

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6557 - L2 Version 4
Chandra X-Ray Center

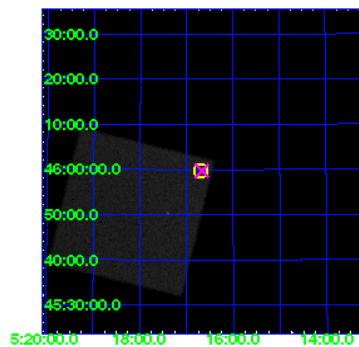
L2 Processing Date : Aug 10 2012

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1 Front

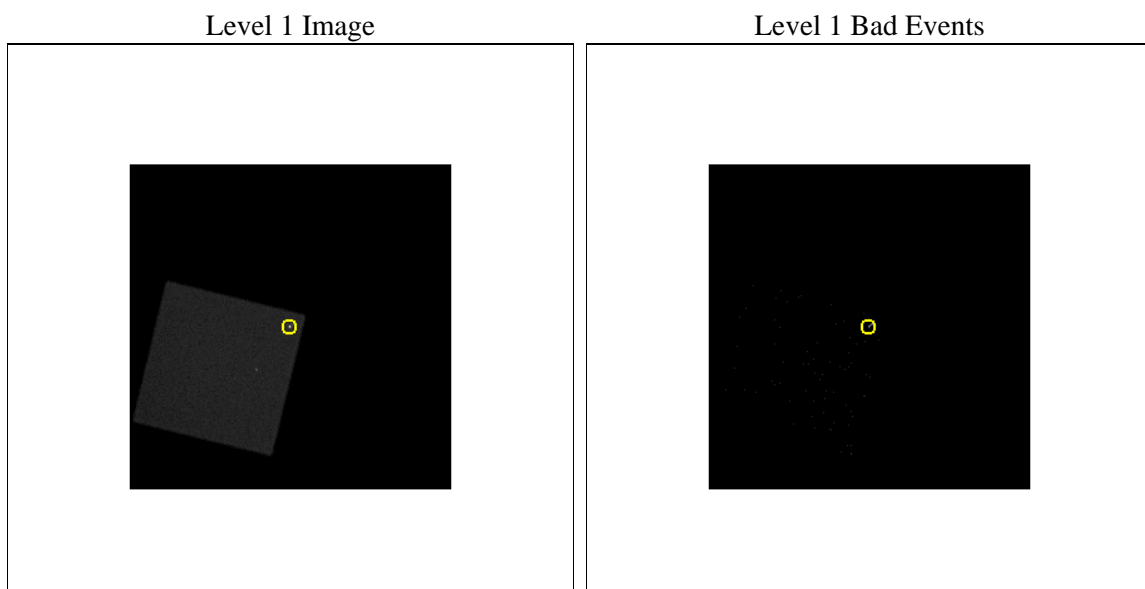
seq_num	290650	Sequence number
obs_id	6557	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.168013696519	Nominal RA [deg]
dec_nom	45.995669033018	Nominal Dec [deg]
roll_nom	238.69368823308	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5183.6814902723	[s]
liveltime	5137.8159420419	Ontime multiplied by DTCOR
l2events	303744	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5183.6814902723	[s]
caldbver	4.5.1.1	 	l1events	436790	Number of level 1 events
date	2012-08-10T23:17:19	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

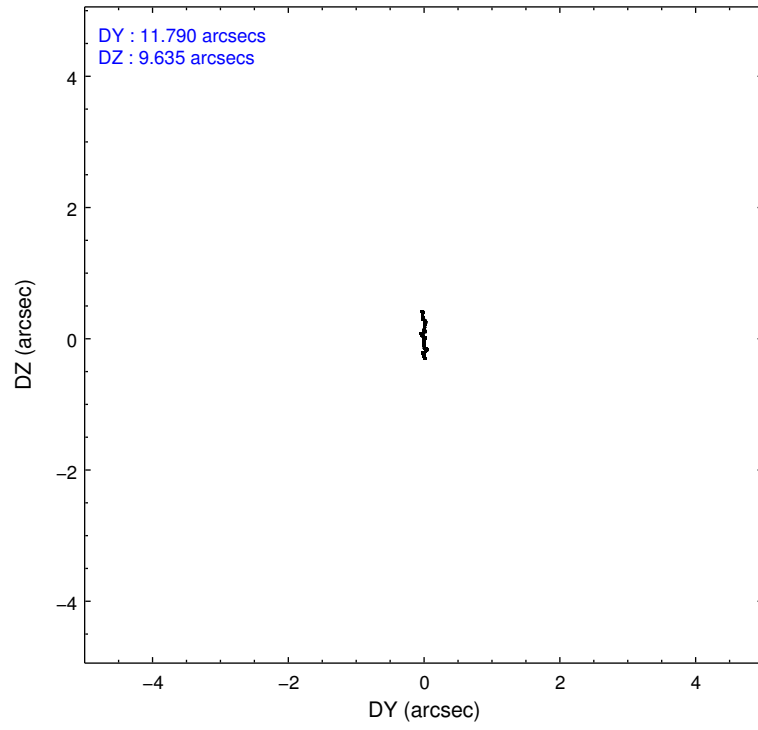
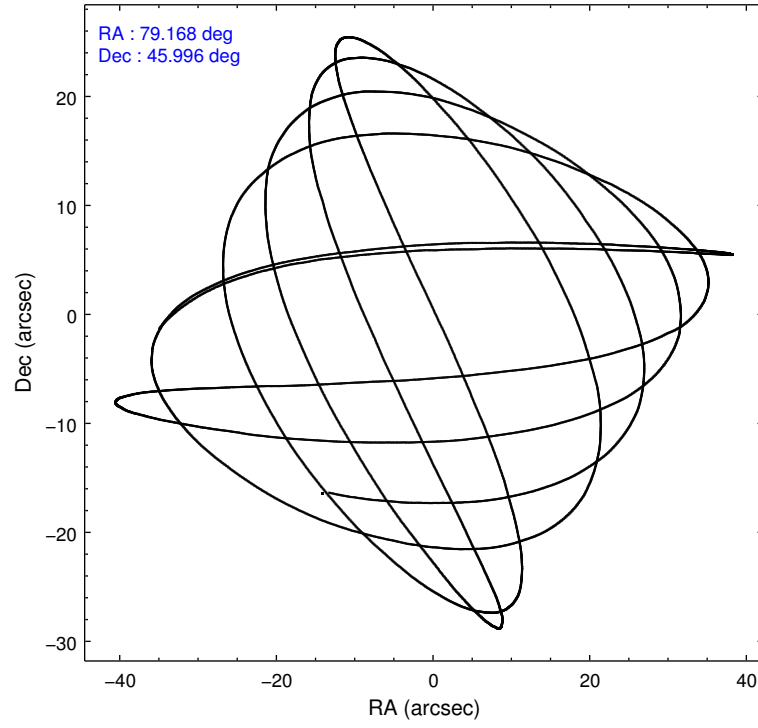
Level 1 Events

