

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6555 - L2 Version 4
Chandra X-Ray Center

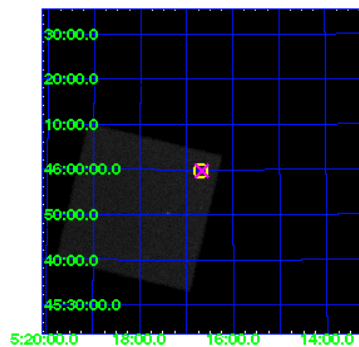
L2 Processing Date : Aug 10 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

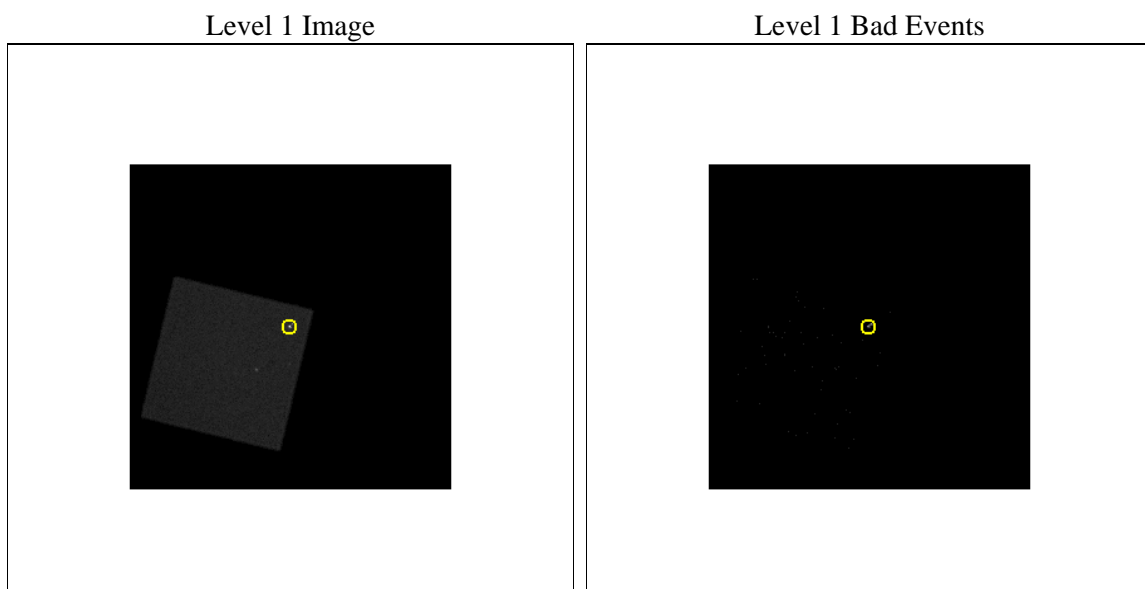
seq_num	290648	Sequence number
obs_id	6555	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.167817384923	Nominal RA [deg]
dec_nom	45.995628197257	Nominal Dec [deg]
roll_nom	238.52377328178	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5181.3752401471	[s]
livetime	5135.3062672733	Ontime multiplied by DTCOR
l2events	307087	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	5181.3752401471	[s]
caldbver	4.5.1.1	 	l1events	491245	Number of level 1 events
date	2012-08-10T22:24:35	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

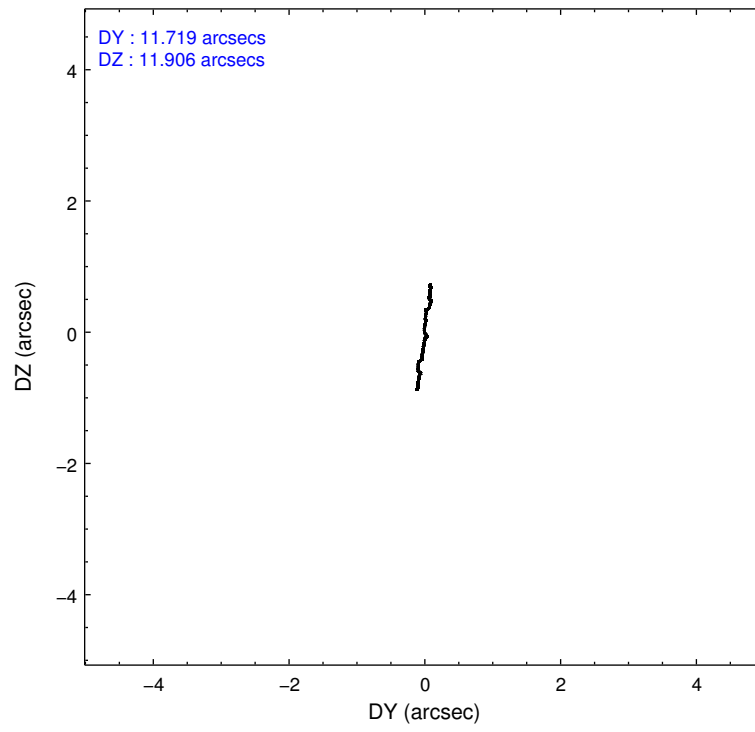
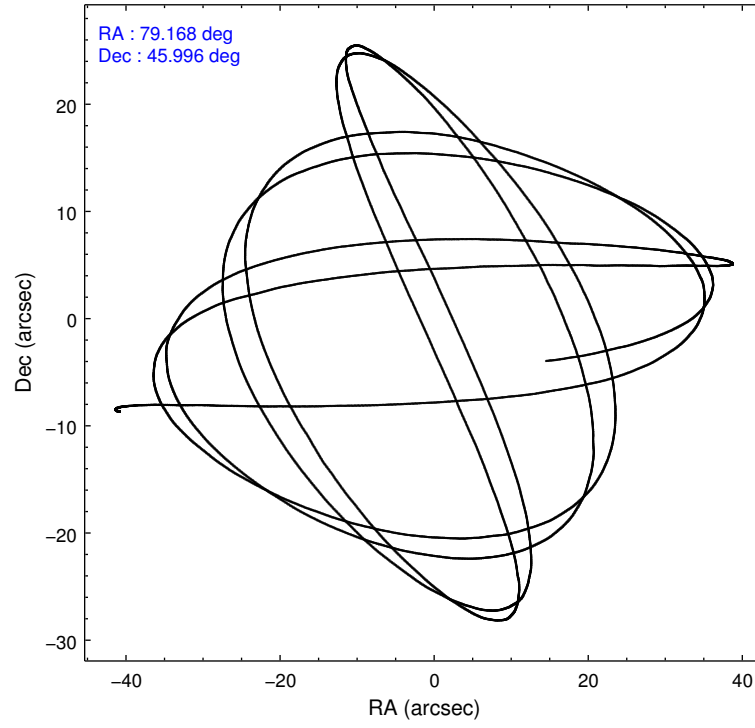
	segment 0
level 1 events	491245
rejected events	76305
rejected %	15%

