

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6556 - L2 Version 4
Chandra X-Ray Center

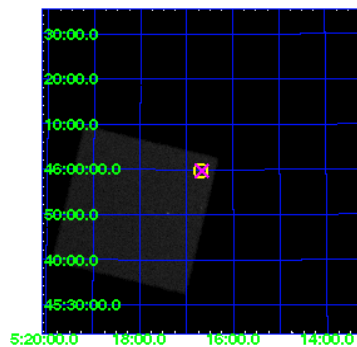
L2 Processing Date : Aug 10 2012

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1 Front

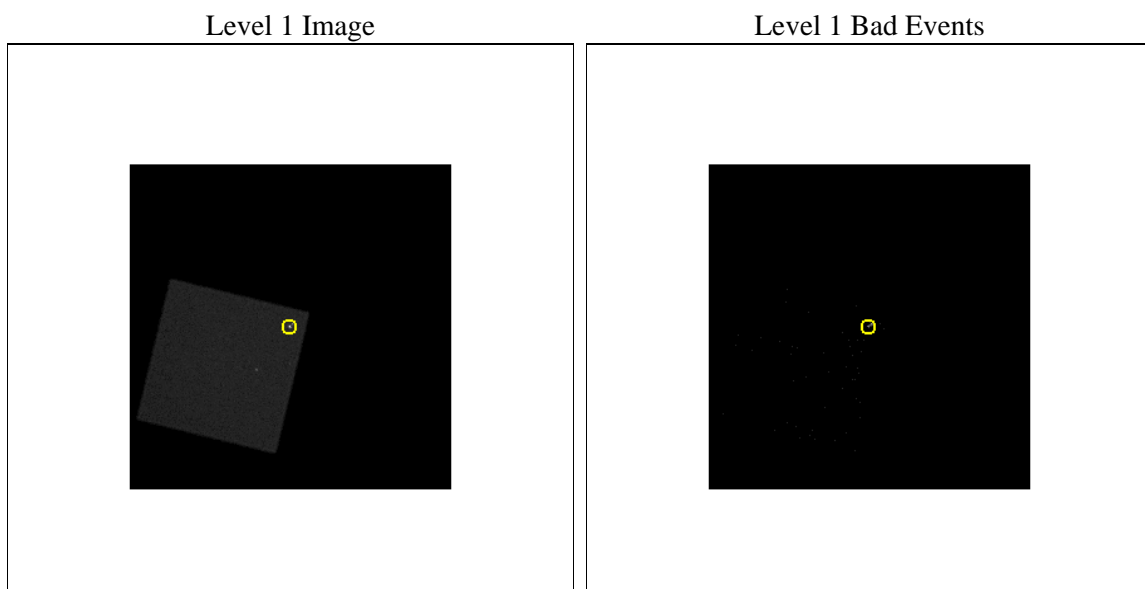
seq_num	290649	Sequence number
obs_id	6556	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.168033401687	Nominal RA [deg]
dec_nom	45.995614252998	Nominal Dec [deg]
roll_nom	238.62008444606	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5187.7814904749	[s]
livetime	5141.8058301248	Ontime multiplied by DTCOR
l2events	305584	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	5187.7814904749	[s]
caldbver	4.5.1.1	 	l1events	439142	Number of level 1 events
date	2012-08-10T22:24:36	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

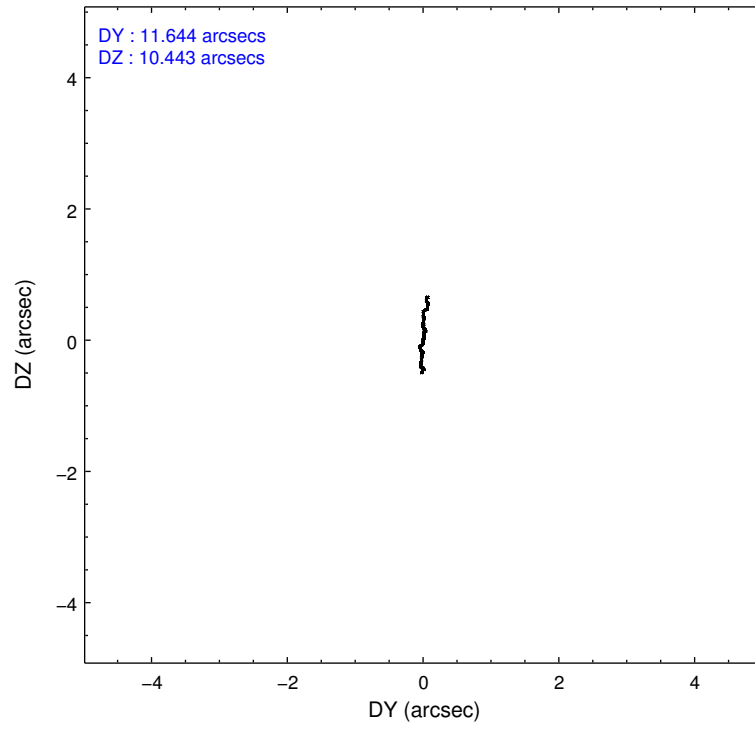
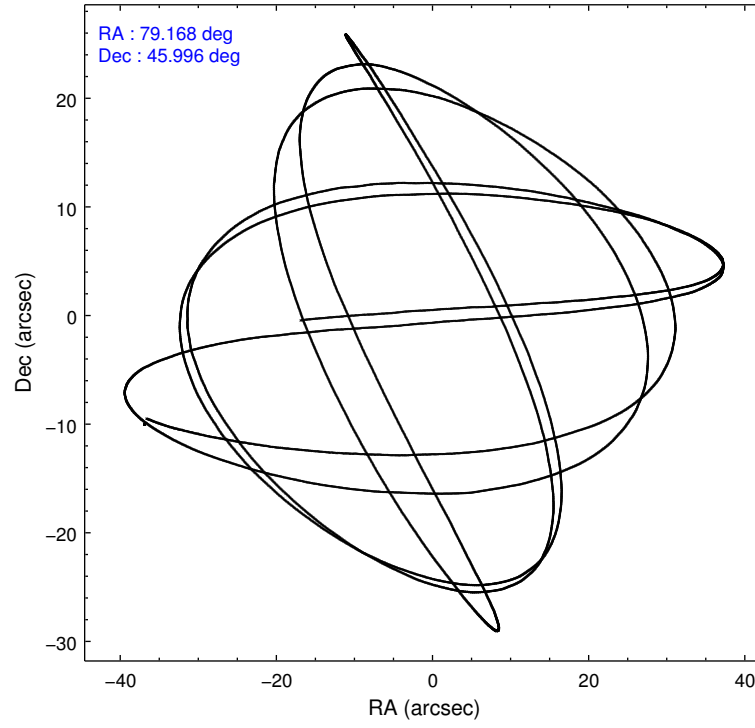
	segment 0
level 1 events	439142
rejected events	25532
rejected %	5%