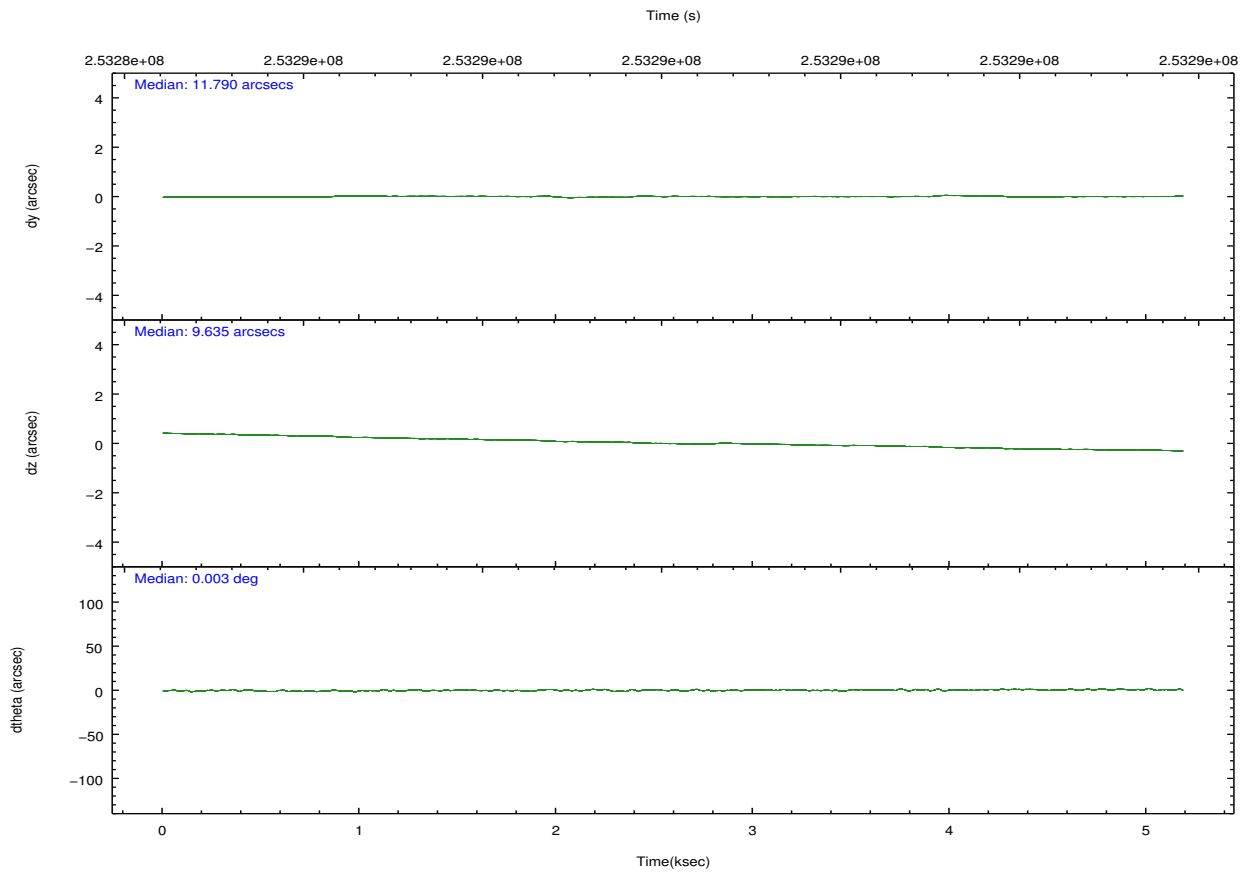
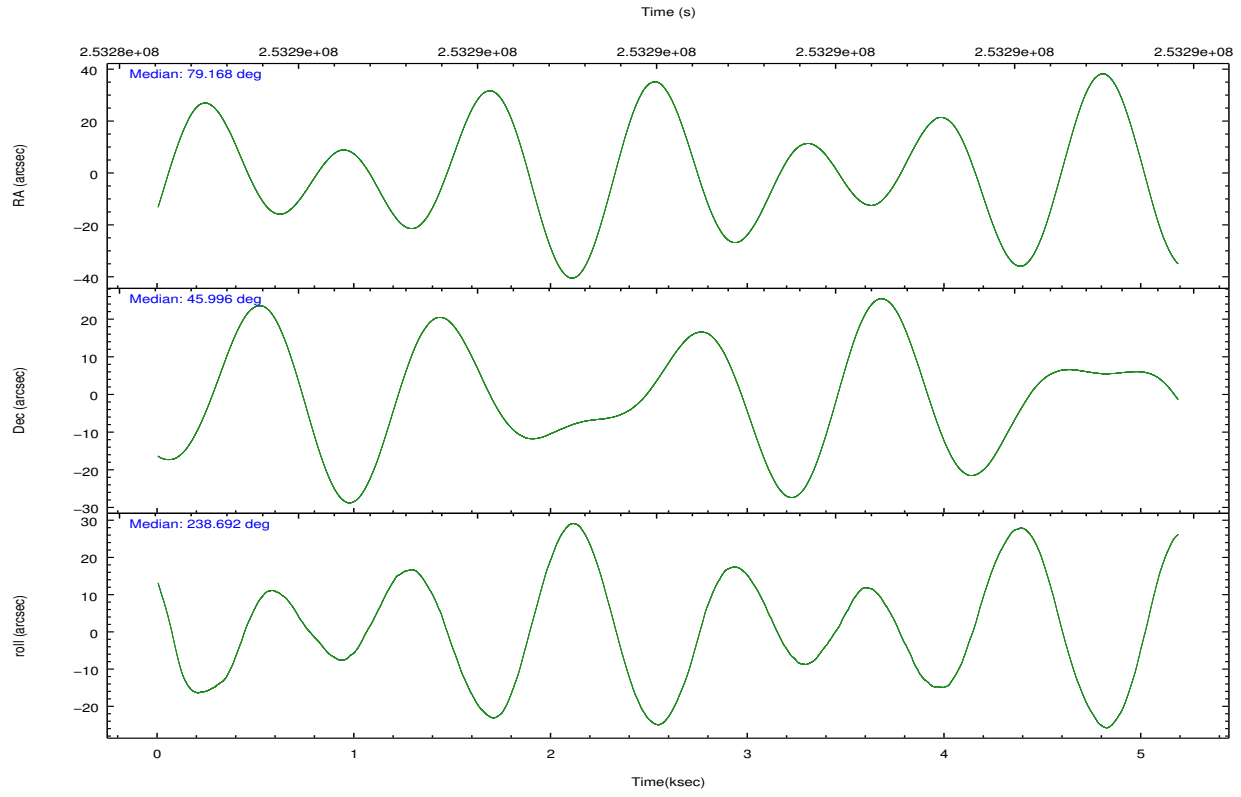
	segment 0
level 1 events	436790
rejected events	25638
rejected %	5%

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	79.167631	79.1680136965191			
[deg] Pointing Dec	46.022659	45.99566903301843			
[deg] Pointing Roll	238.789448	238.6936882330821			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	72.985494	72.99811615019148			
[mm] SIM translation stage offset	54	53.98737274141008			
[s] Observation start time (MET)	253285663.184000	253285286.70415			
Observation start date	2006-01-10T13:06:38	2006-01-10T13:01:26			
[s] Observation end time (MET)	253290663.184000	253290796.59191			
Observation end date	2006-01-10T14:29:58	2006-01-10T14:33:16			

