

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11940 - L2 Version 2
Chandra X-Ray Center

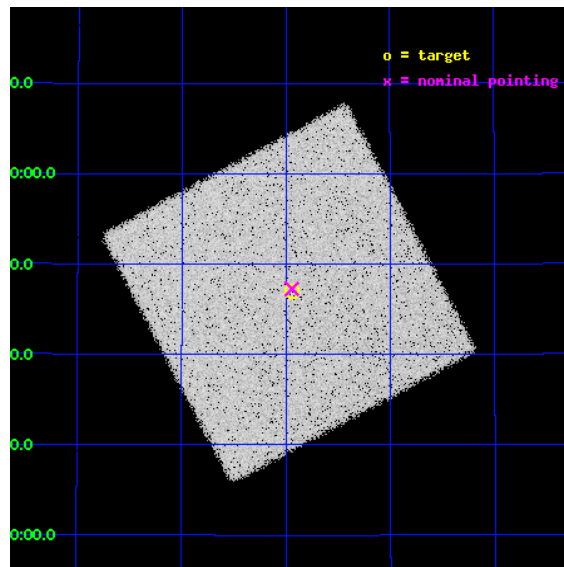
L2 Processing Date : Jun 27 2012

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

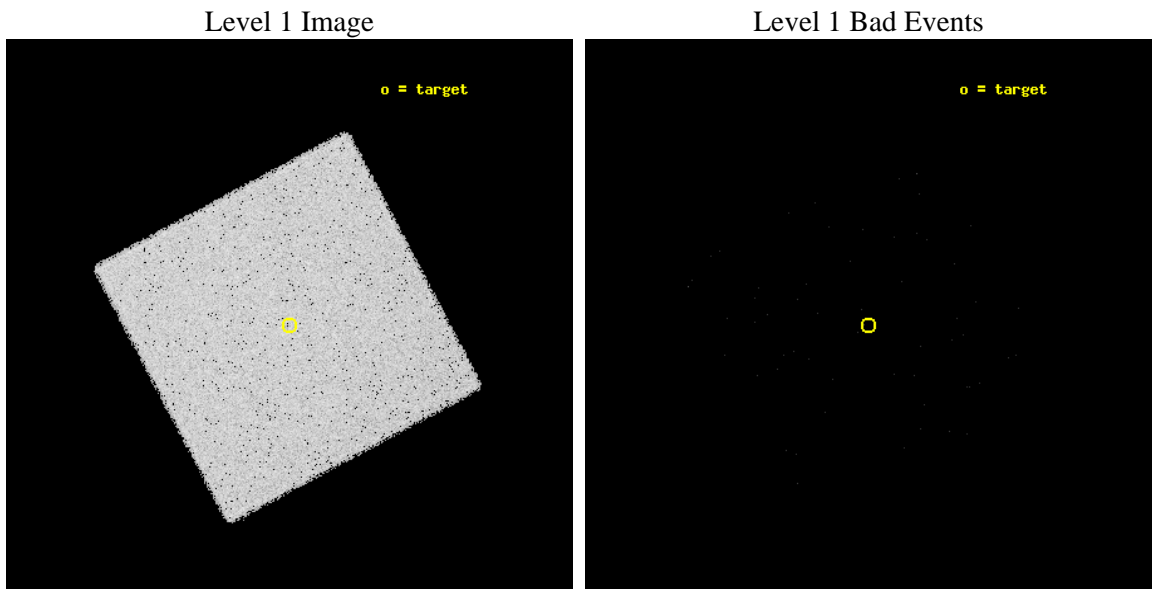
seq_num	290929	Sequence number
obs_id	11940	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23564535975	Nominal RA [deg]