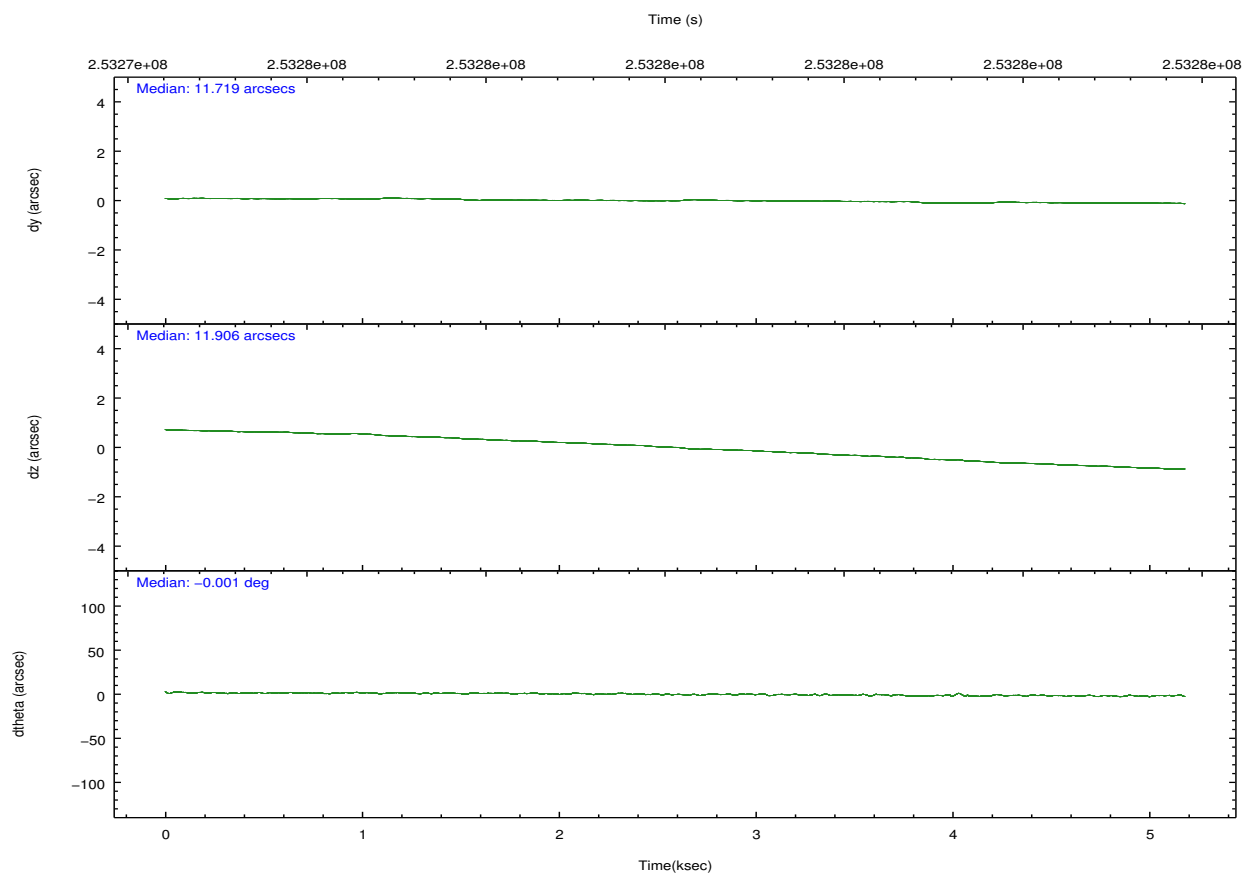
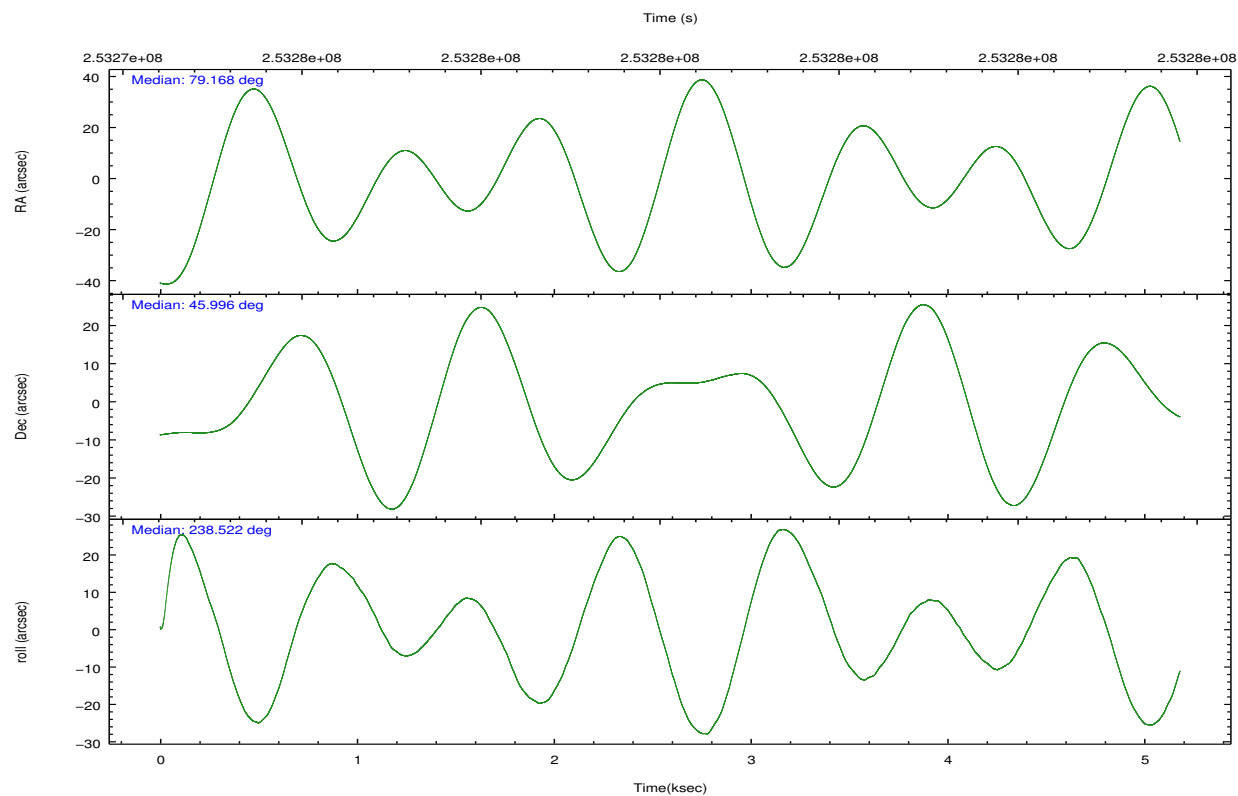
2.2 Compared Parameters

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	79.167737	79.16781738492271
[deg] Pointing Dec	46.022660	45.99562819725721
[deg] Pointing Roll	238.619390	238.5237732817785
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	78.985494	78.98972951380897
[mm] SIM translation stage offset	48	47.9957593777926
[s] Observation start time (MET)	253274643.184000	253273447.9536
Observation start date	2006-01-10T10:02:58	2006-01-10T09:44:07
[s] Observation end time (MET)	253279643.184000	253279776.3039
Observation end date	2006-01-10T11:26:18	2006-01-10T11:29:36

