.808125	46.195041	-2281.57	-429.81

2.4 Star Slots

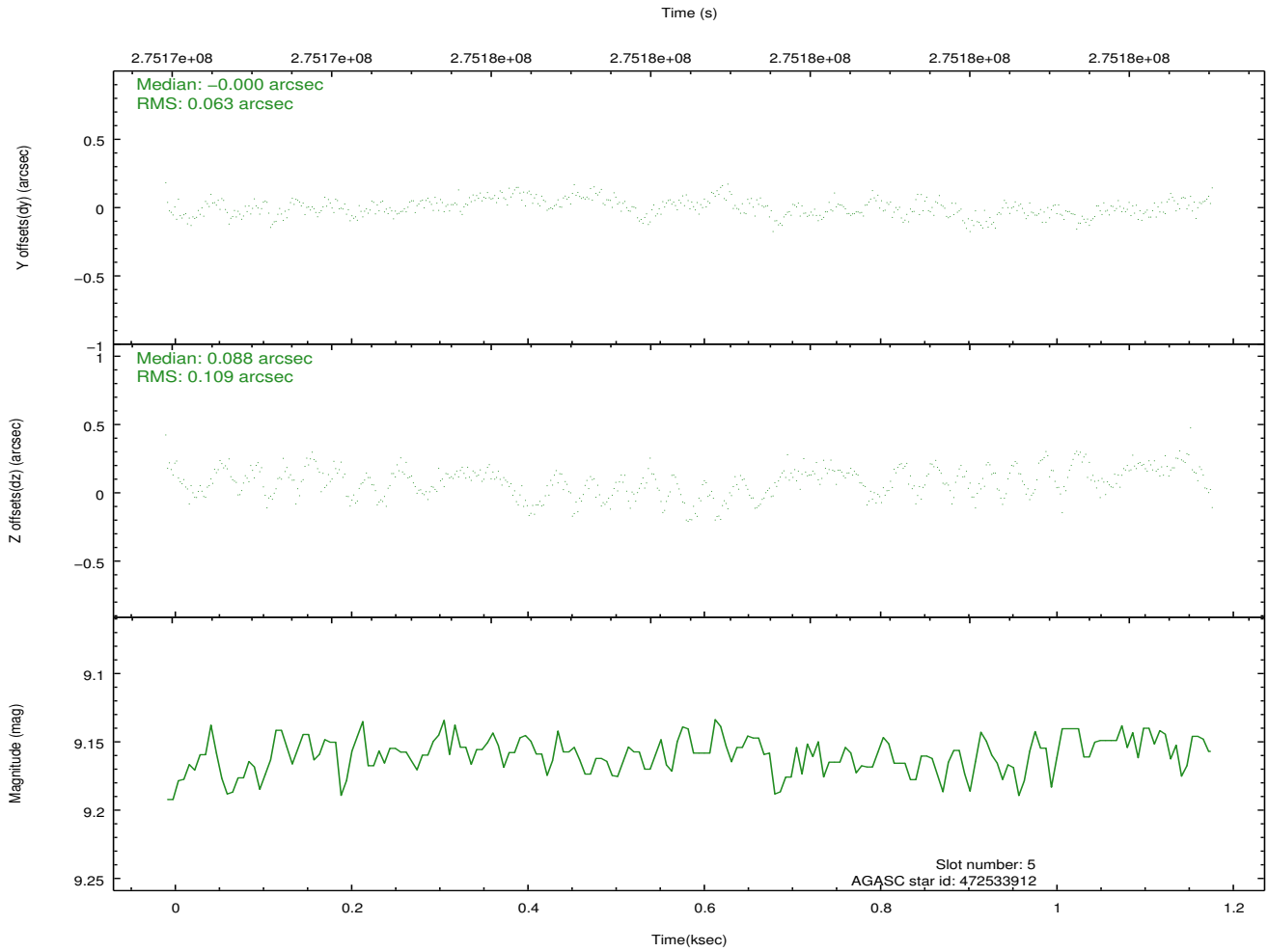