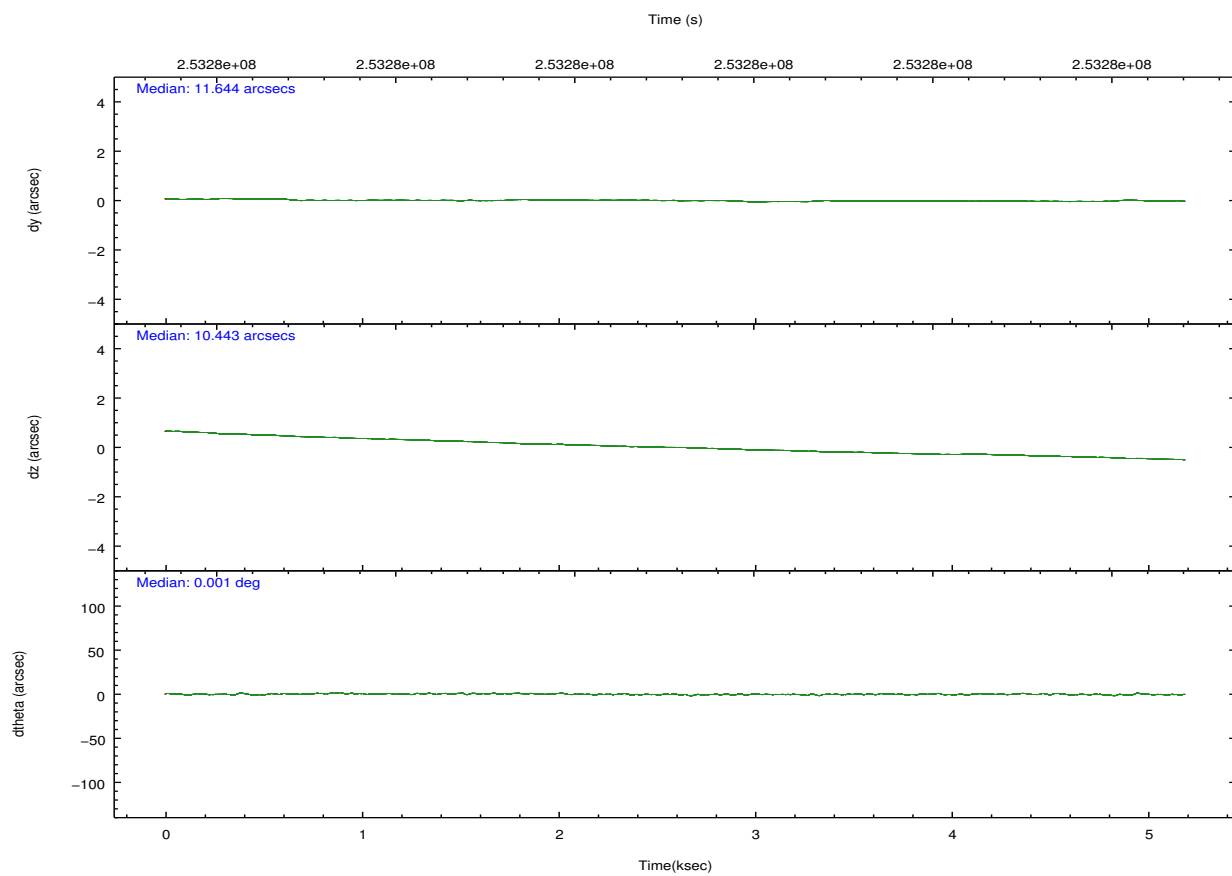
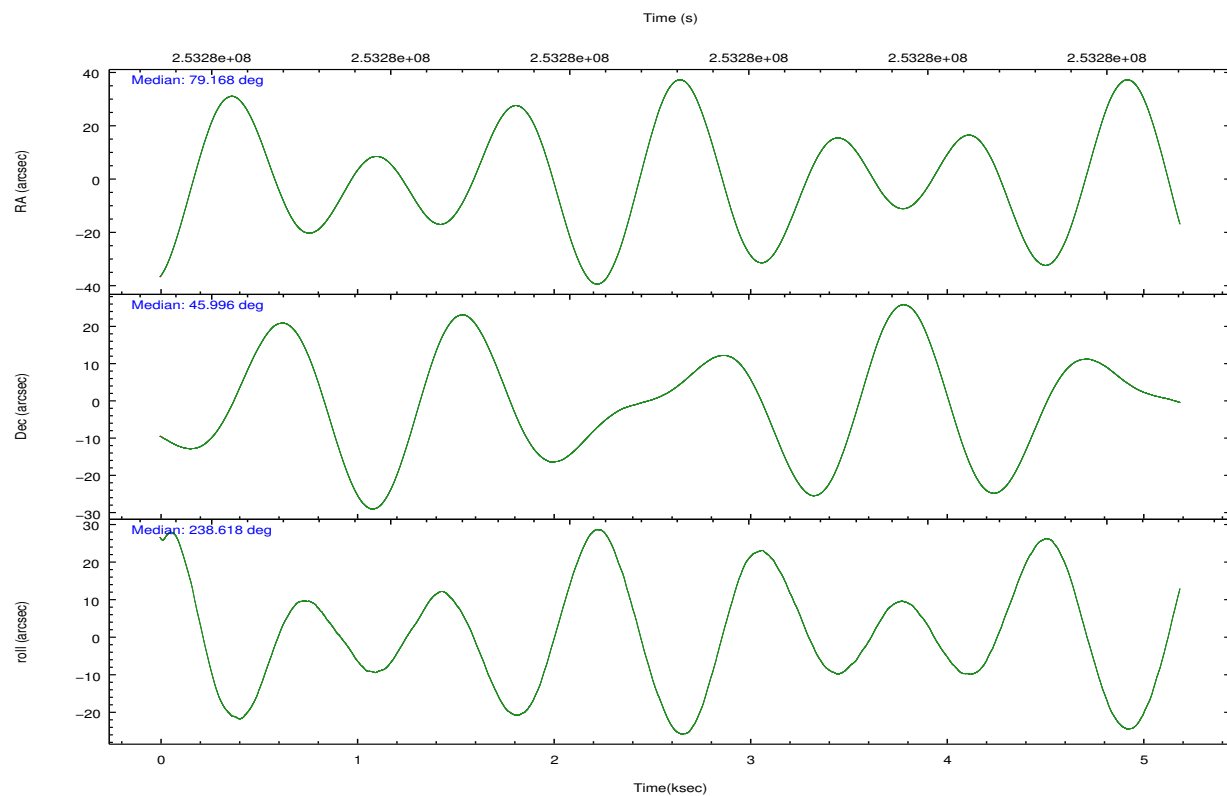
2.2 Compared Parameters

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	79.167681	79.1680334016865
[deg] Pointing Dec	46.022661	45.99561425299792
[deg] Pointing Roll	238.715836	238.620084446065
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	75.985494	75.99517998965101
[mm] SIM translation stage offset	51	50.99030890195056
[s] Observation start time (MET)	253280153.184000	253279776.3039
Observation start date	2006-01-10T11:34:48	2006-01-10T11:29:36
[s] Observation end time (MET)	253285153.184000	253285286.70415
Observation end date	2006-01-10T12:58:08	2006-01-10T13:01:26