dec_nom	38.78807568911	Nominal Dec [deg]
roll_nom	107.00062591138	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2182.4813608527	[s]
liveltime	2158.4641591072	Ontime multiplied by DTCOR
l2events	160284	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2182.4813608527	[s]
caldbver	4.5.0	 	l1events	240820	Number of level 1 events
date	2012-06-27T18:11:53	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

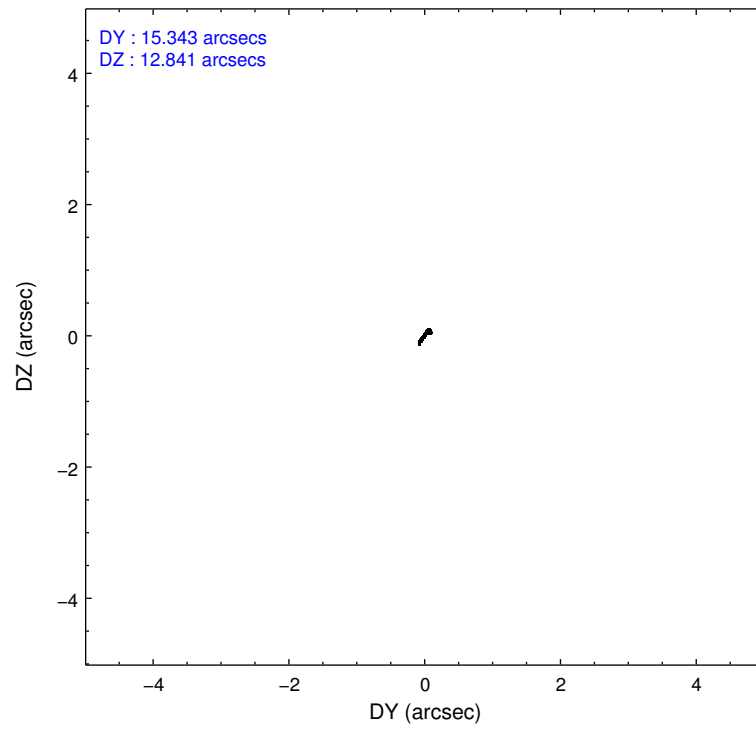
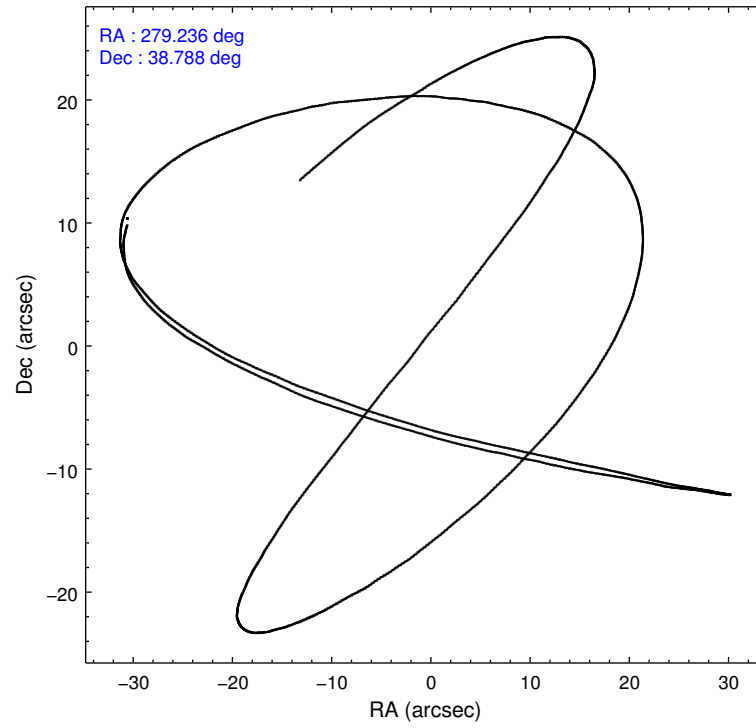
Level 1 Events

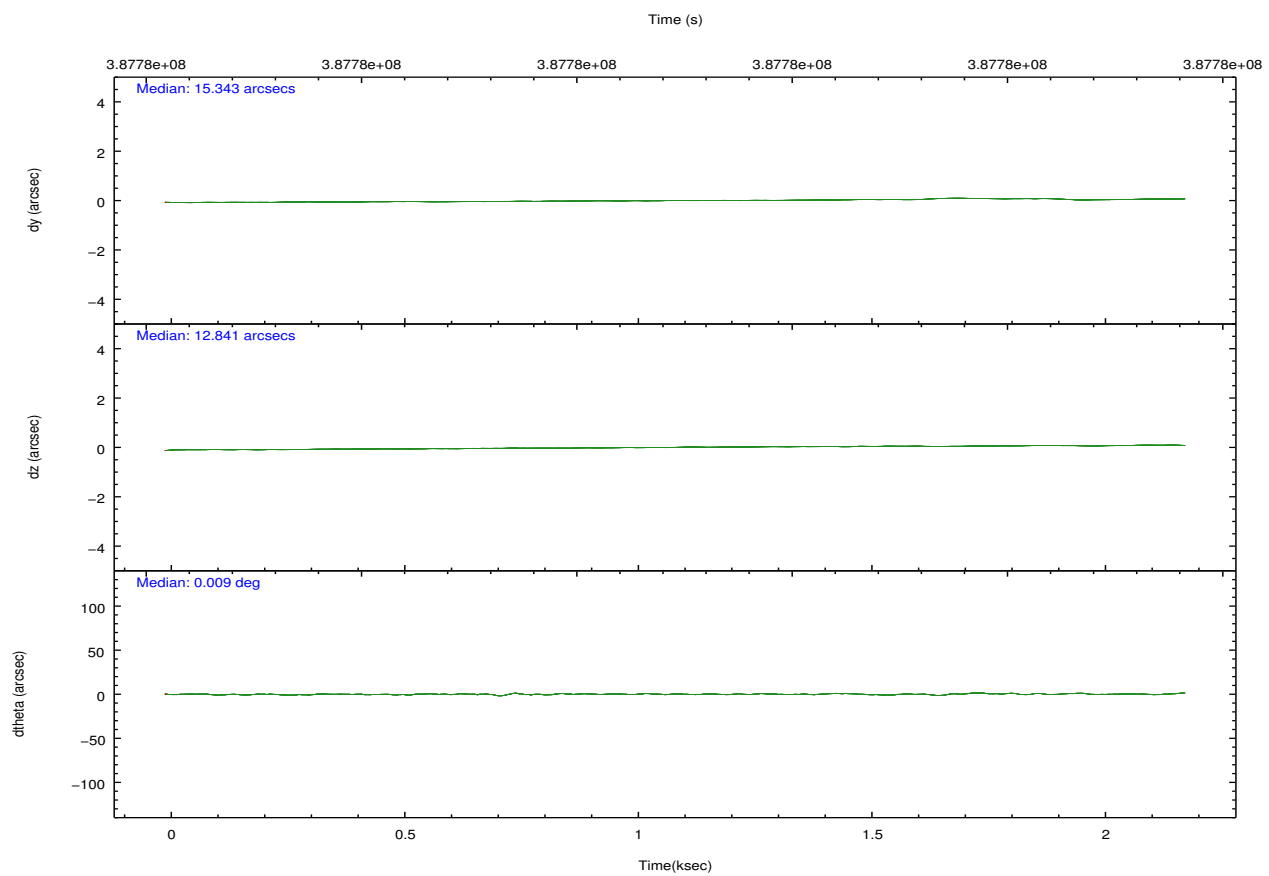
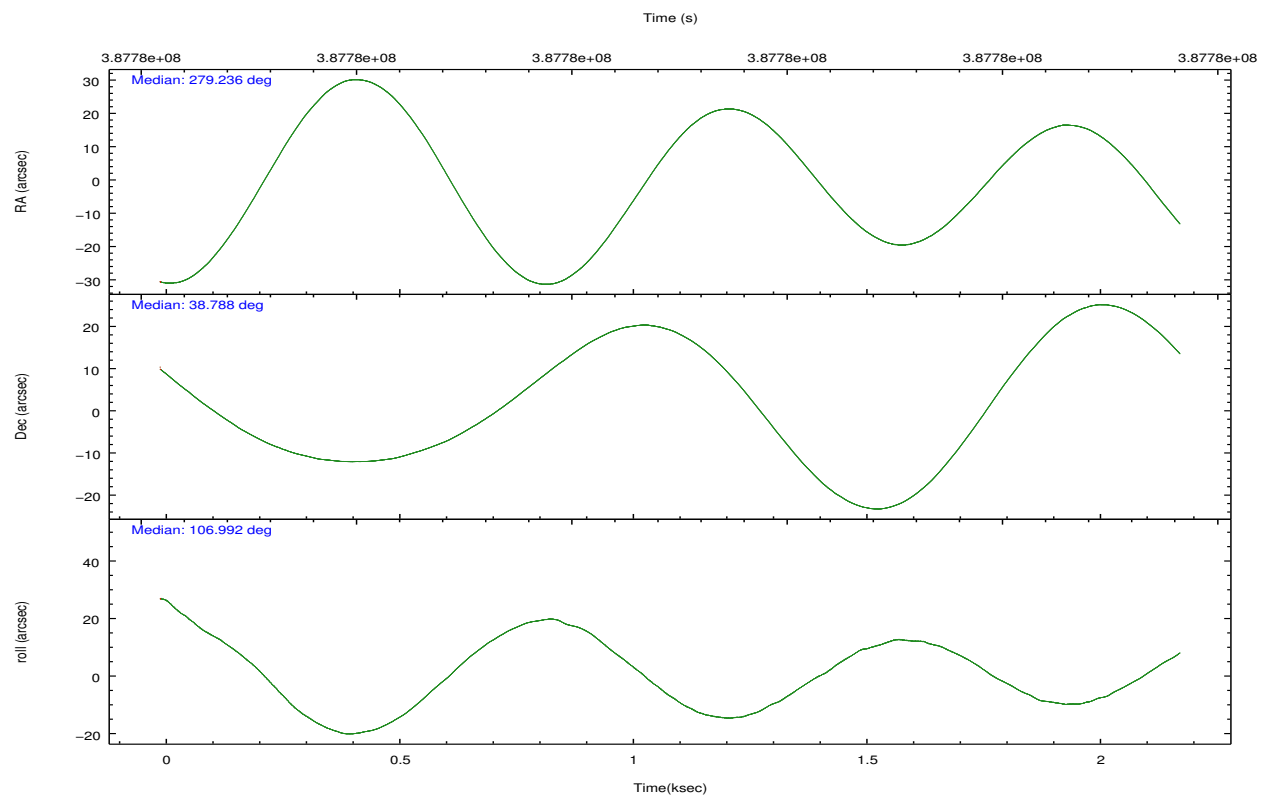
	segment 0
level 1 events	240820
rejected events	12925
rejected %	5%