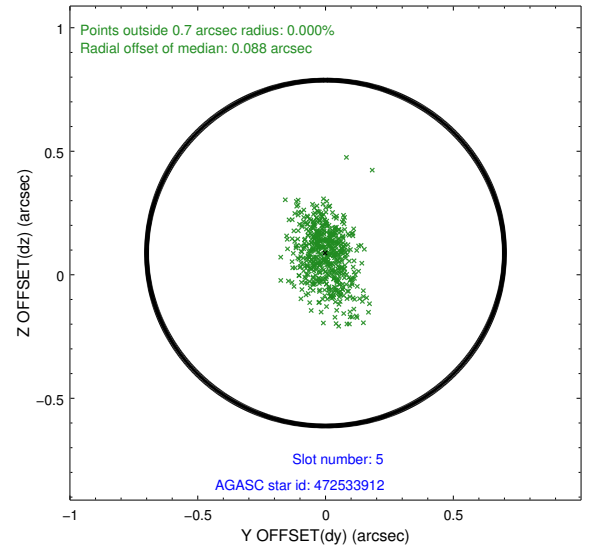
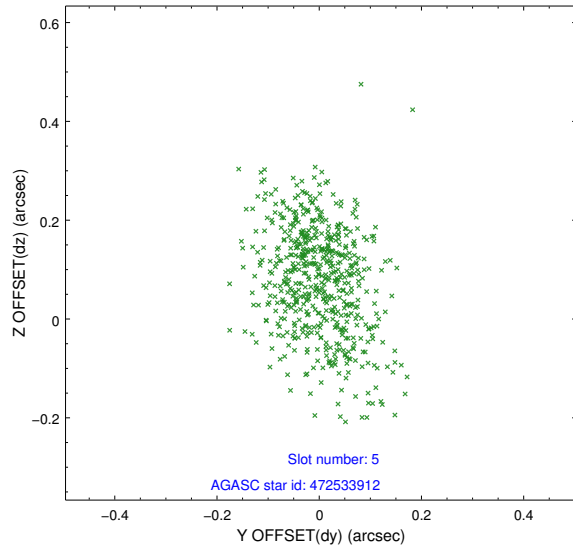
2.4.1 Slot 3