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

2.3 Aspect



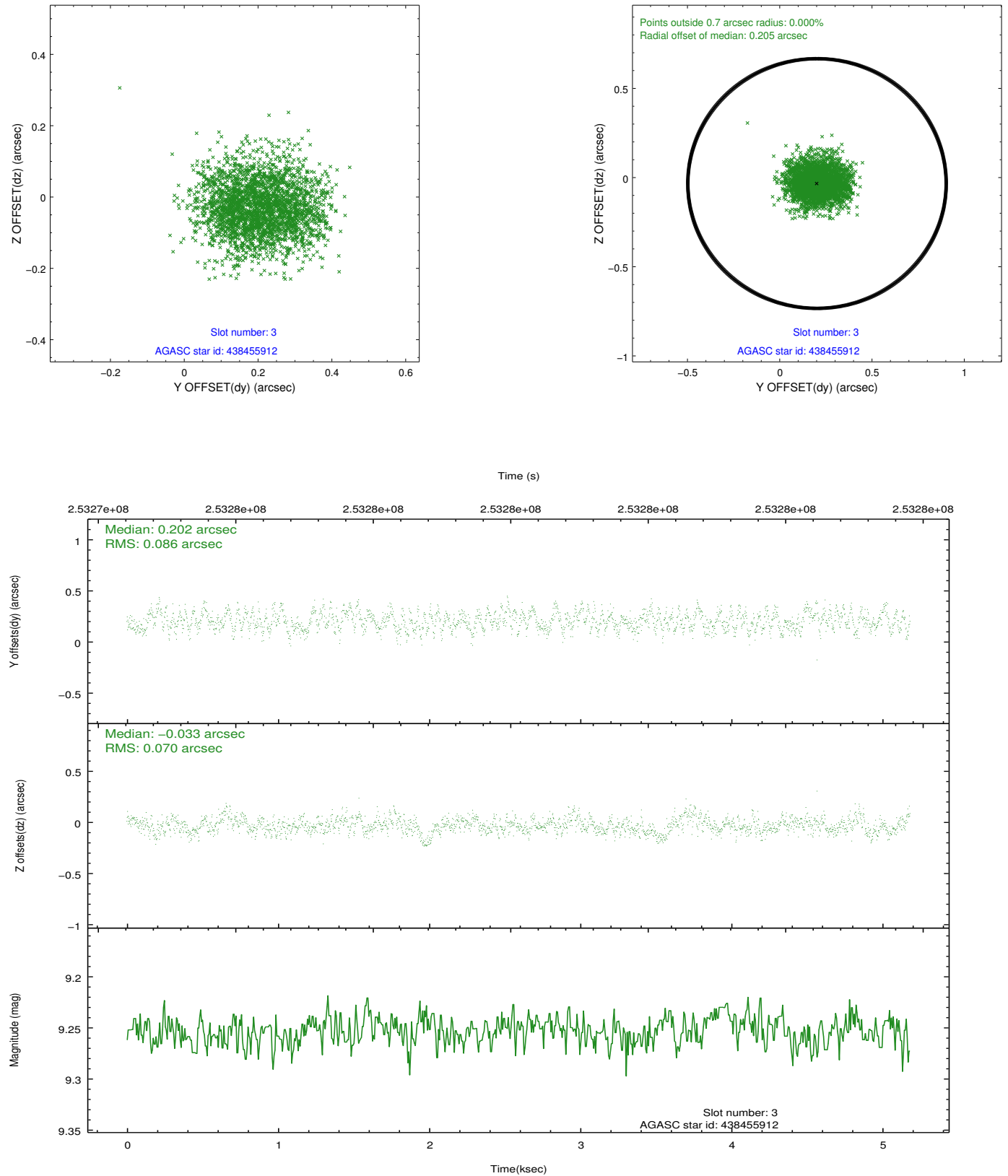


Slot Statistics

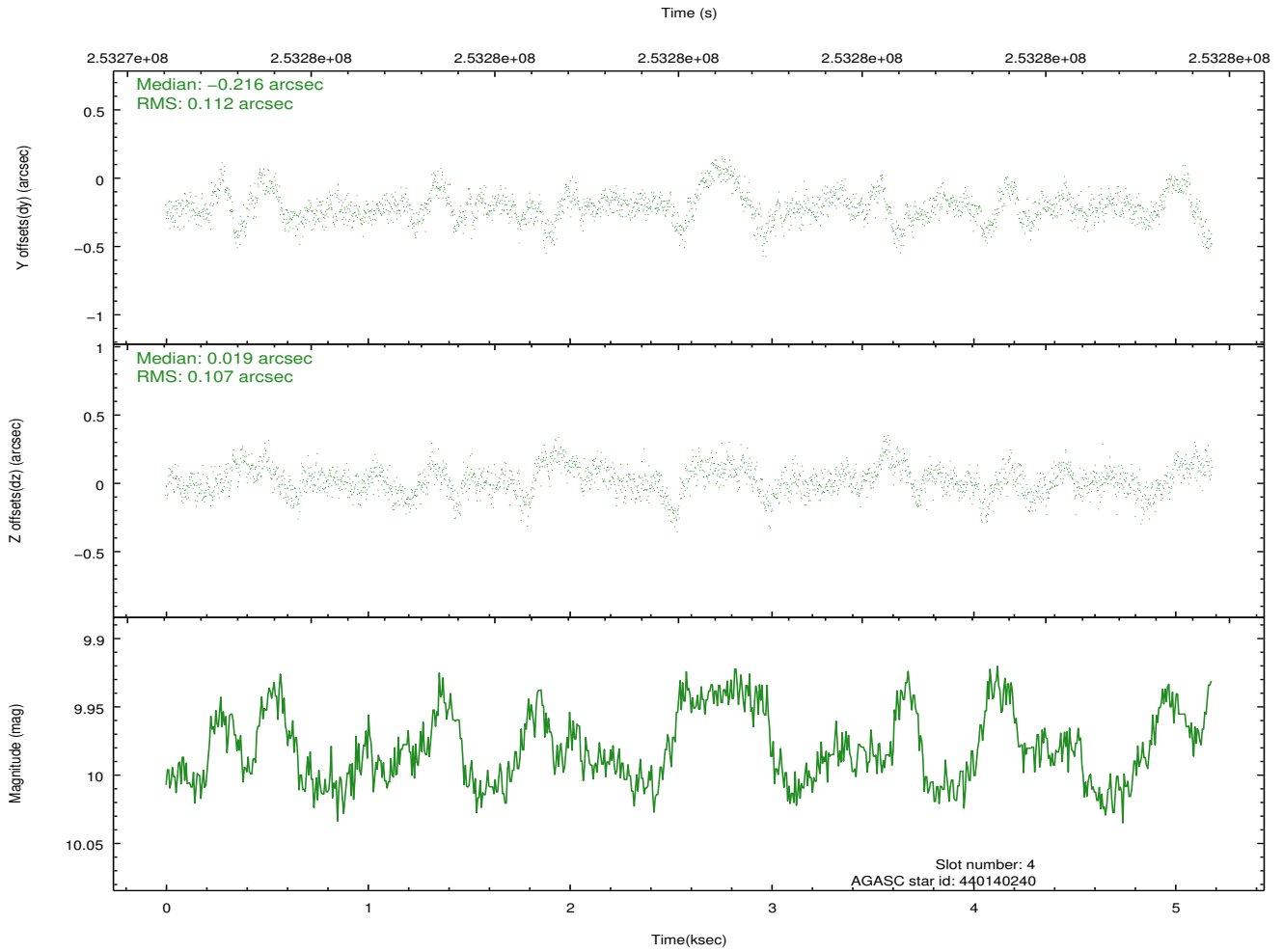
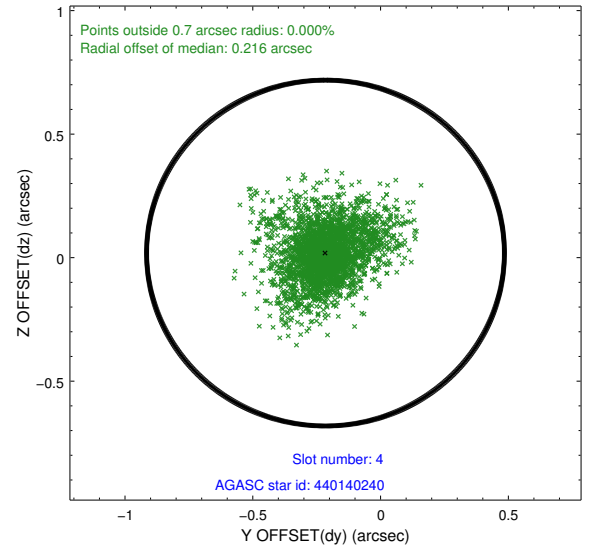
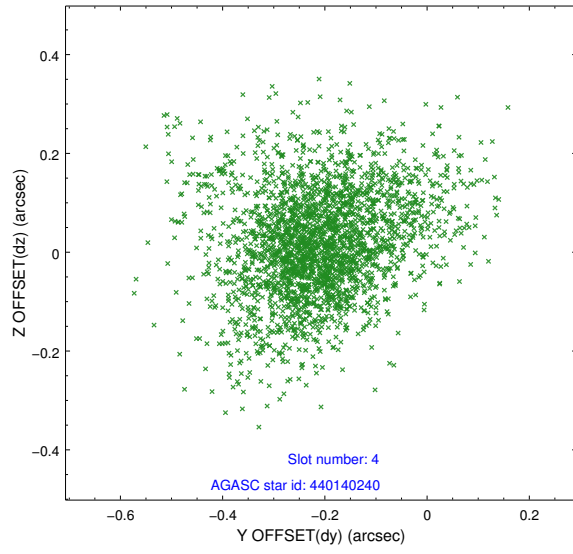
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.04	1264	0.025	-0.160	0.021	0.032	0.000000	0.000000	-765.45	-318.56
1	FID	HRC-I-2	7.14	1264	-0.211	0.303	0.012	0.018	0.000000	0.000000	843.55	-314.50
2	FID	HRC-I-3	7.07	1265	0.310	-0.230	0.029	0.039	0.000000	0.000000	-1196.18	1990.72