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

2.3 Aspect



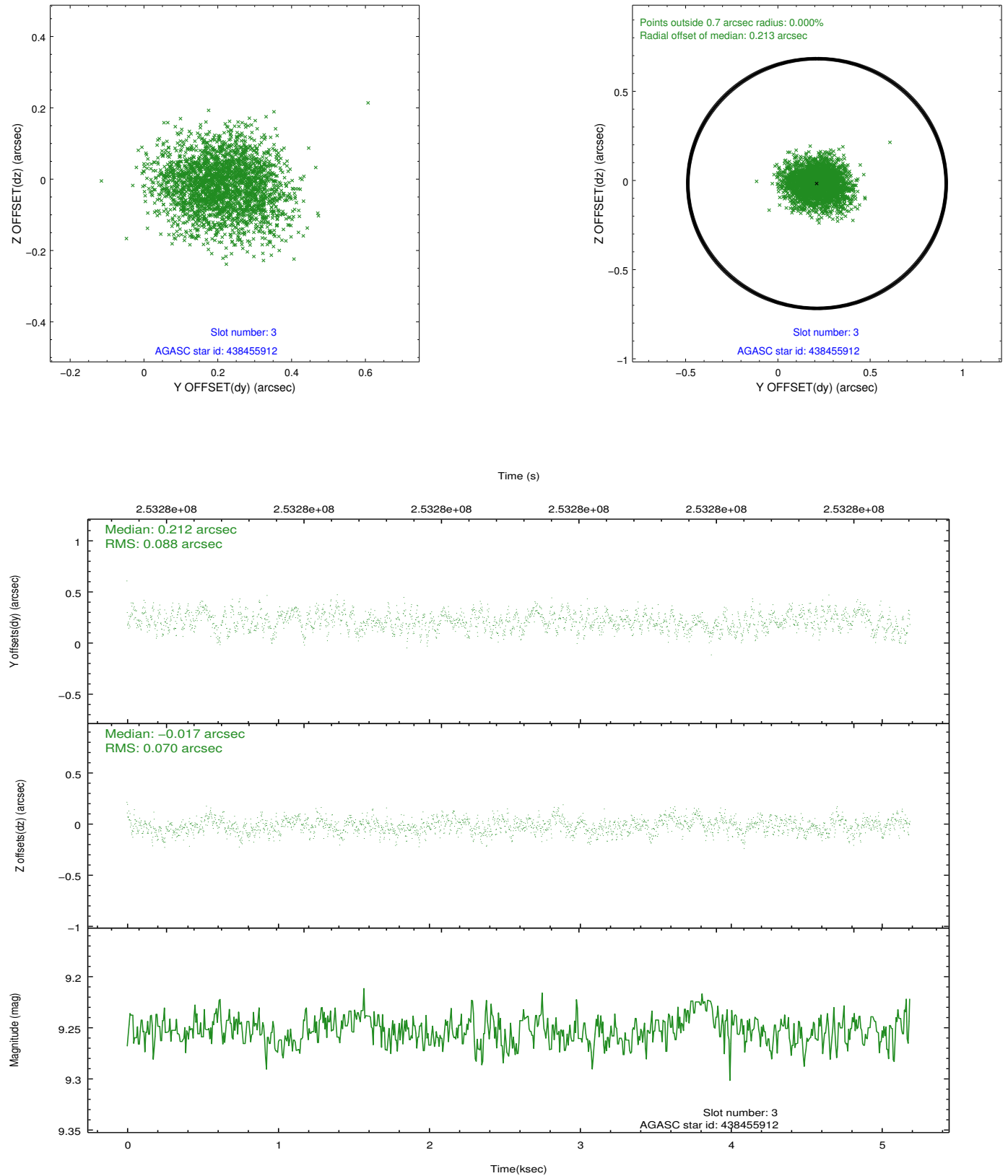


Slot Statistics

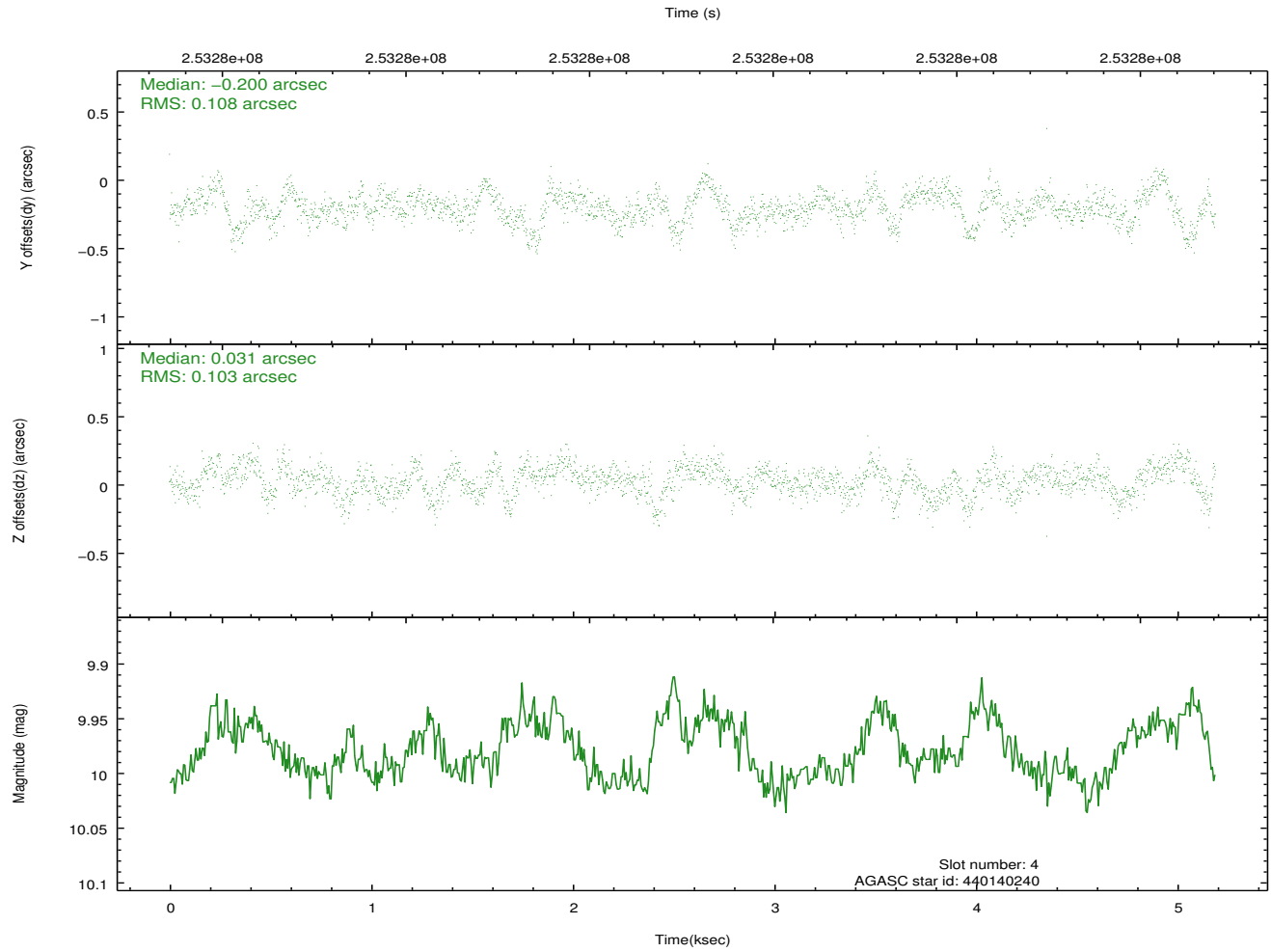
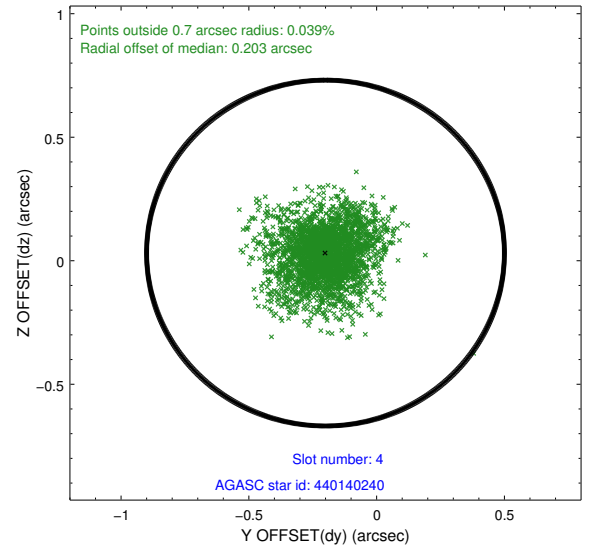
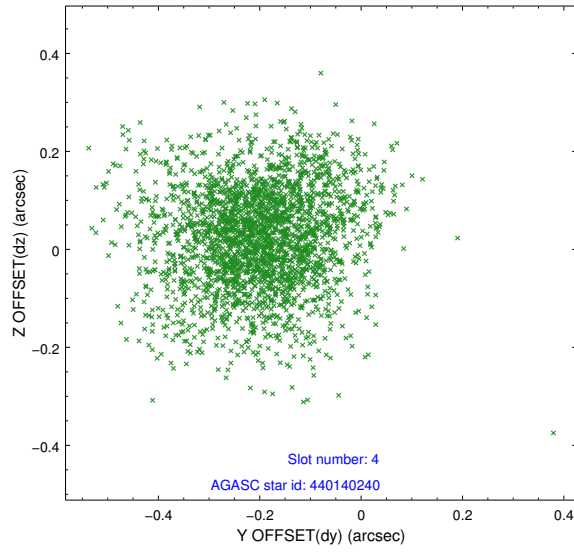
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.04	1266	-0.033	-0.223	0.009	0.015	0.000000	0.000000	-765.34	-255.57
1	FID	HRC-I-2	7.13	1265	-0.073	0.222	0.011	0.019	0.000000	0.000000	843.68	-251.54
2	FID	HRC-I-3	7.08	1266	0.227	-0.085	0.009	0.017	0.000000	0.000000	-1196.18	2053.98