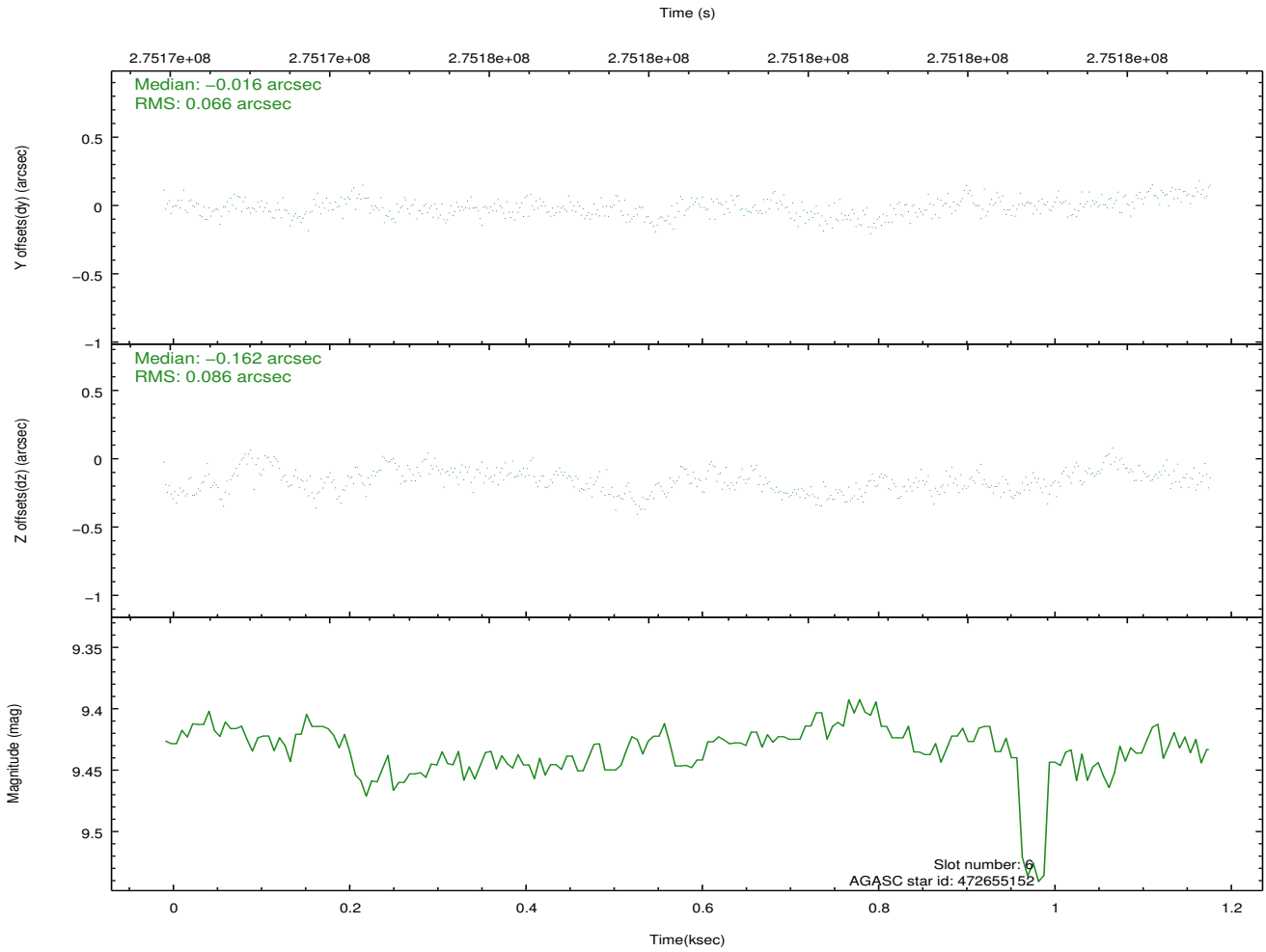
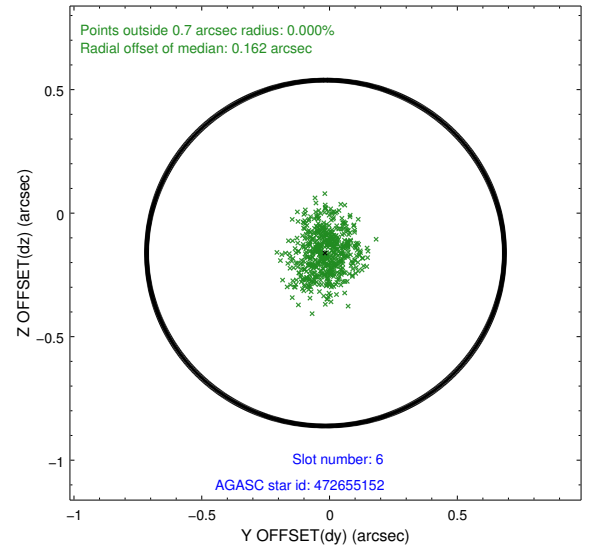
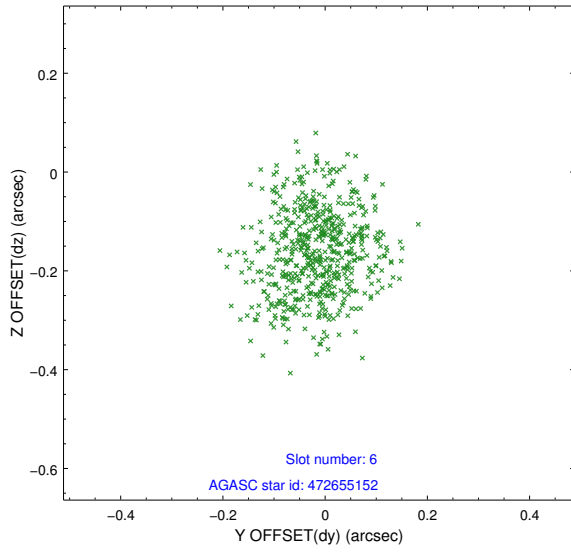