3	GUIDE	438455912	9.25	2528	0.202	-0.033	0.119	0.188	78.251946	45.690923	2208.66	-1351.14
4	GUIDE	440140240	9.98	2527	-0.216	0.019	0.160	0.285	78.889349	46.726437	-1804.68	-1907.15
5	GUIDE	440150048	7.13	2529	-0.137	-0.047	0.086	0.129	79.112838	46.416060	-1138.07	-854.73
6	GUIDE	440163960	8.88	2527	0.022	-0.040	0.084	0.135	79.298370	45.827072	430.61	645.87
7	GUIDE	438460832	9.00	2528	0.121	0.101	0.107	0.172	78.414614	45.554782	2420.30	-747.90

2.4 Star Slots

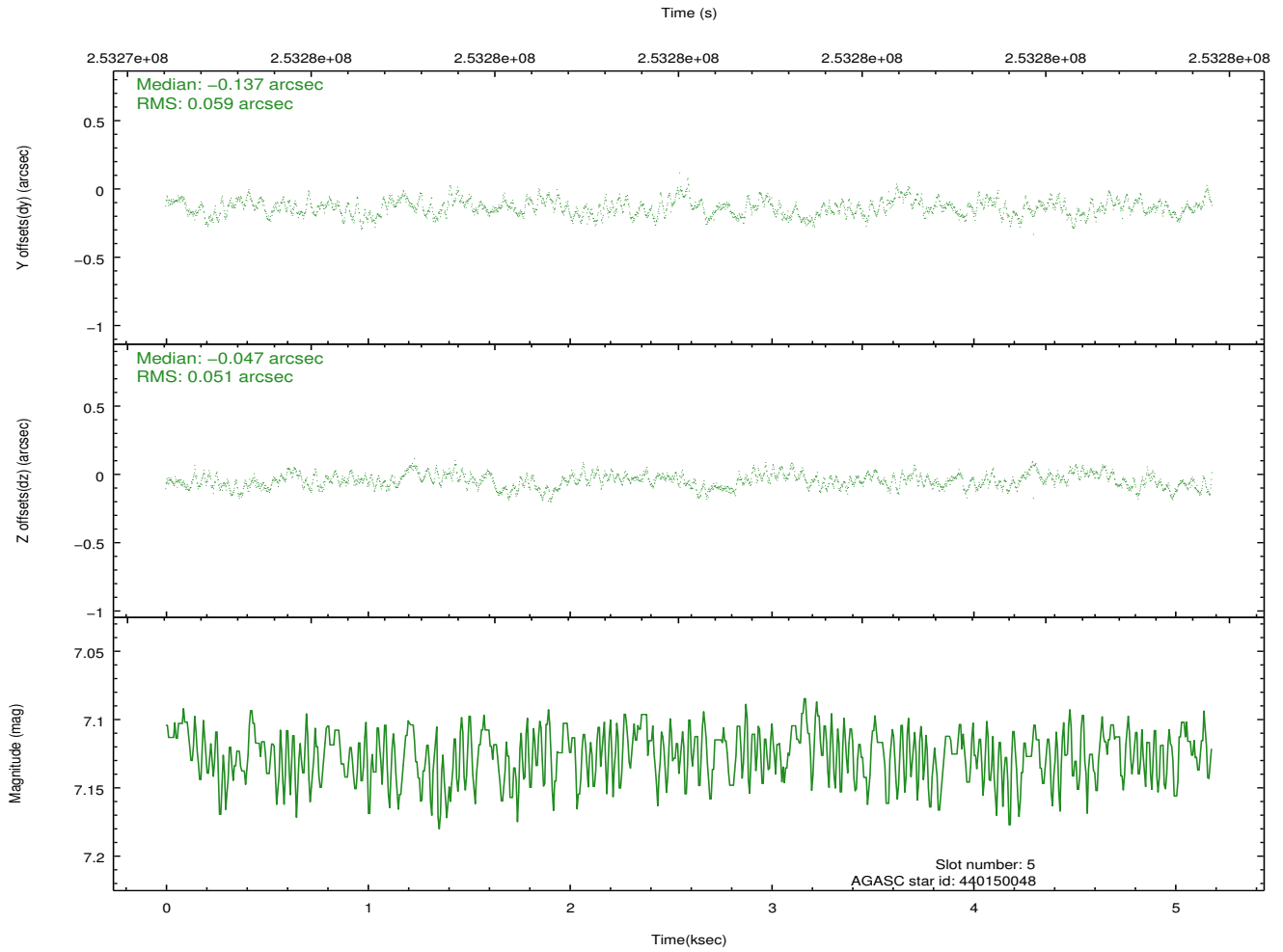
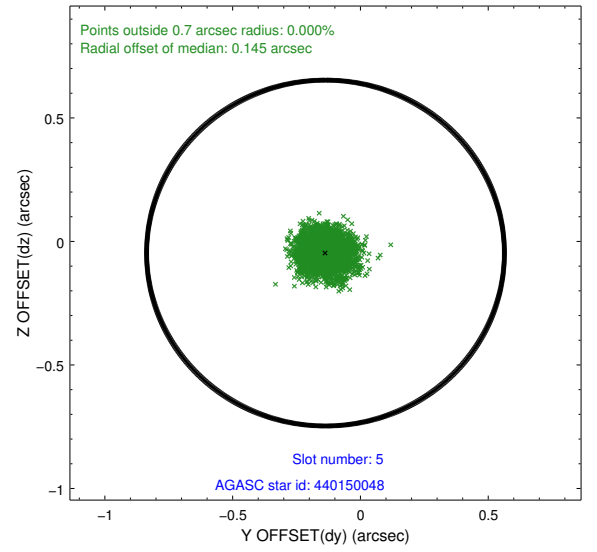
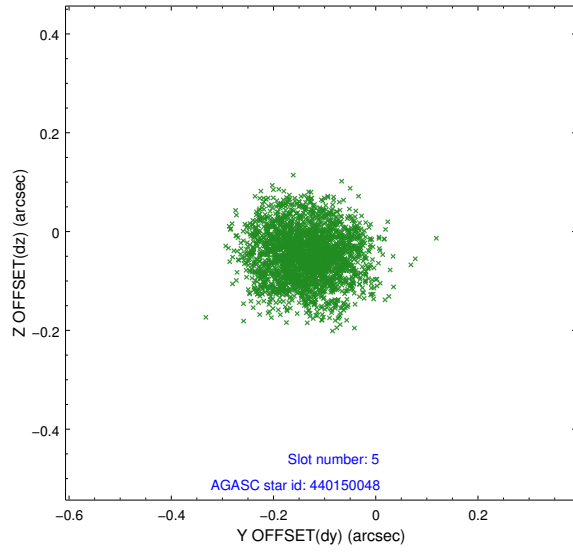
2.4.1 Slot 3