2.3 Aspect



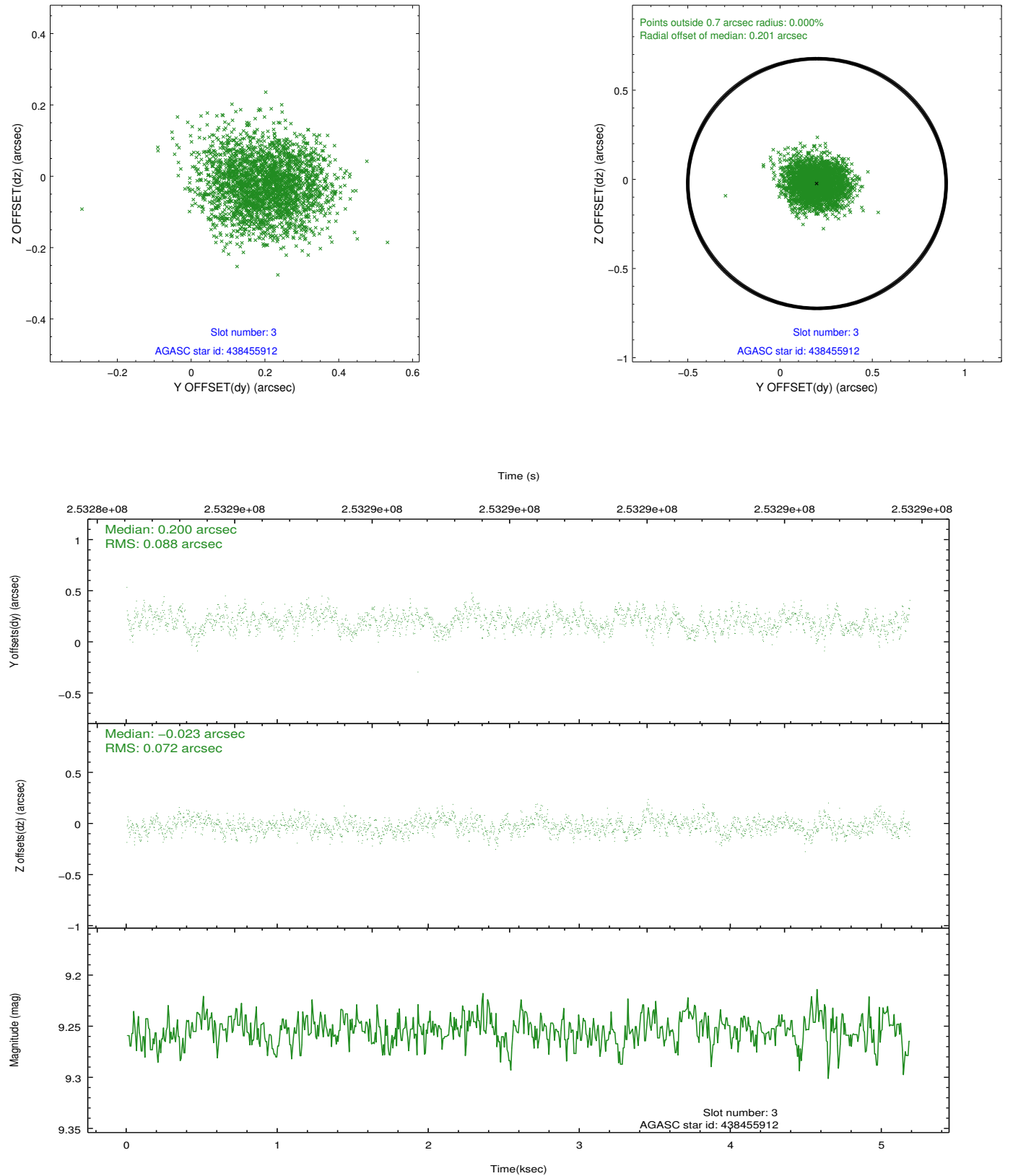


Slot Statistics

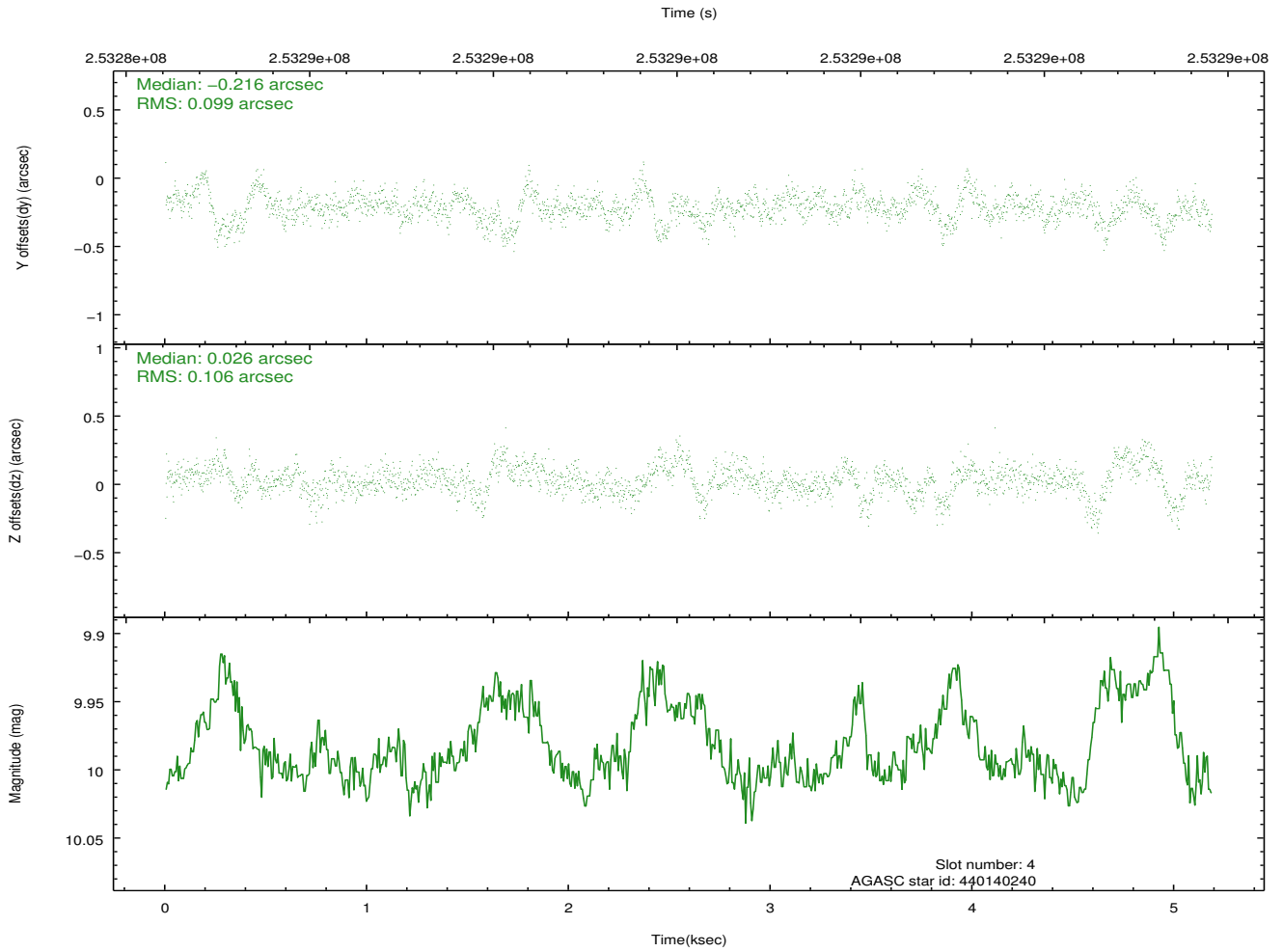
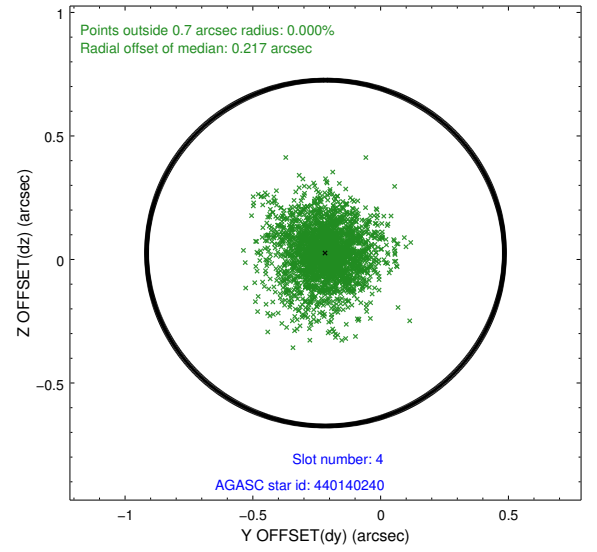
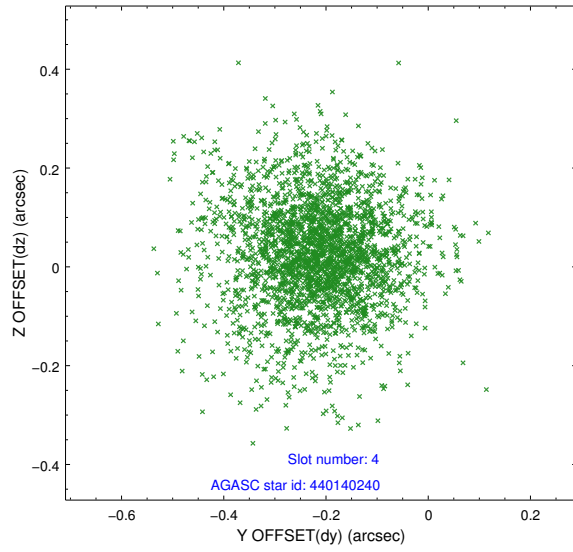
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	1265	-0.109	-0.197	0.009	0.017	0.000000	0.000000	-765.52	-193.08
1	FID	HRC-I-2	7.15	1265	0.055	0.159	0.011	0.021	0.000000	0.000000	843.59	-189.13
2	FID	HRC-I-3	7.09	1265	0.176	-0.048	0.008	0.015	0.000000	0.000000	-1196.38	2116.54
3	GUIDE	438455912	9.25	2528	0.200	-0.023	0.122	0.191	78.251946	45.690923	2204.85	-1357.81