3	GUIDE	438455912	9.25	2531	0.212	-0.017	0.121	0.190	78.251946	45.690923	2206.52	-1355.19
4	GUIDE	440140240	9.98	2532	-0.200	0.031	0.157	0.264	78.889349	46.726437	-1807.77	-1904.42
5	GUIDE	440150048	7.13	2532	-0.151	-0.049	0.083	0.130	79.112838	46.416060	-1139.40	-853.15
6	GUIDE	440163960	8.88	2530	0.016	-0.035	0.076	0.131	79.298370	45.827072	431.80	644.81
7	GUIDE	438460832	9.00	2529	0.116	0.077	0.106	0.175	78.414614	45.554782	2419.14	-752.32

2.4 Star Slots

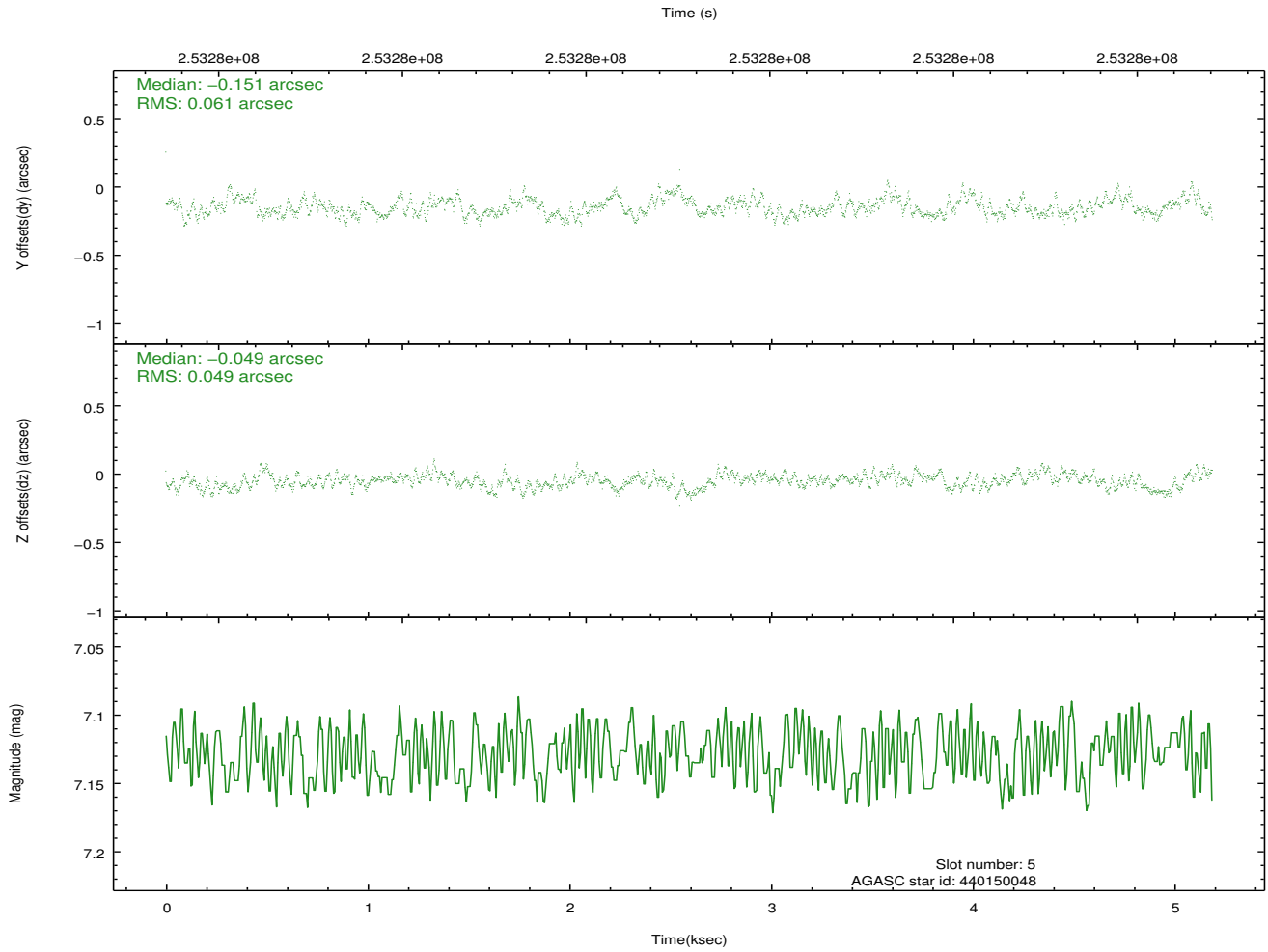
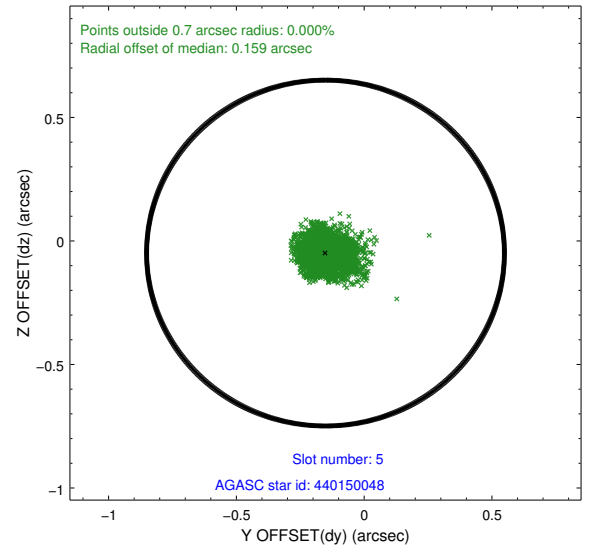
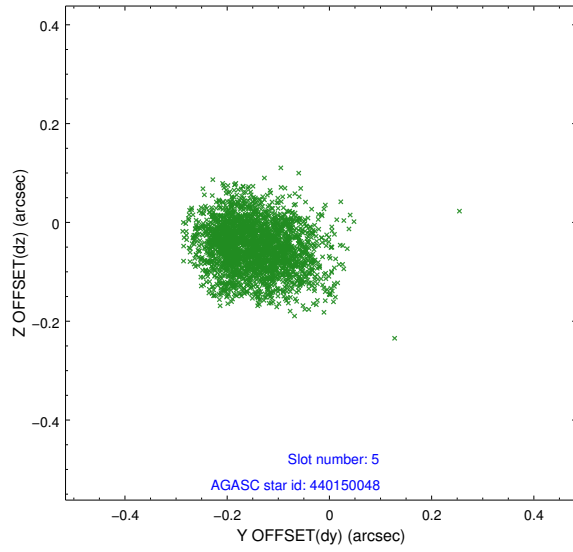
2.4.1 Slot 3