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	279.261505	279.2356453597509			
[deg] Pointing Dec	38.769901	38.78807568911046			
[deg] Pointing Roll	107.079895	107.0006259113787			
[s] Window start time (MET)	383788866.184000	383788866.184000			
[s] Window stop time (MET)	391651266.184000	391651266.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	387780810.184000	387780392.28503			
Observation start date	2010-04-16T04:52:24	2010-04-16T04:46:32			
[s] Observation end time (MET)	387782810.184000	387782947.61016			
Observation end date	2010-04-16T05:25:44	2010-04-16T05:29:07			

2.3 Aspect



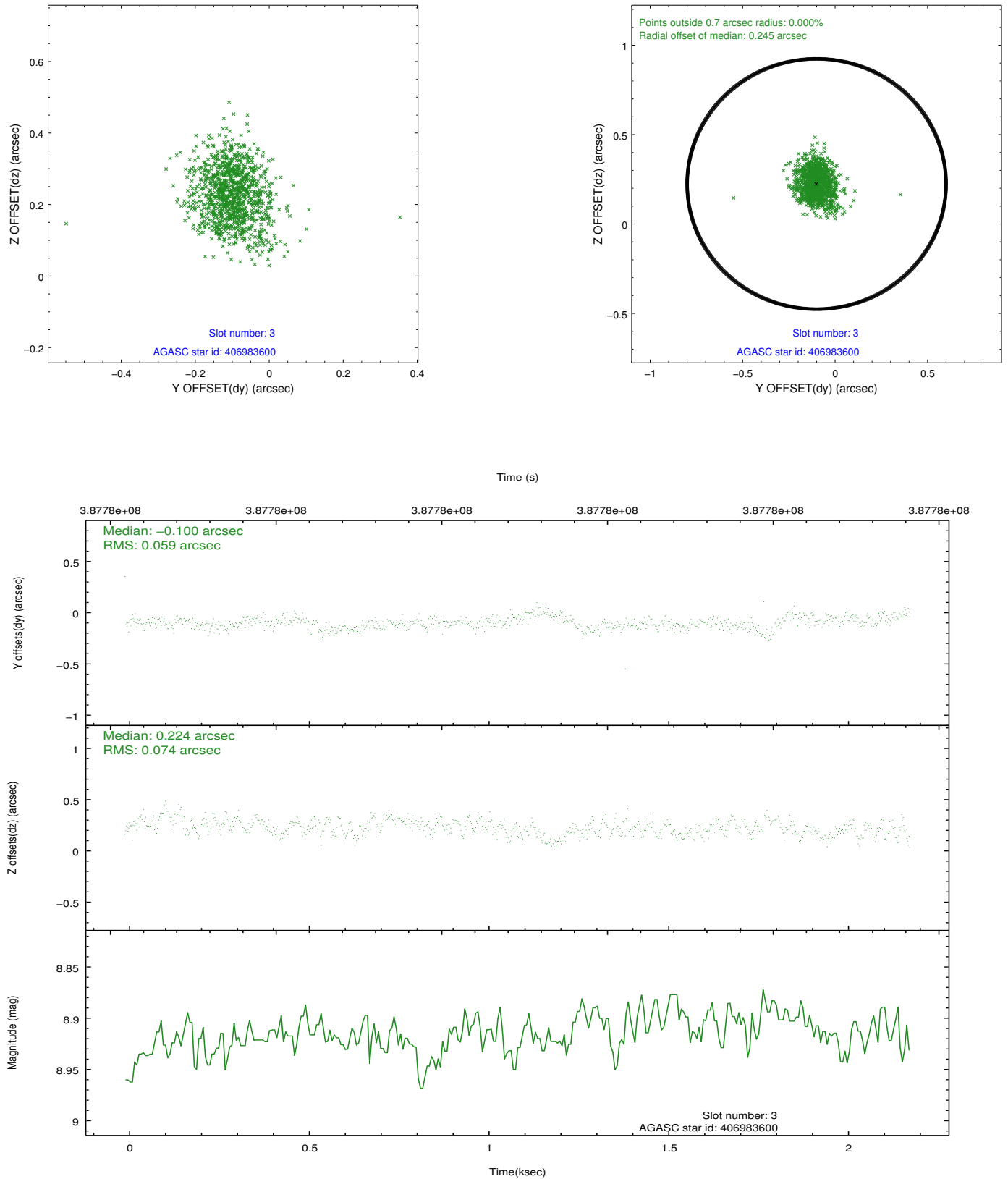


Slot Statistics

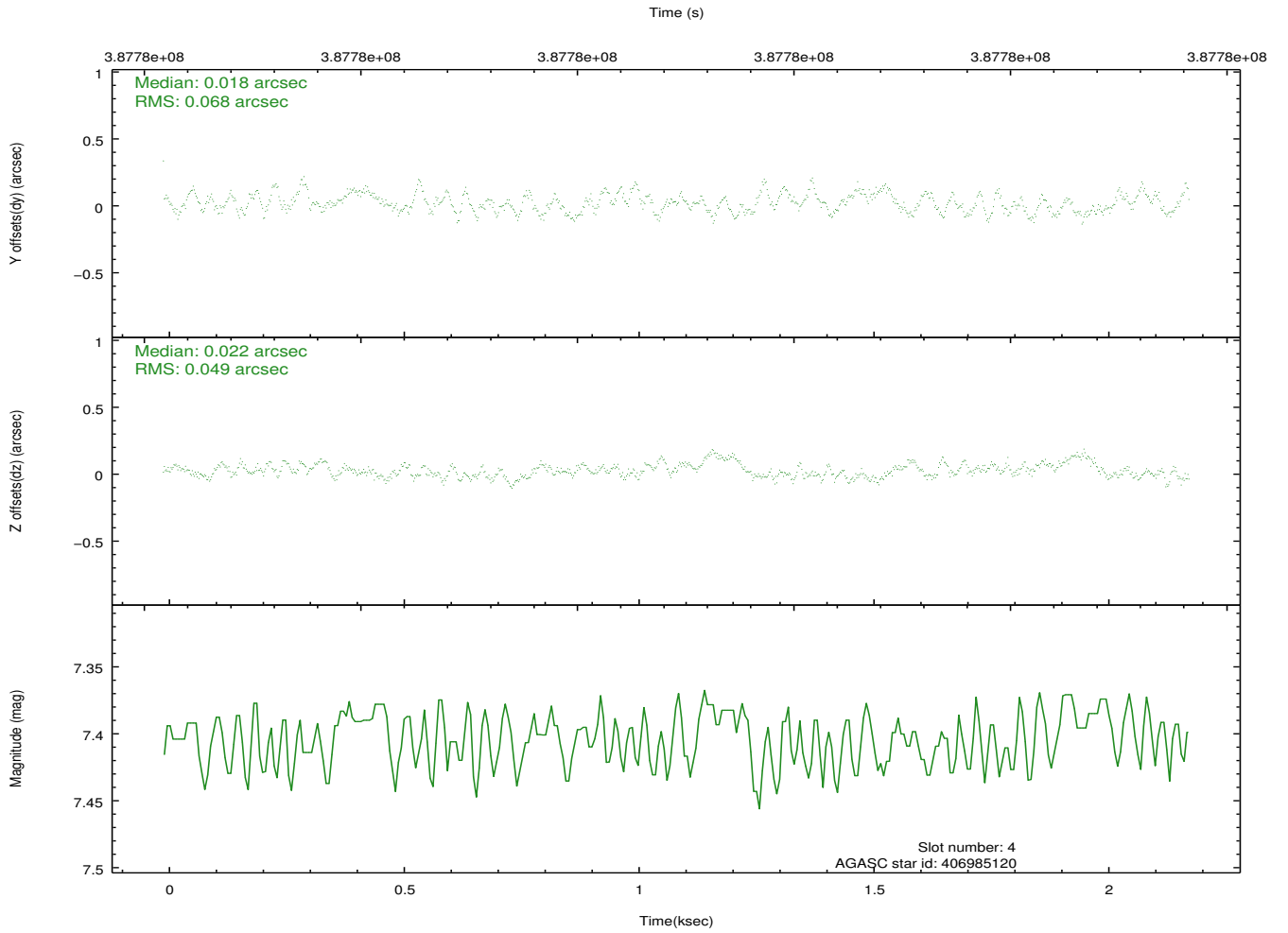