4	GUIDE	440140240	9.99	2527	-0.216	0.026	0.150	0.264	78.889349	46.726437	-1810.10	-1901.89
5	GUIDE	440150048	7.12	2530	-0.140	-0.058	0.086	0.141	79.112838	46.416060	-1140.37	-851.48
6	GUIDE	440163960	8.88	2529	0.019	-0.032	0.079	0.127	79.298370	45.827072	432.75	644.50
7	GUIDE	438460832	9.00	2526	0.137	0.088	0.108	0.168	78.414614	45.554782	2418.34	-755.22

2.4 Star Slots

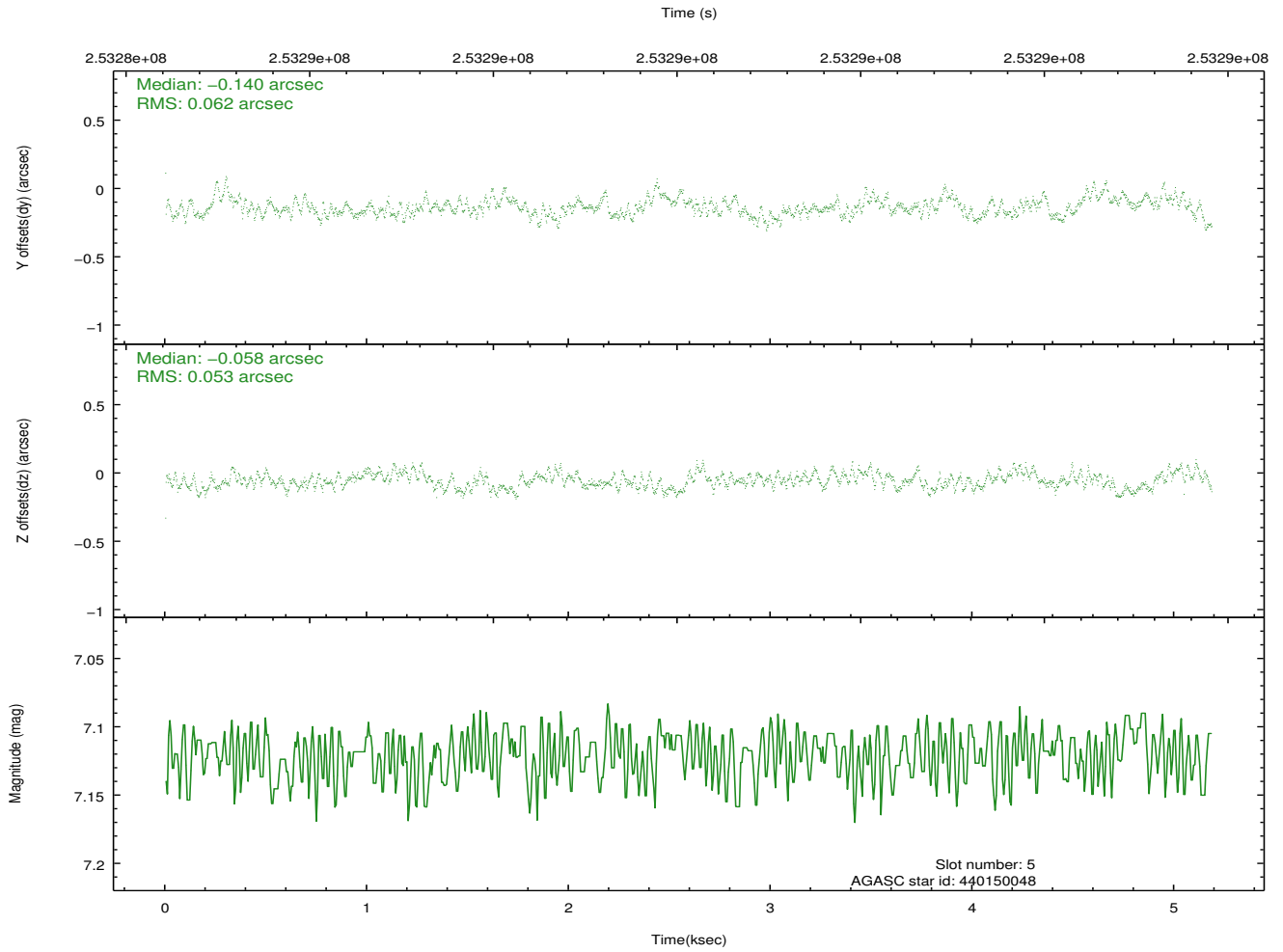
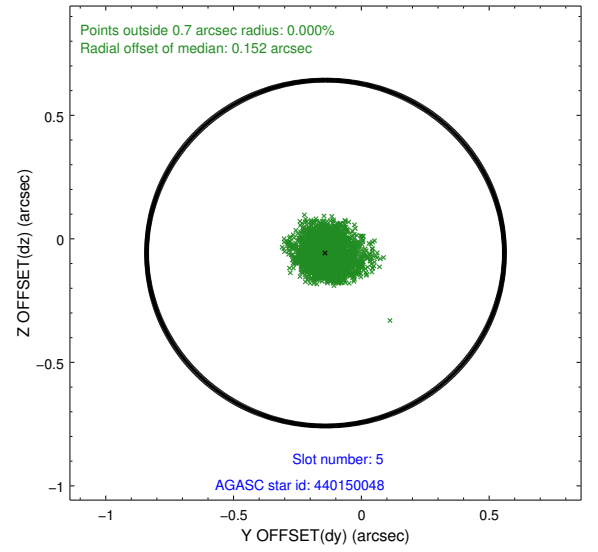
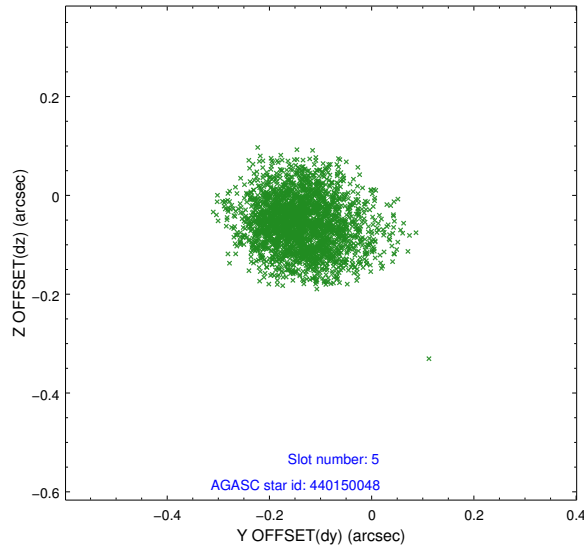
2.4.1 Slot 3