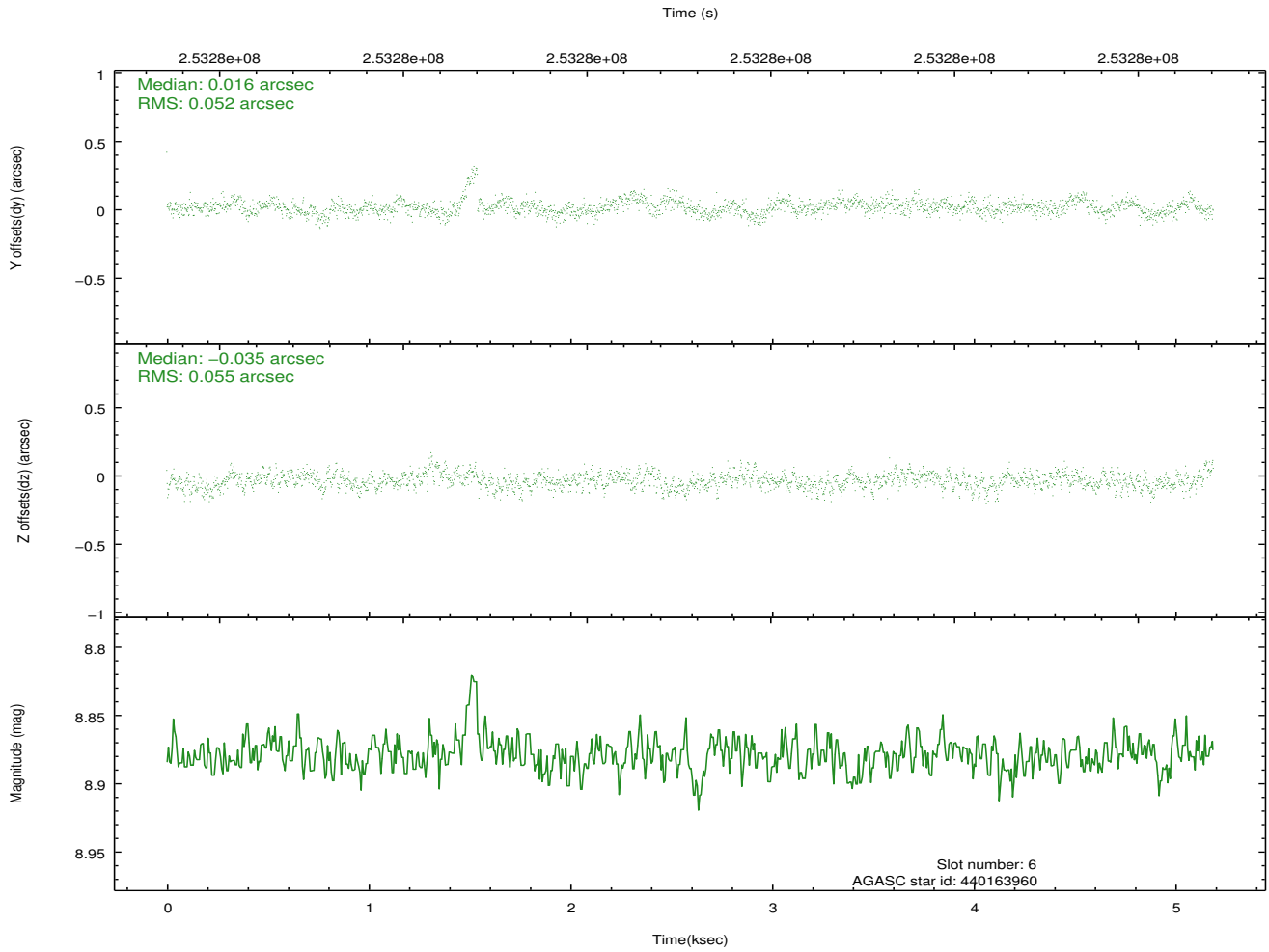
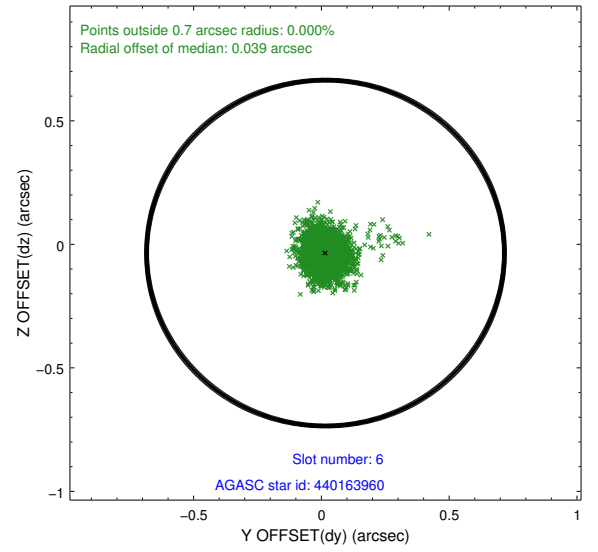
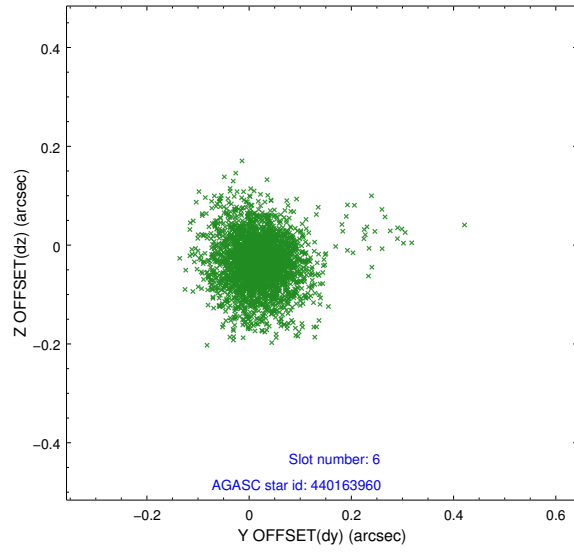
2.4.2 Slot 4