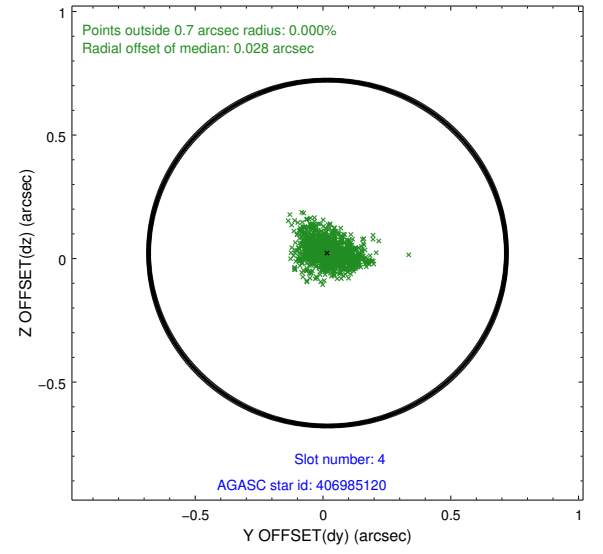
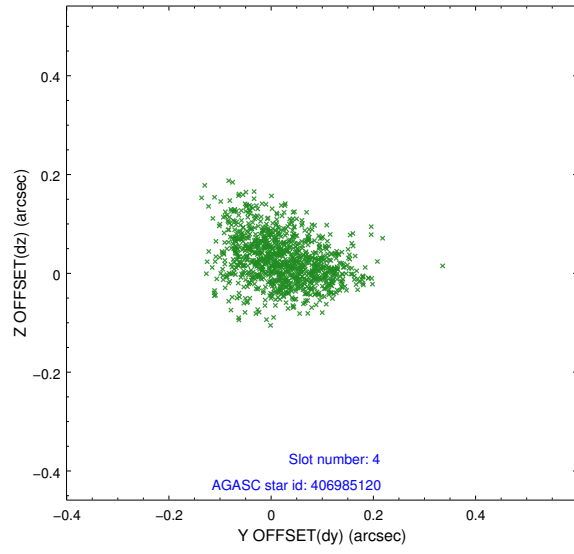
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	533	-0.062	0.037	0.006	0.011	0.000000	0.000000	-771.24	-1300.86
1	FID	HRC-I-2	6.97	533	0.227	-0.142	0.005	0.008	0.000000	0.000000	840.23	-1305.07
2	FID	HRC-I-3	7.03	533	-0.046	0.016	0.005	0.011	0.000000	0.000000	-1198.10	1001.24