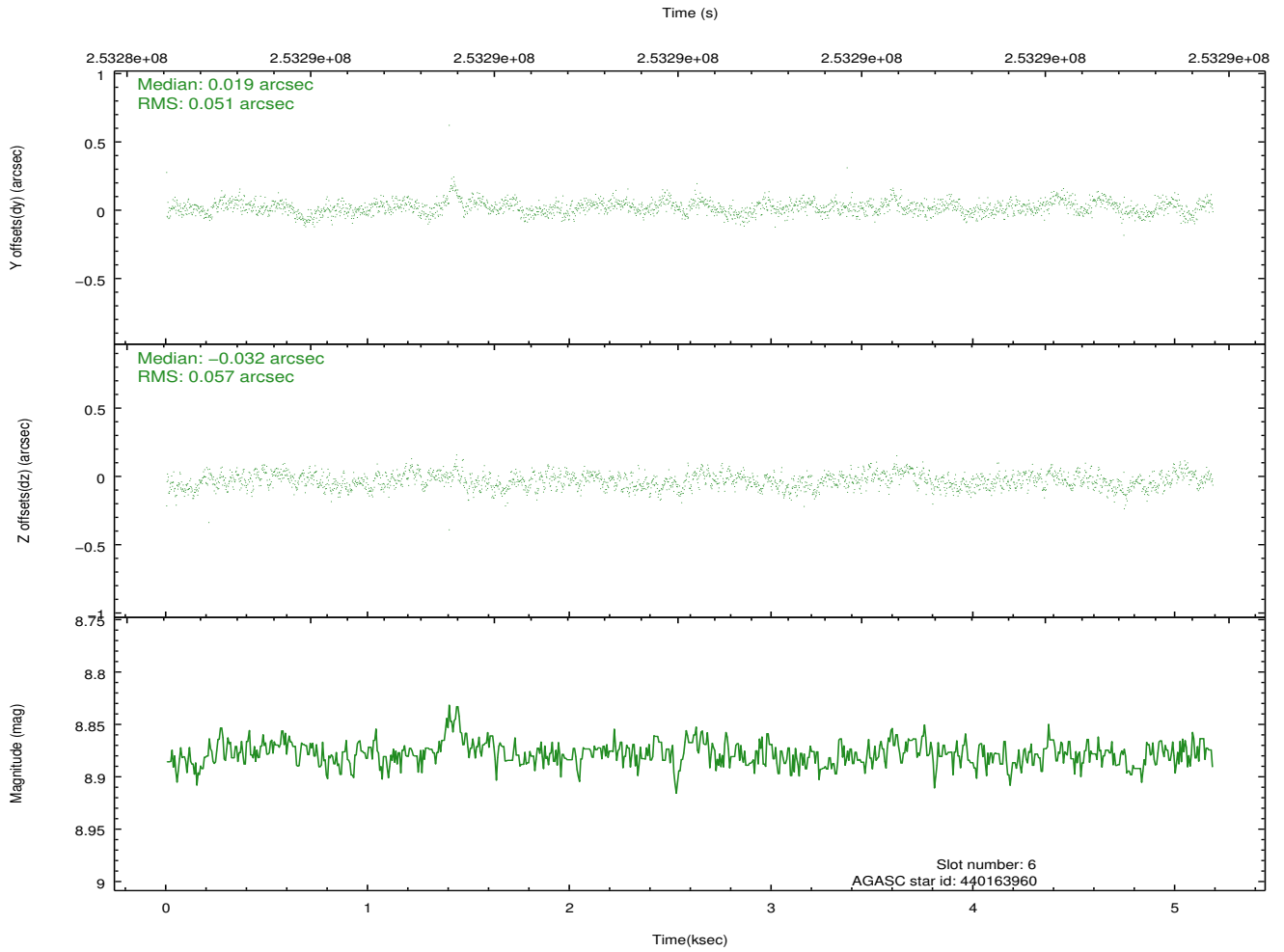
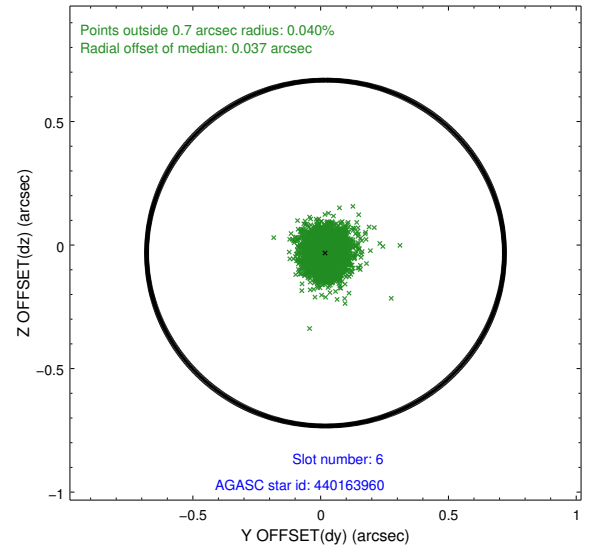
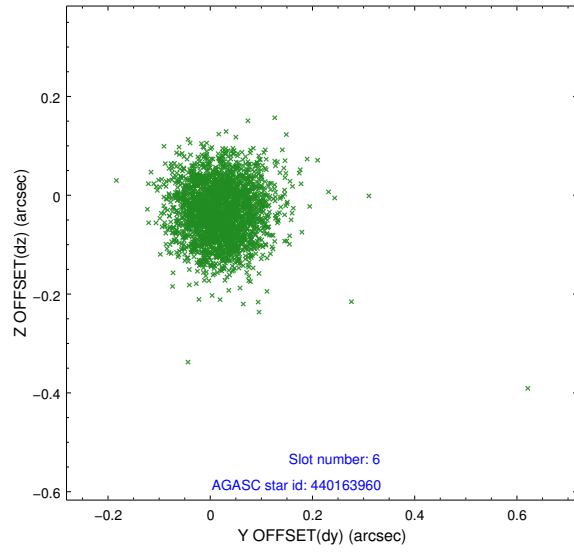
2.4.2 Slot 4