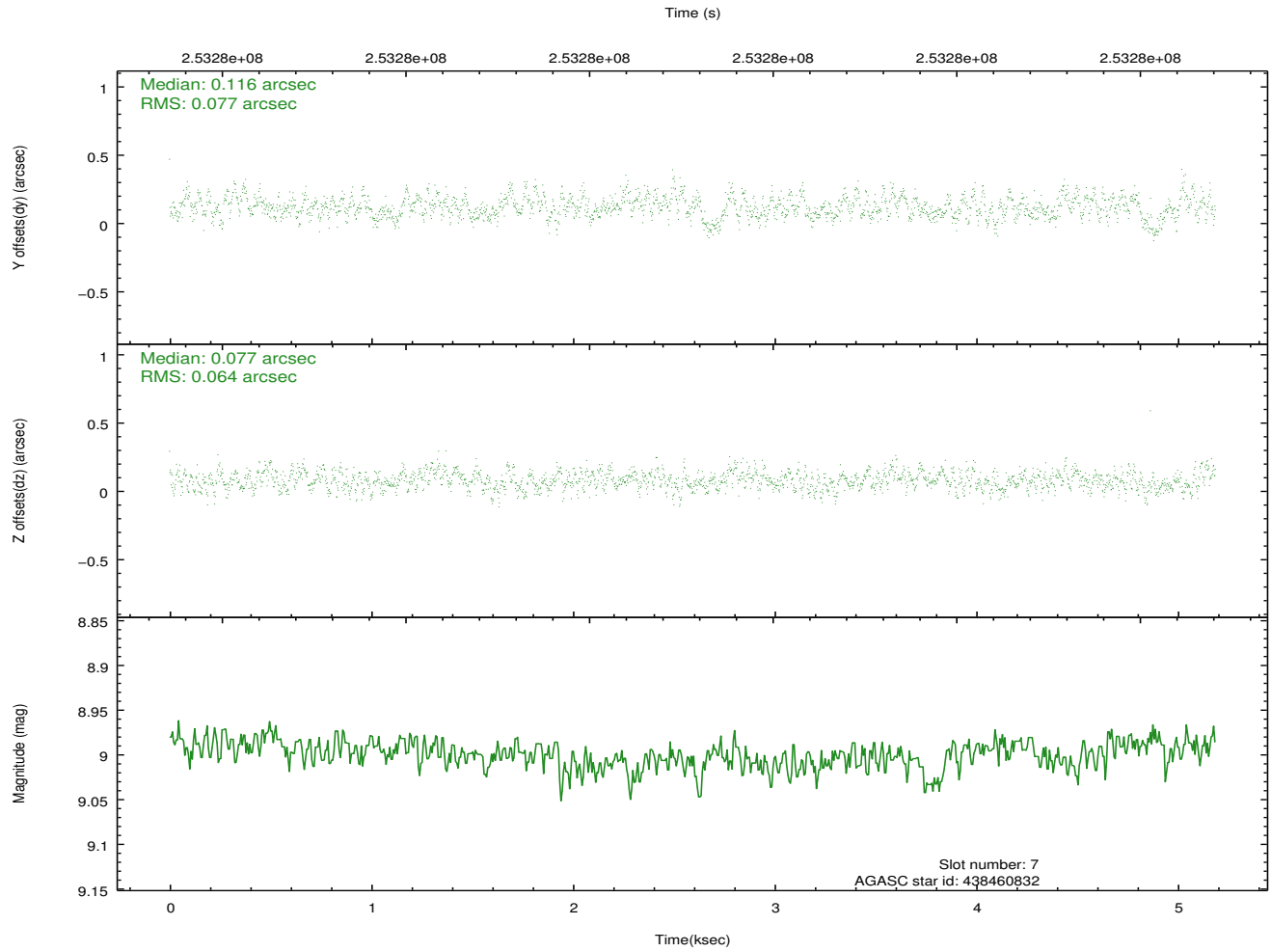
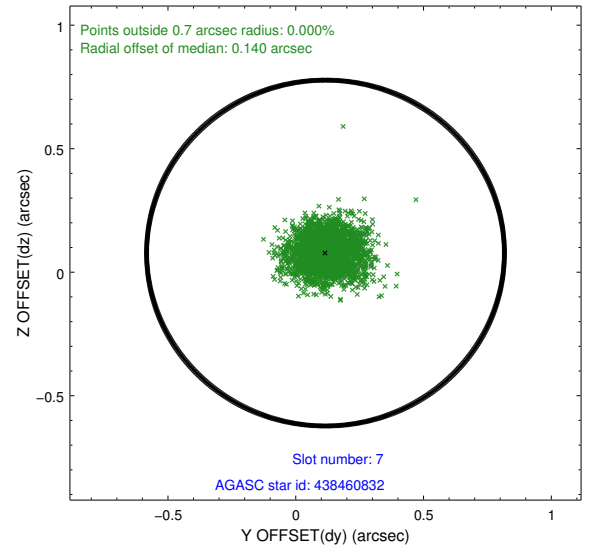
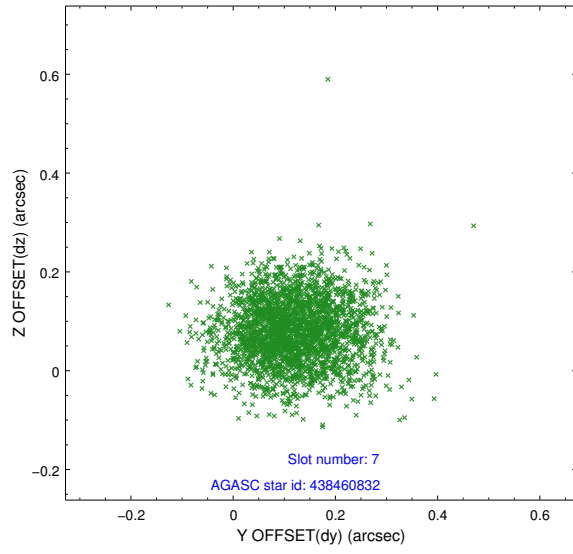
2.4.3 Slot 5