2.4.2 Slot 4



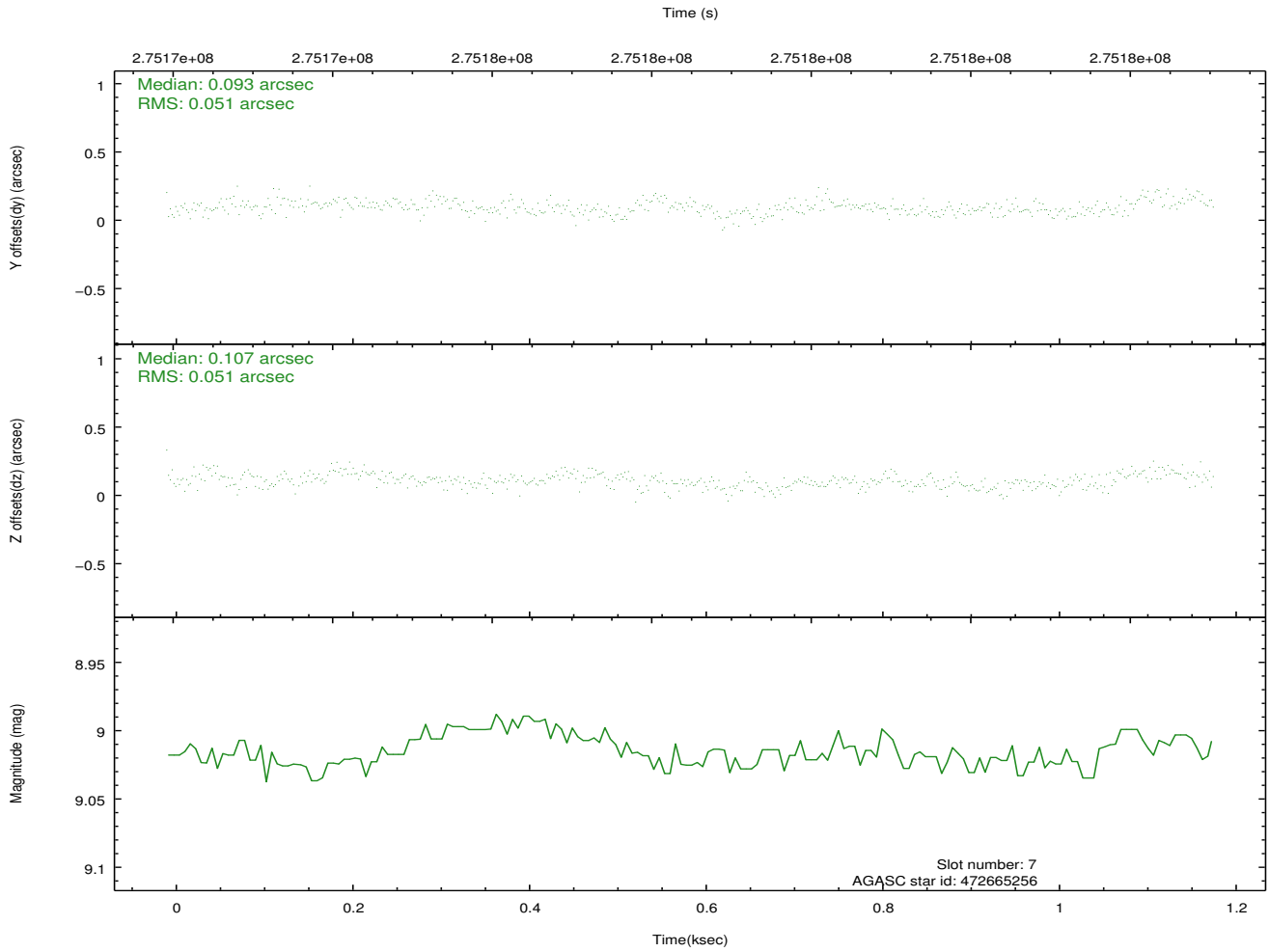
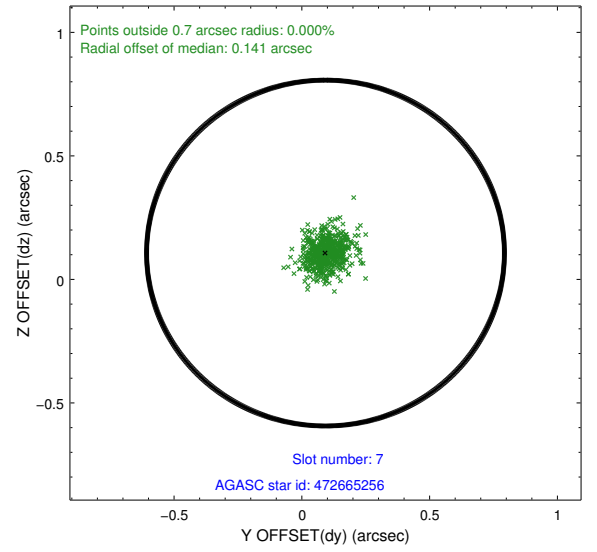