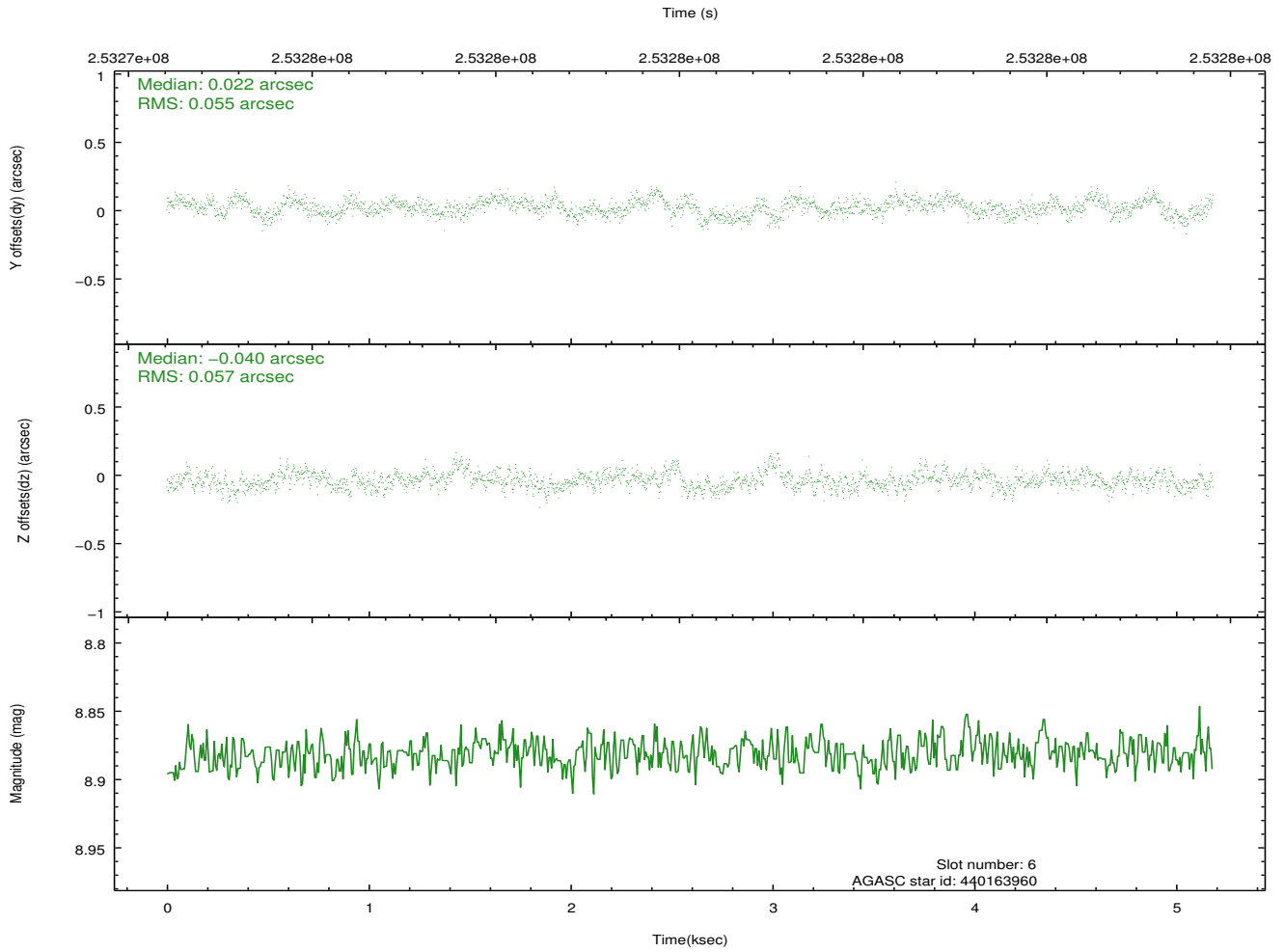
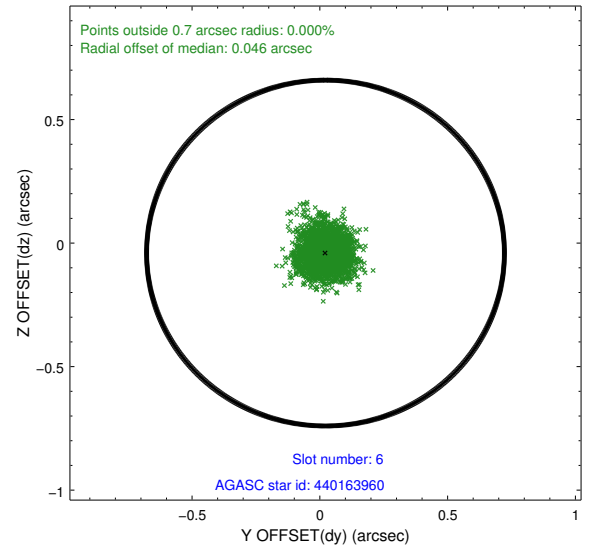
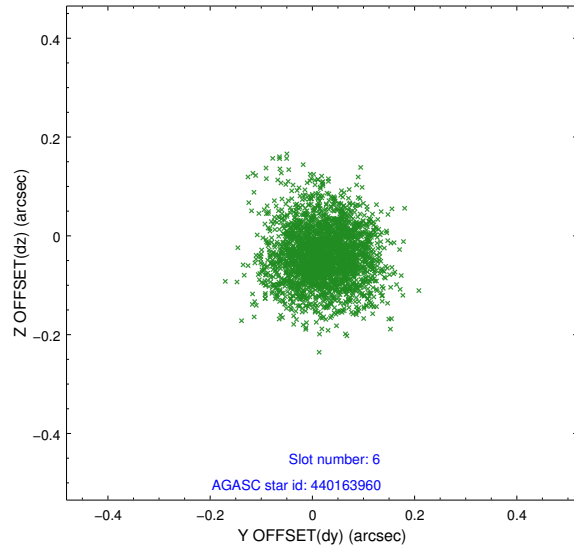
2.4.2 Slot 4