2.4.4 Slot 6

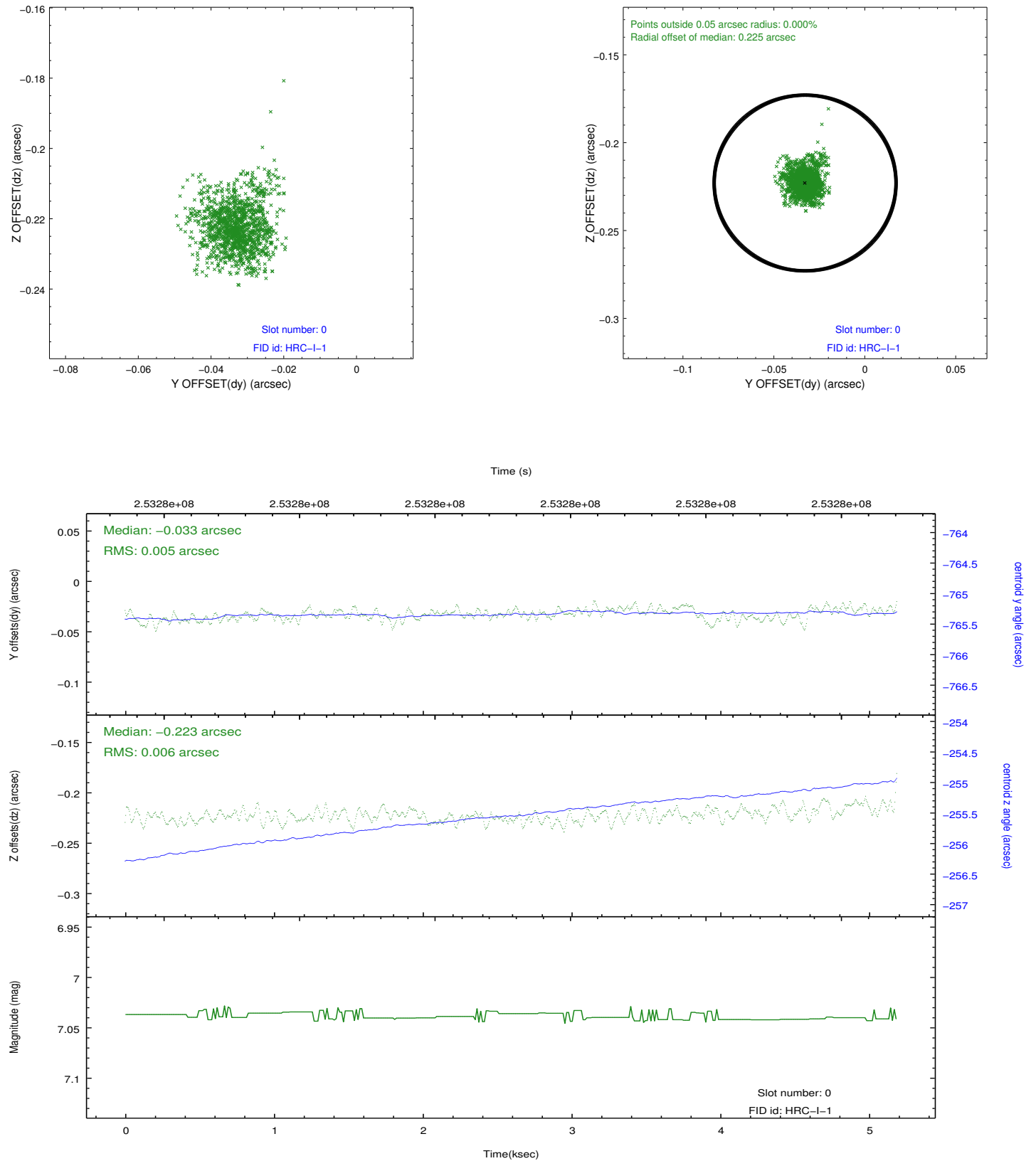


2.4.5 Slot 7

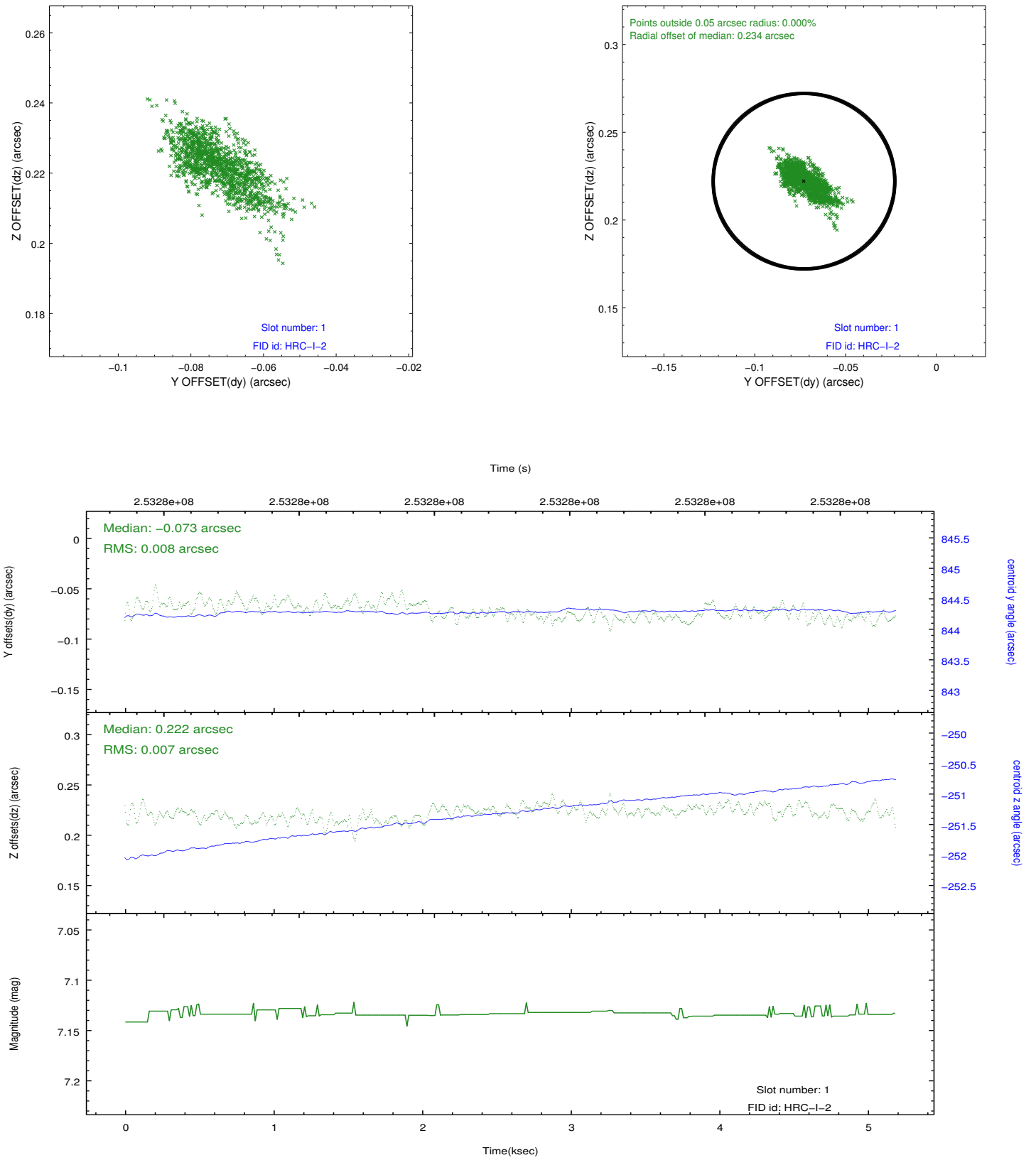


2.5 FID Slots

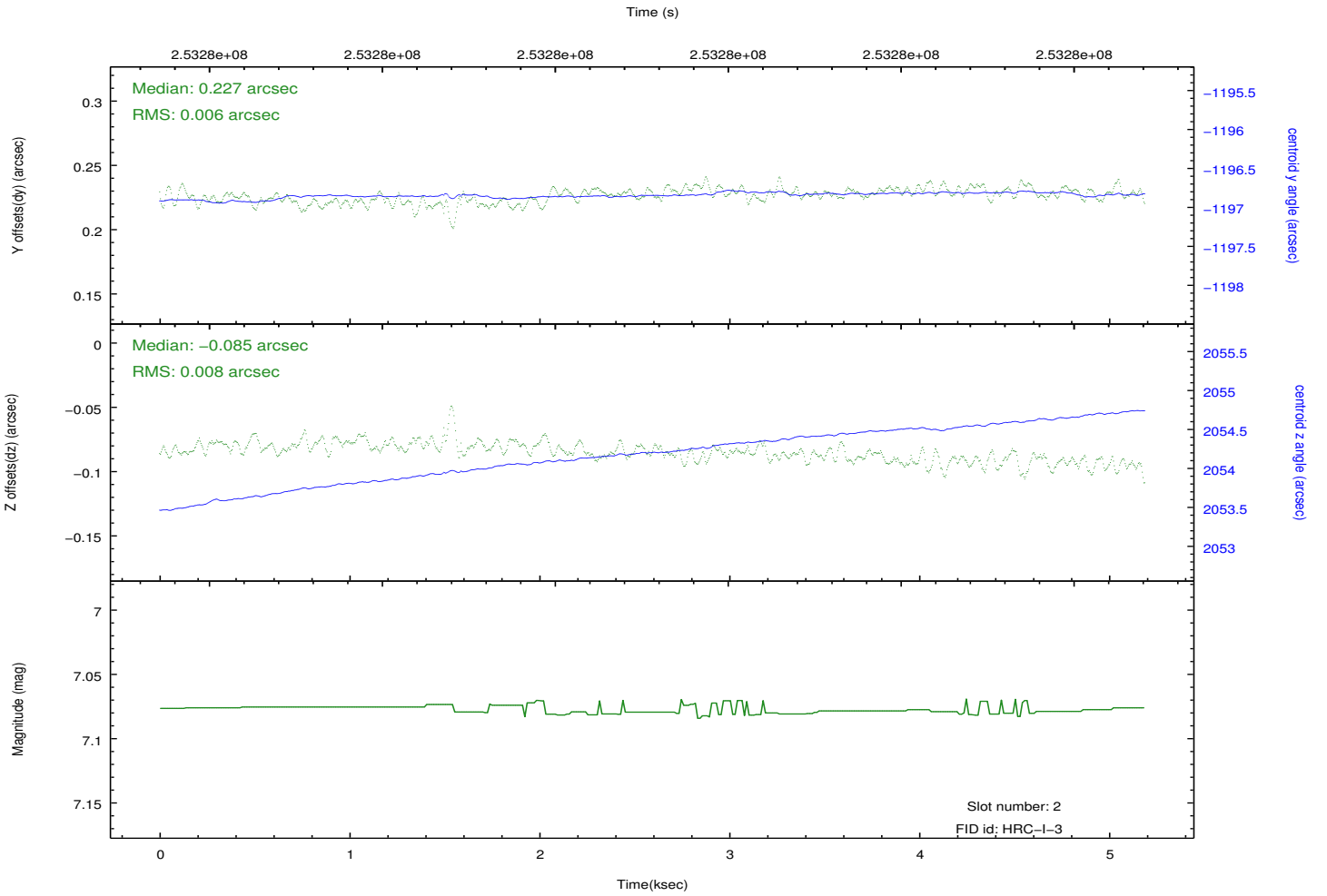