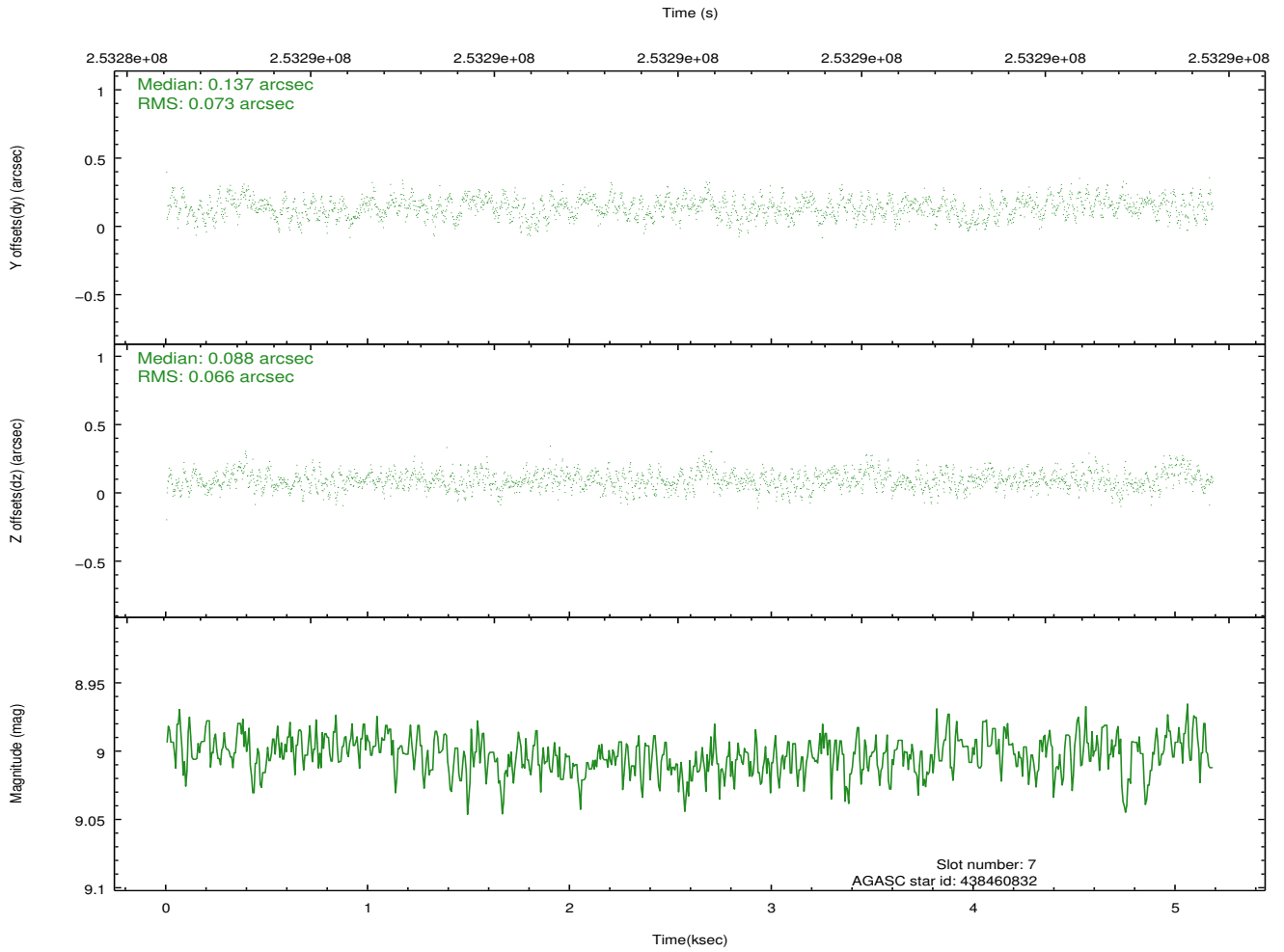
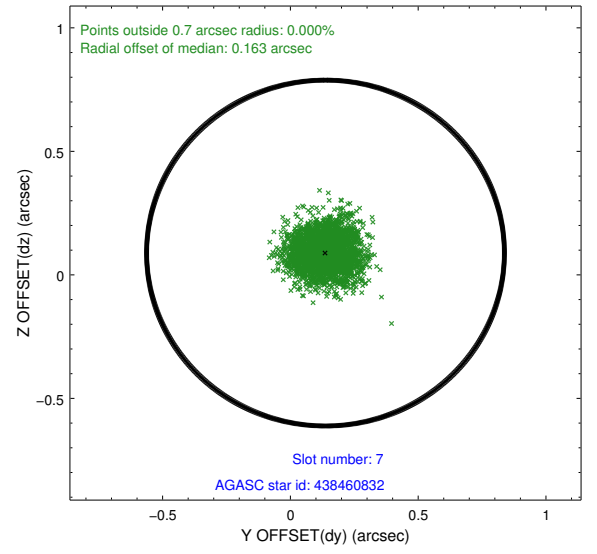
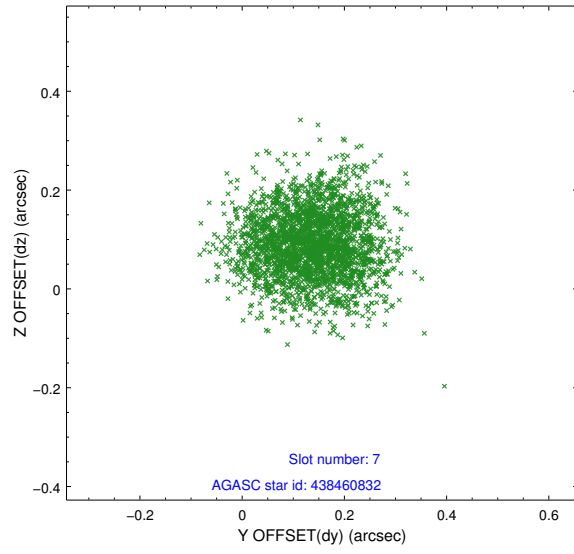
2.4.3 Slot 5