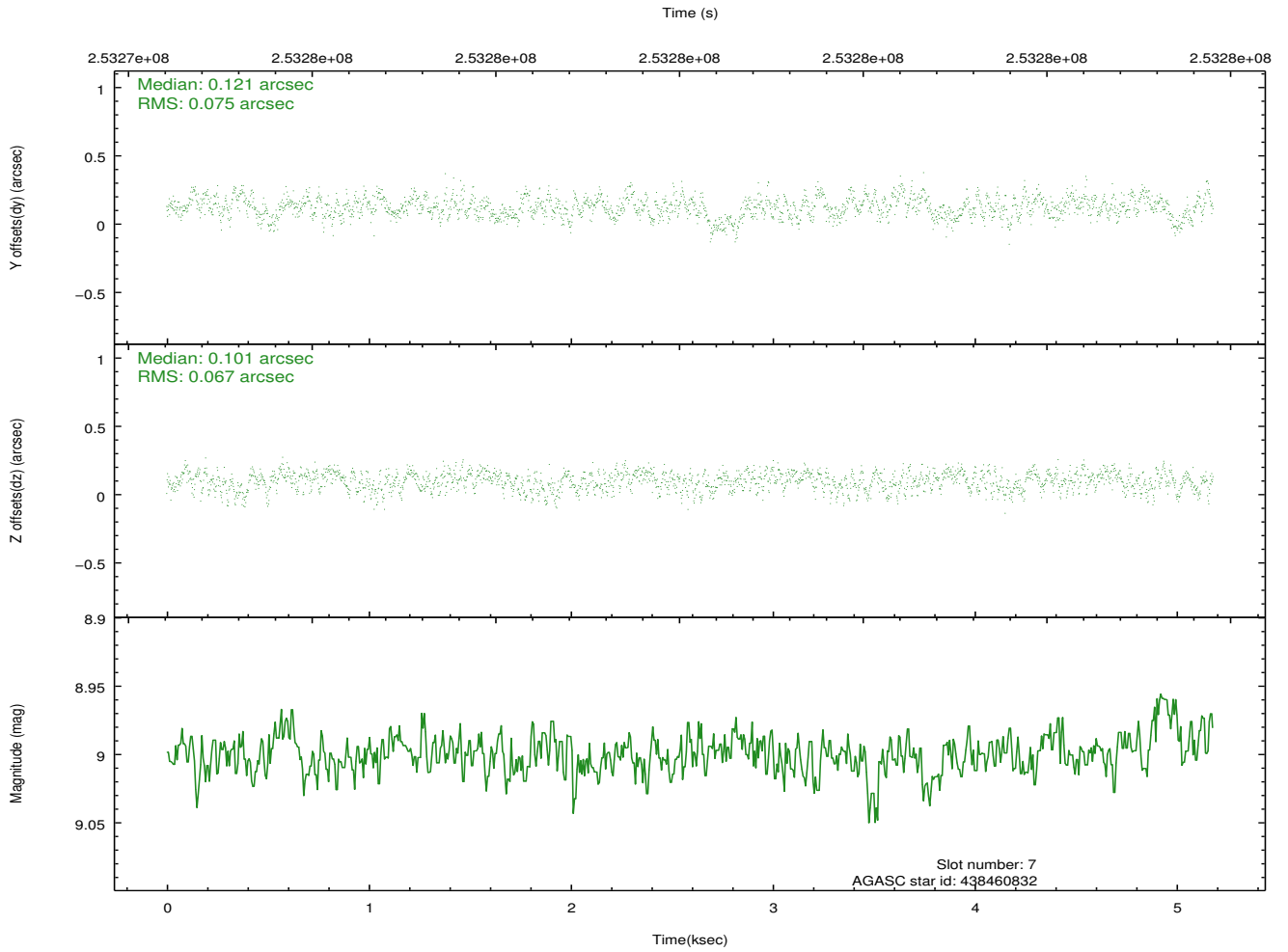
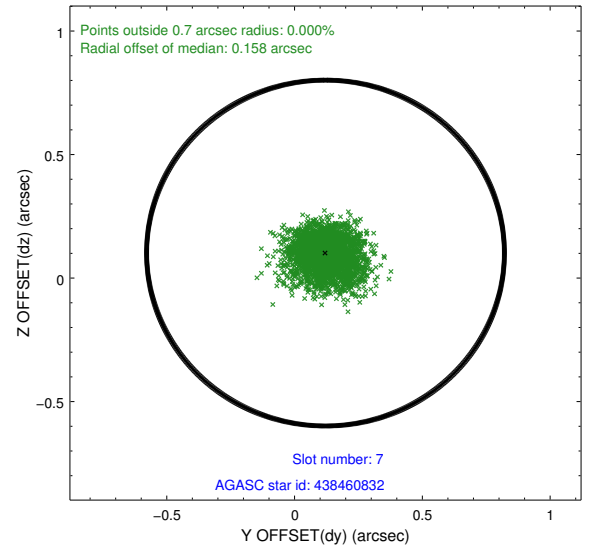
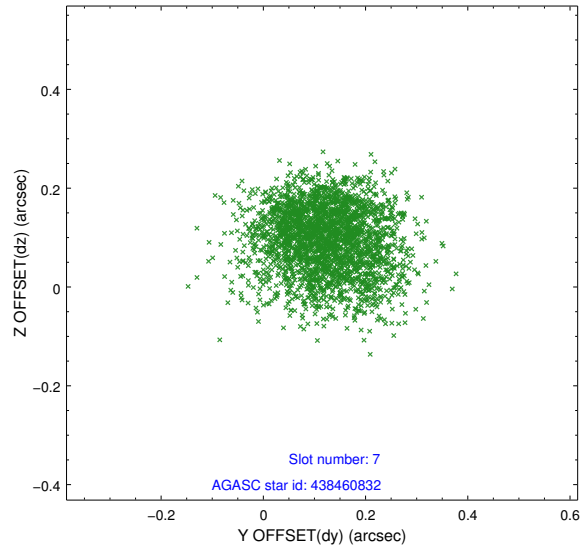
2.4.3 Slot 5