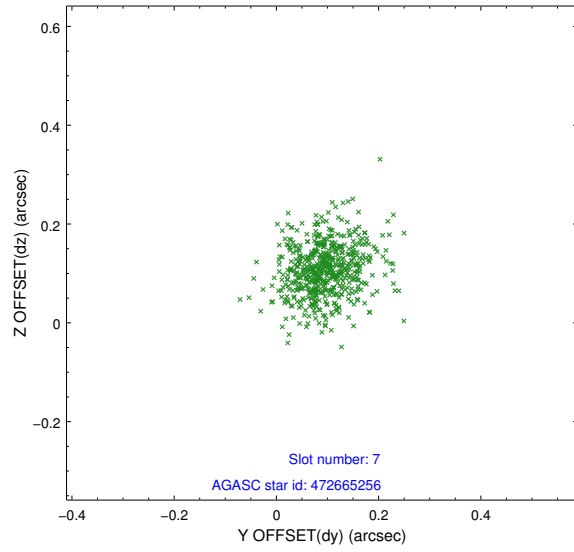
2.4.3 Slot 5



2.4.4 Slot 6

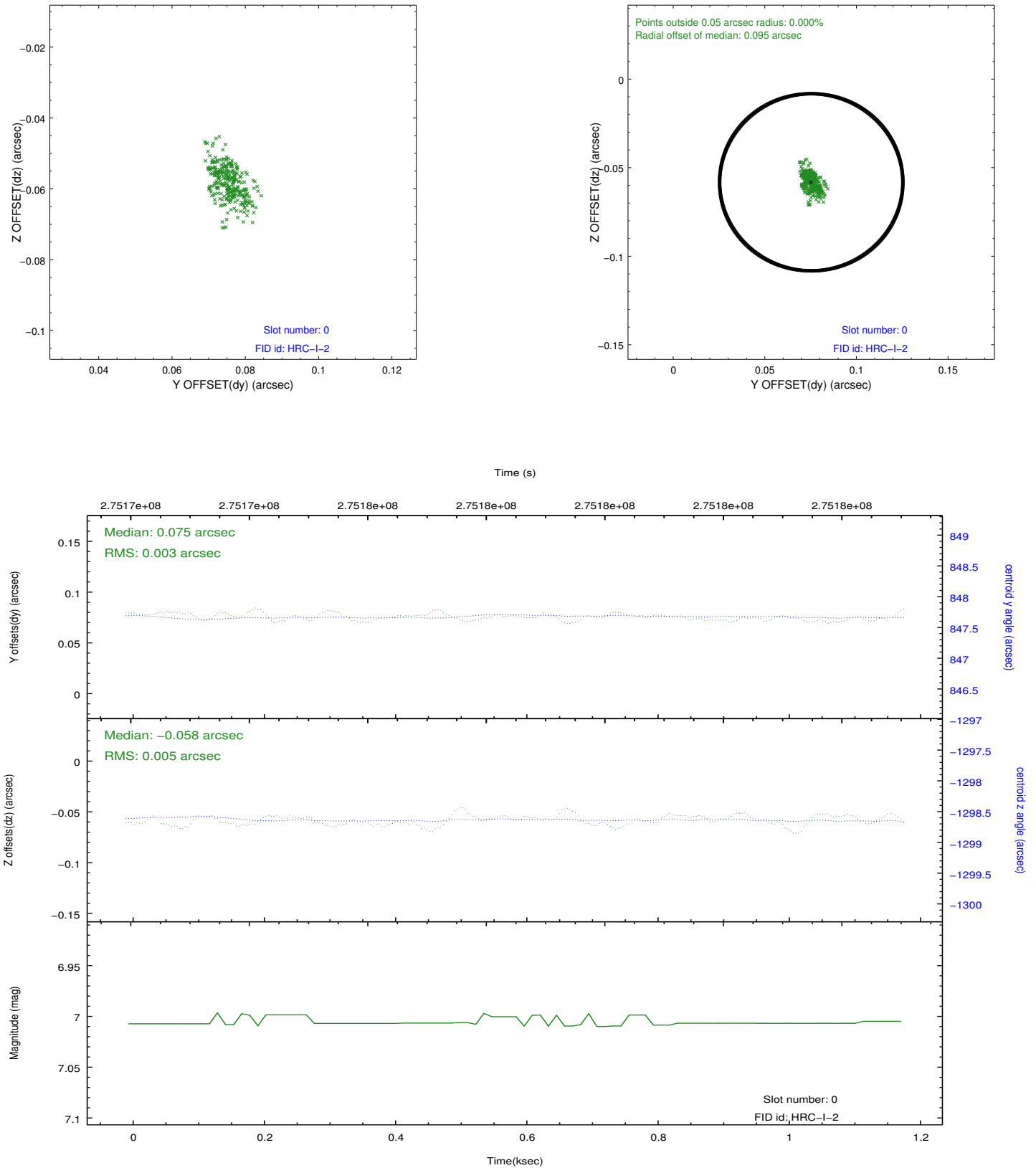