2.4.4 Slot 6

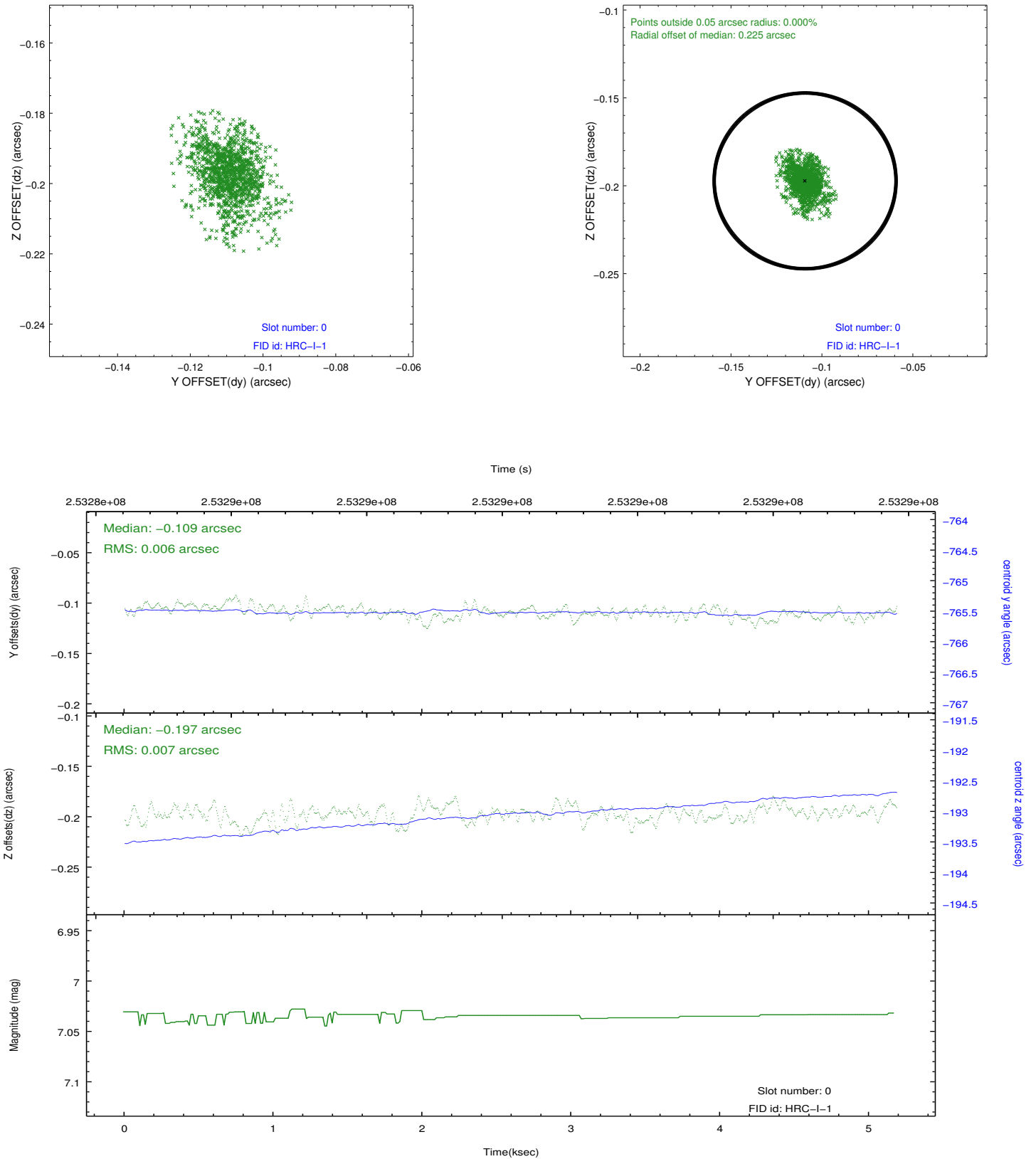


2.4.5 Slot 7

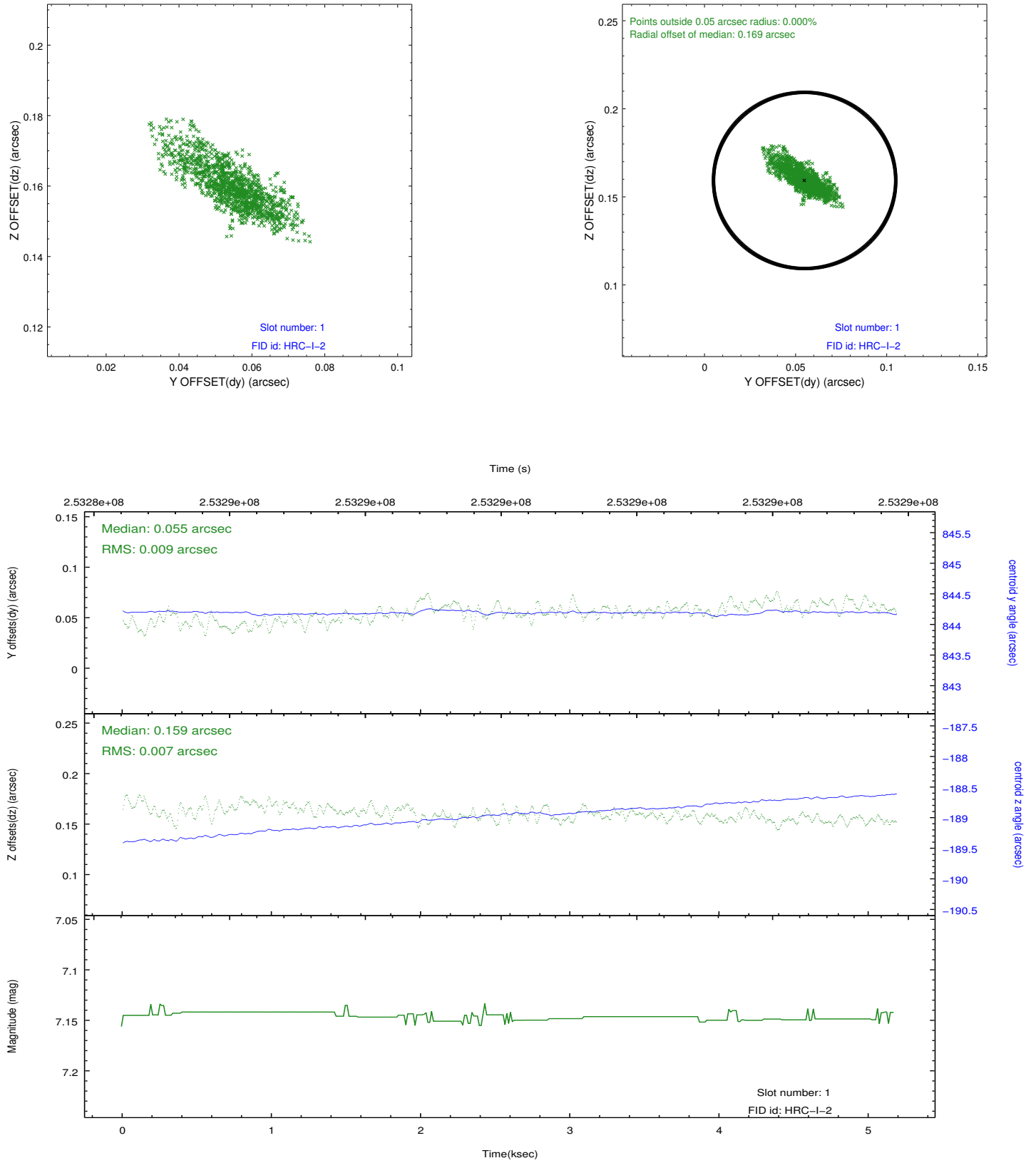


2.5 FID Slots

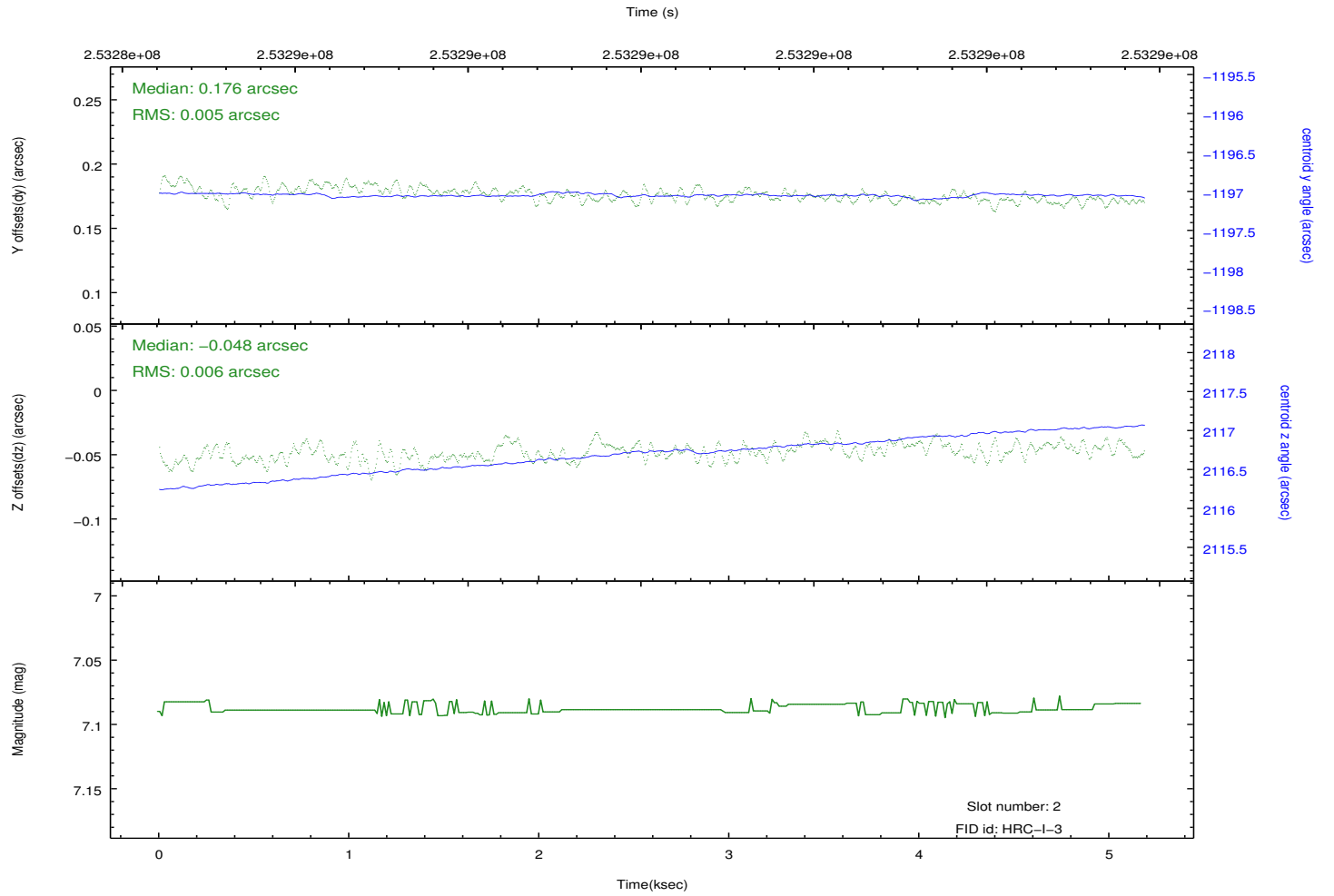