2.4.4 Slot 6

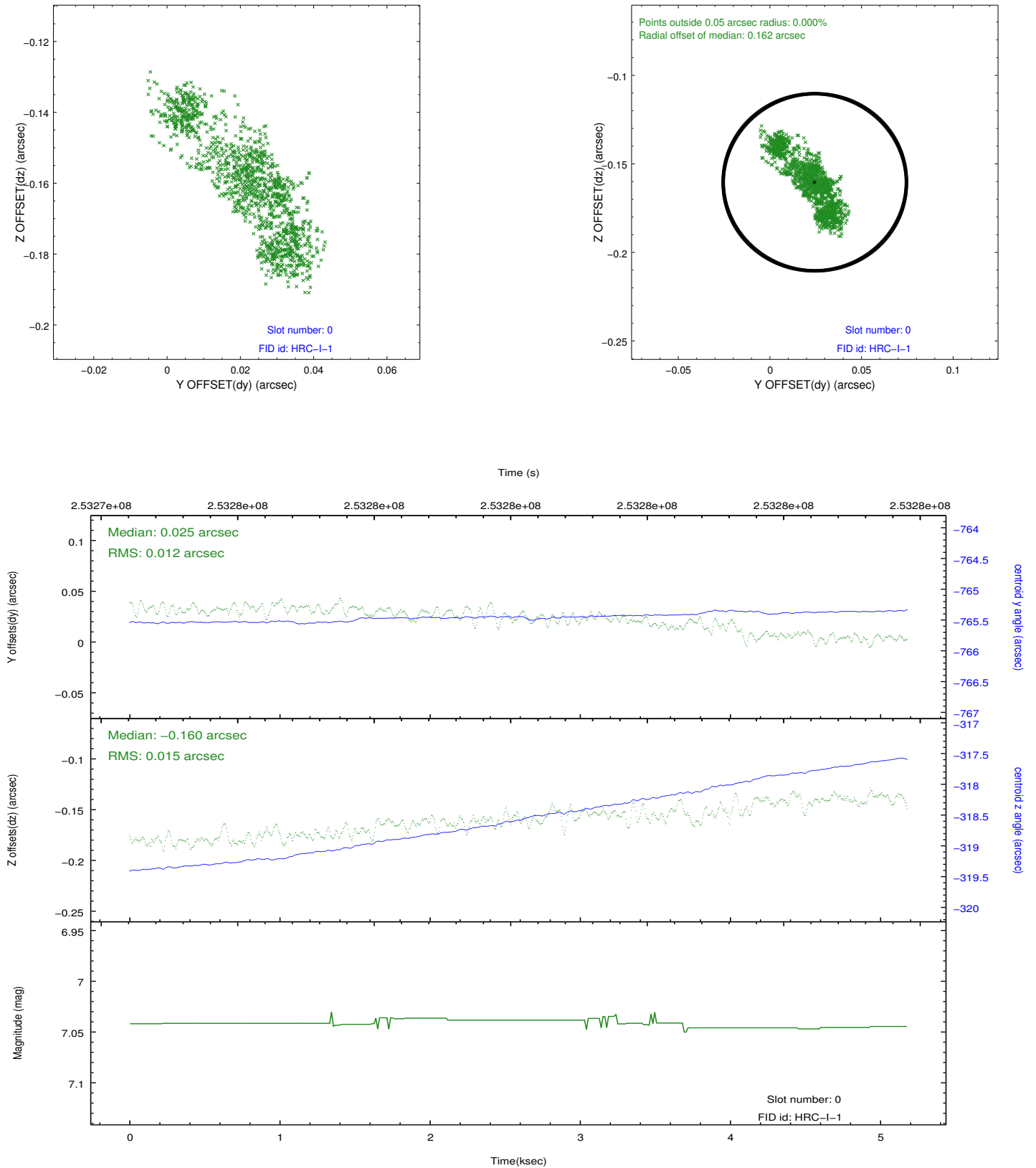


2.4.5 Slot 7

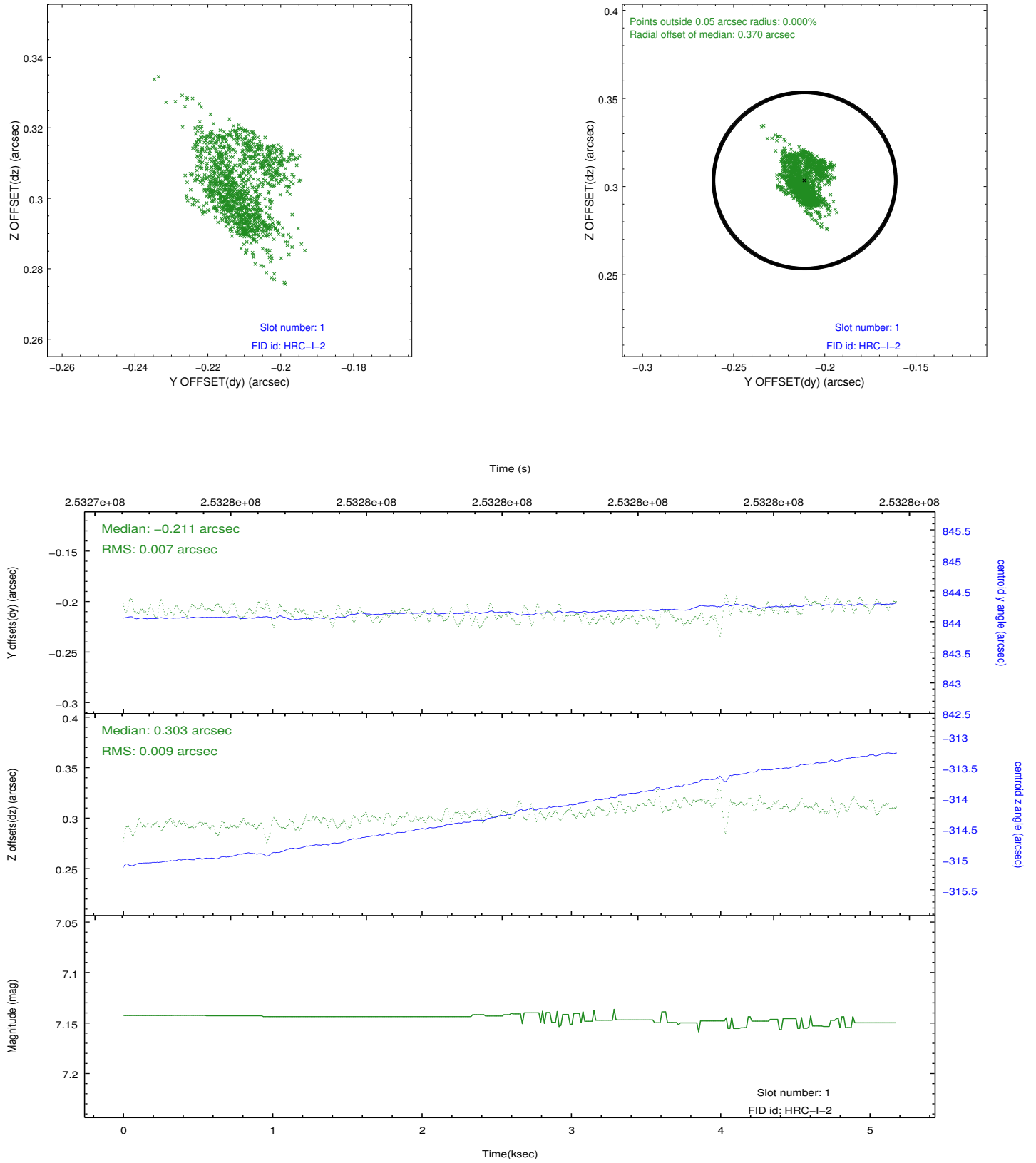


2.5 FID Slots

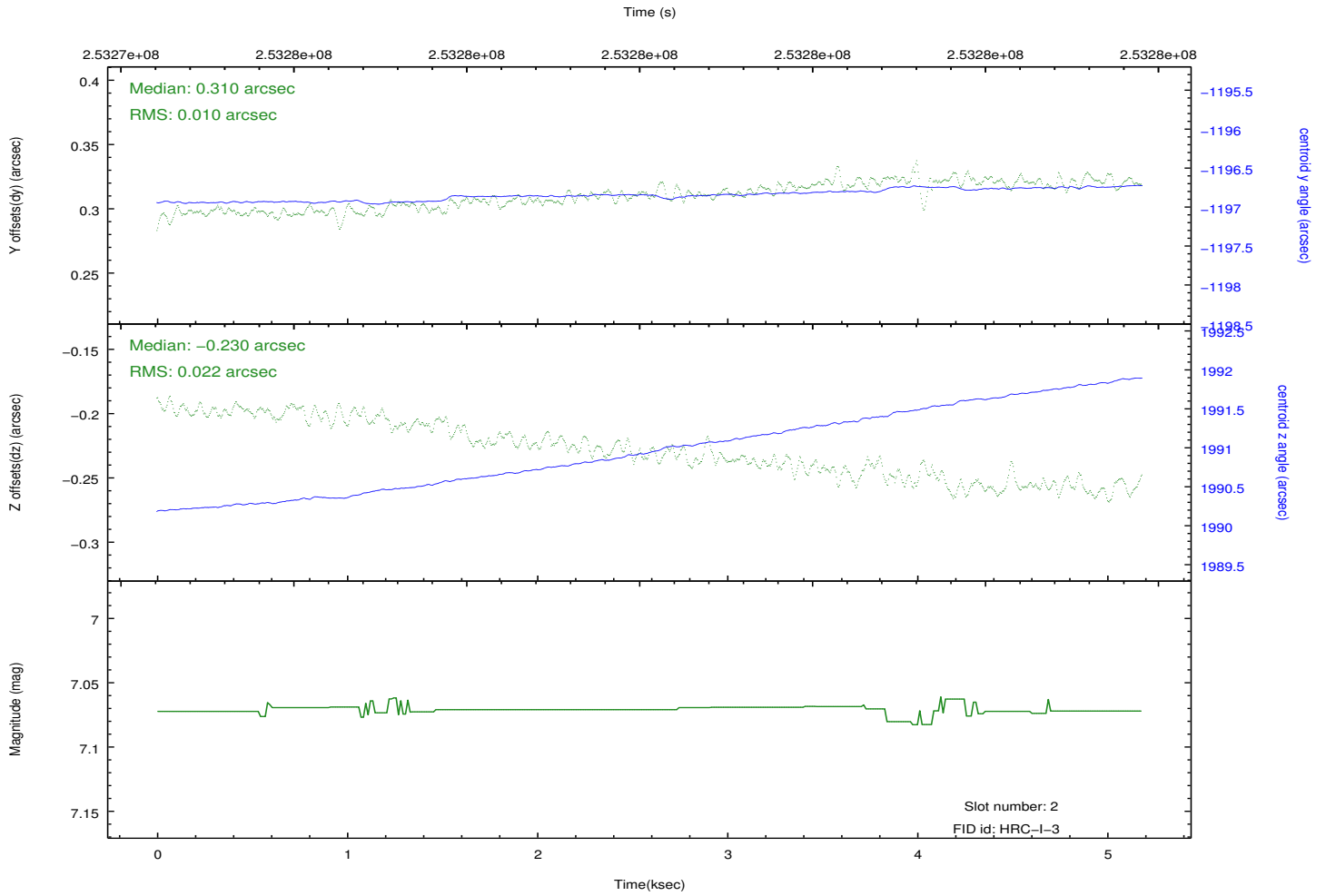