2.4.5 Slot 7

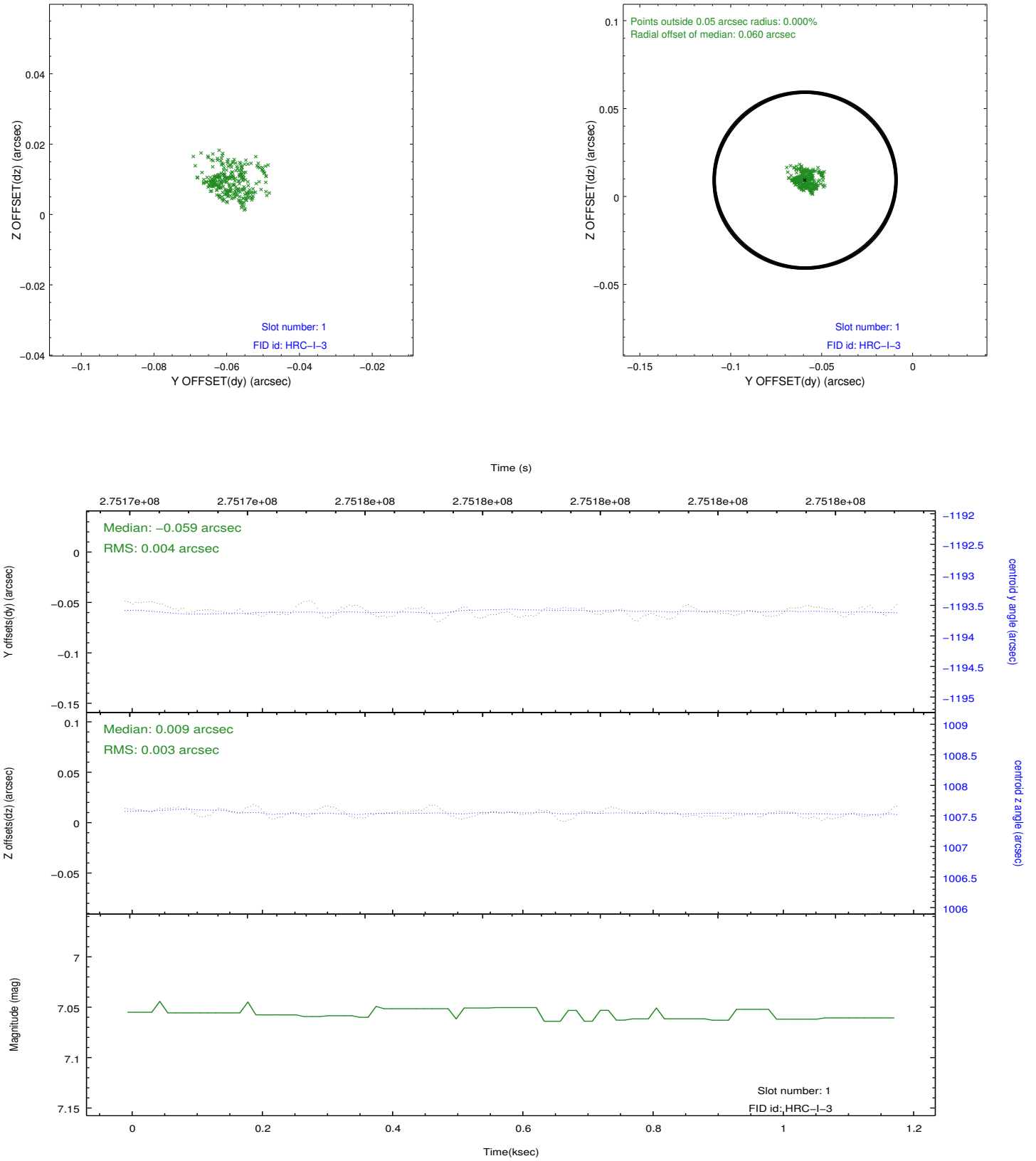


2.5 FID Slots

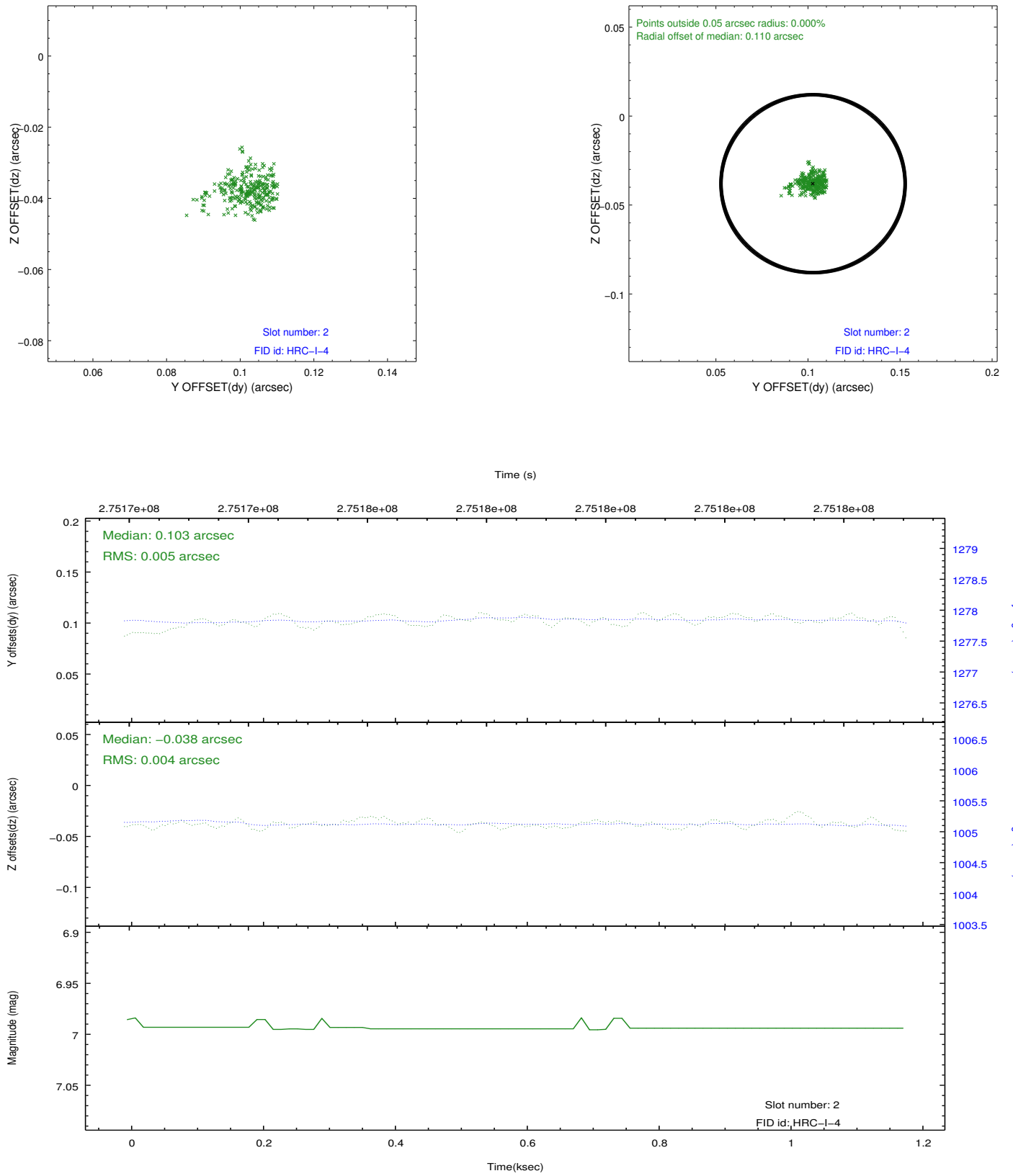
2.5.1 Slot 0



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	1.1861813

A.2 Comments