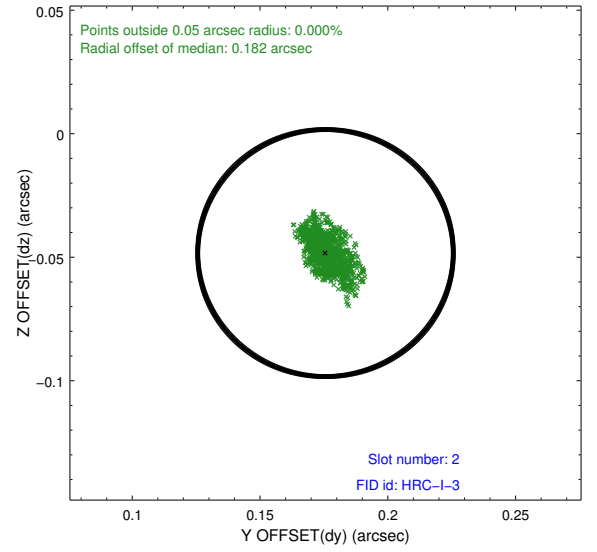
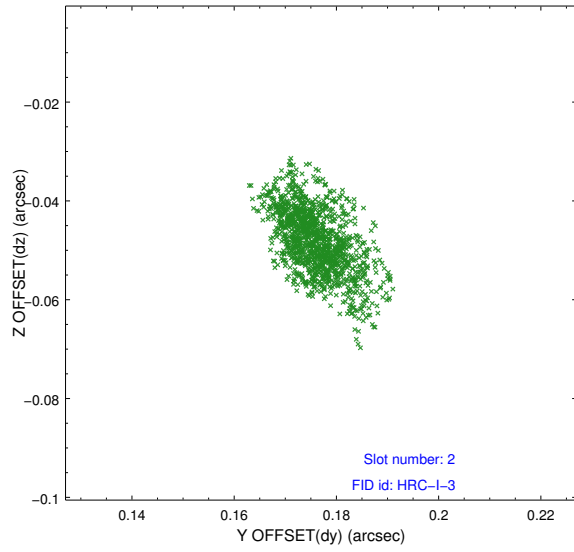
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18368149

A.2 Comments