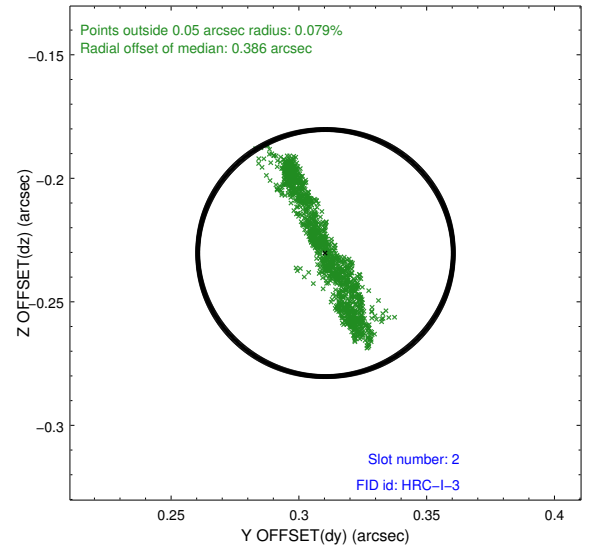
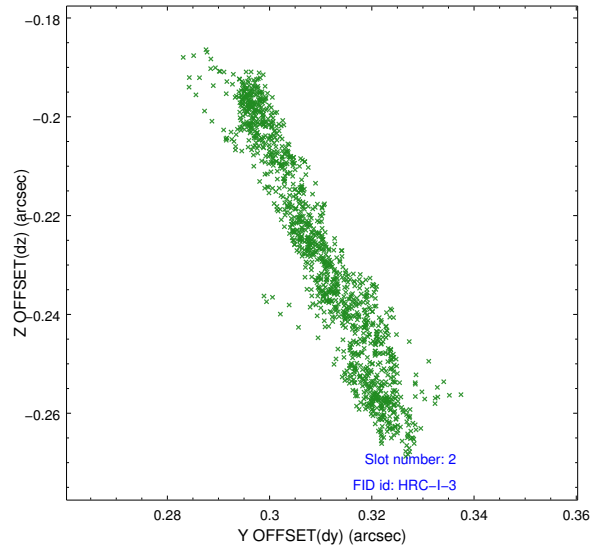
2.5.1 Slot 0



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	5.18163148

A.2 Comments