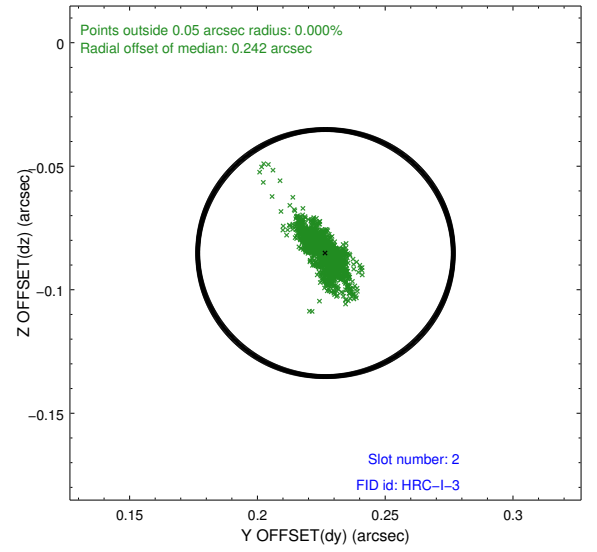
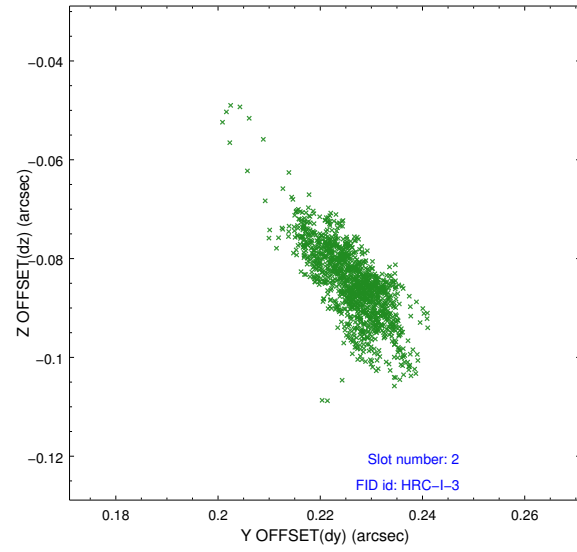
2.5.1 Slot 0



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	5.18778149

A.2 Comments