3	GUIDE	406983600	8.91	1065	-0.100	0.224	0.100	0.163	279.940957	39.020708	310.87	-2083.29
4	GUIDE	406985120	7.40	1066	0.018	0.022	0.091	0.142	278.839732	38.894839	779.89	995.83
5	GUIDE	407521232	8.65	1064	-0.093	0.156	0.110	0.170	279.628883	39.431715	1980.43	-1674.64
6	GUIDE	406987272	6.95	1065	0.014	-0.402	0.072	0.115	278.536588	38.437504	-533.55	2302.07
7	GUIDE	406993992	7.62	1064	0.152	-0.003	0.071	0.114	279.053714	38.034587	-2357.47	1342.92

2.4 Star Slots

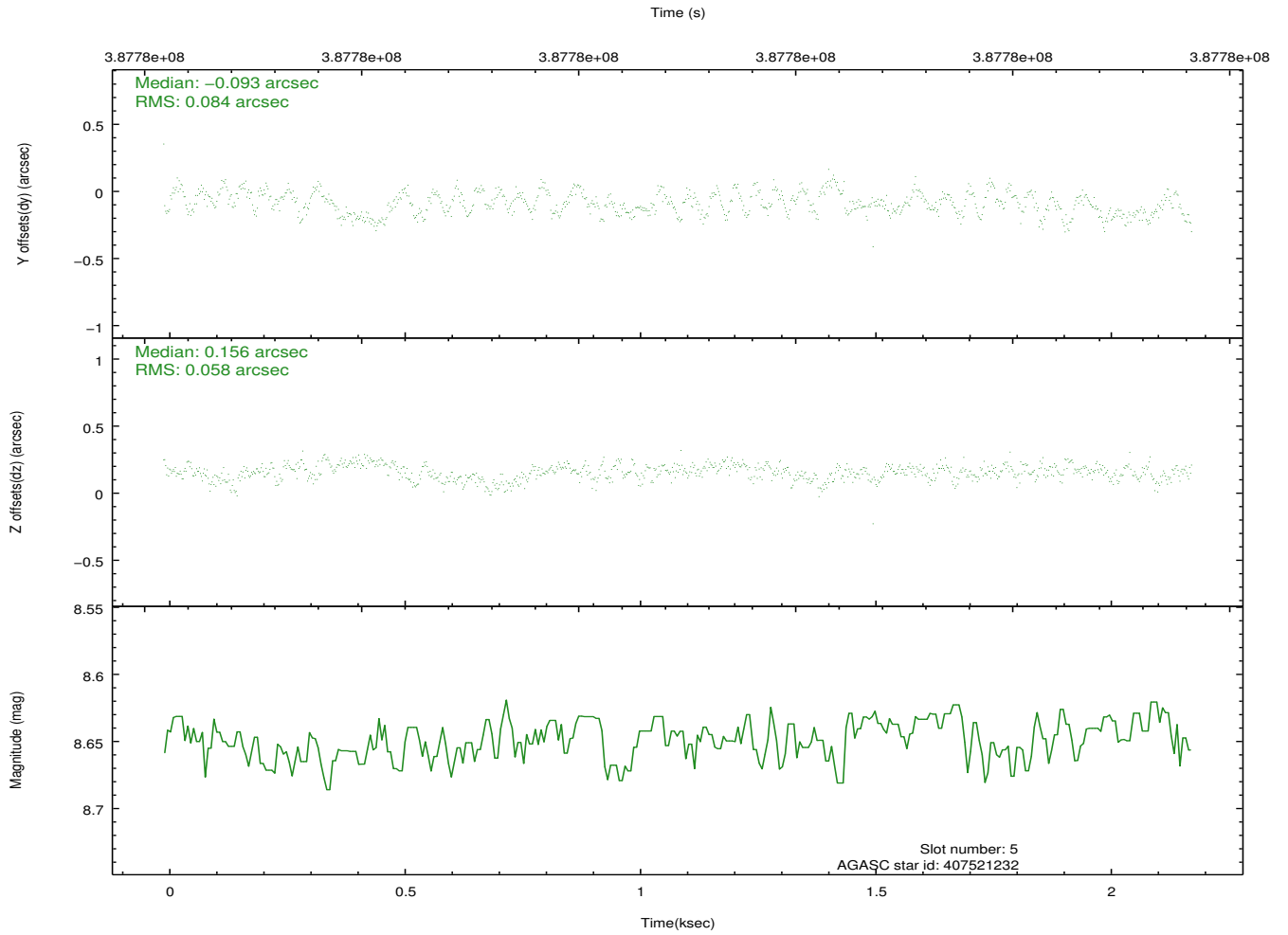
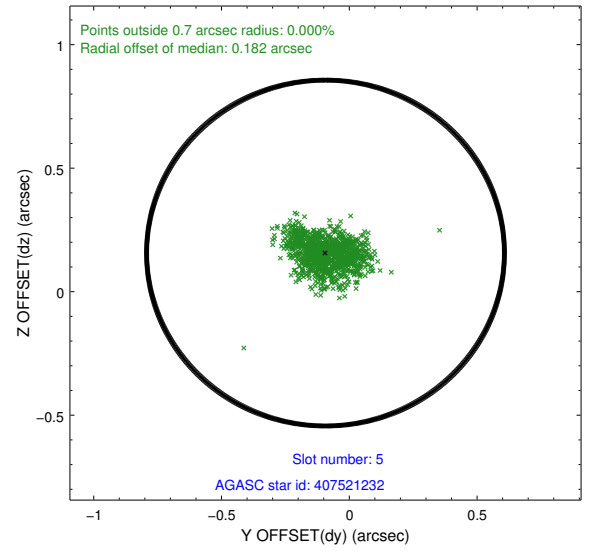
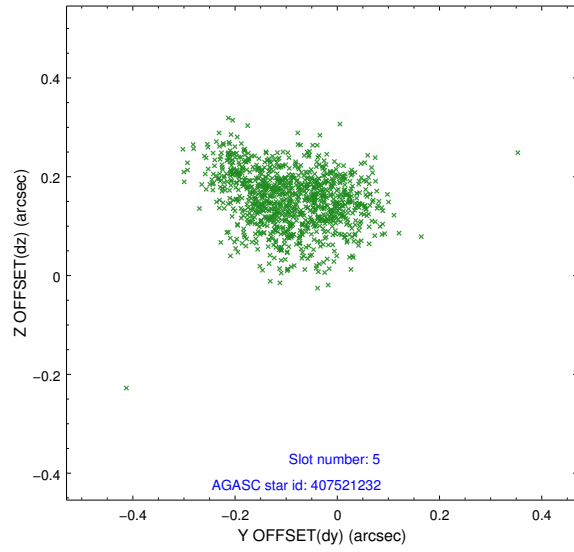
2.4.1 Slot 3



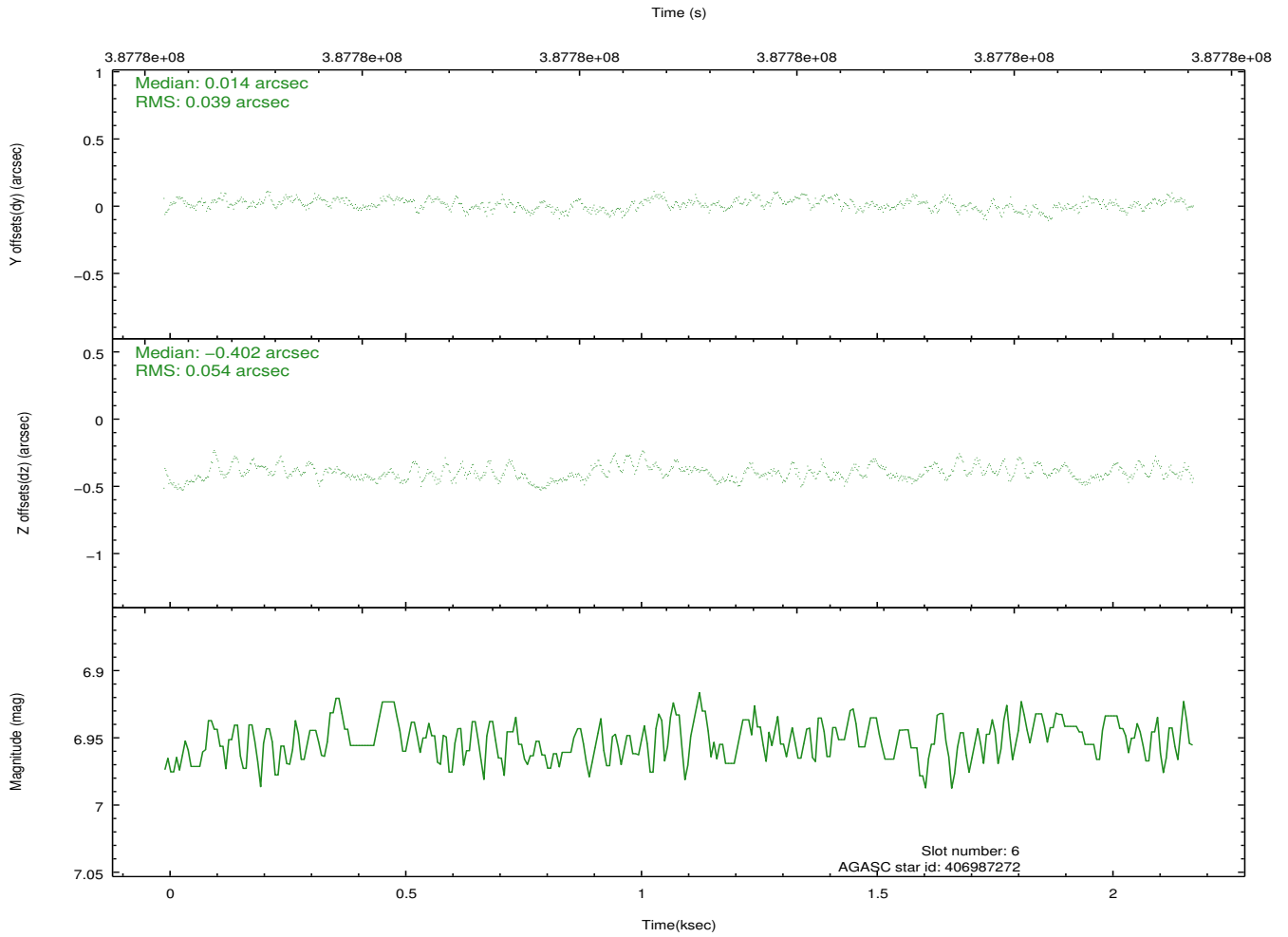
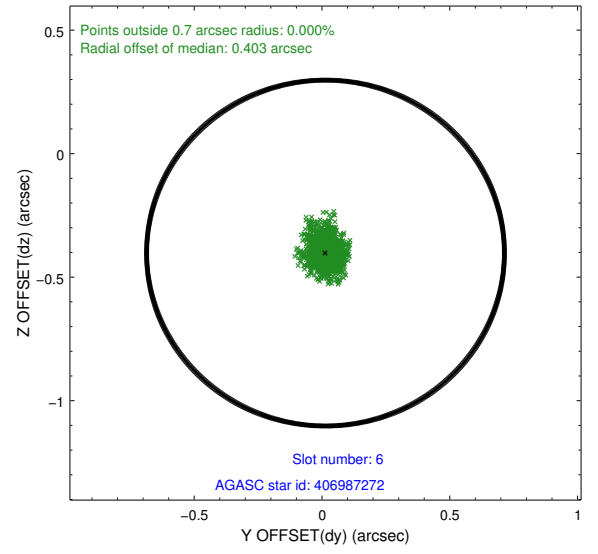
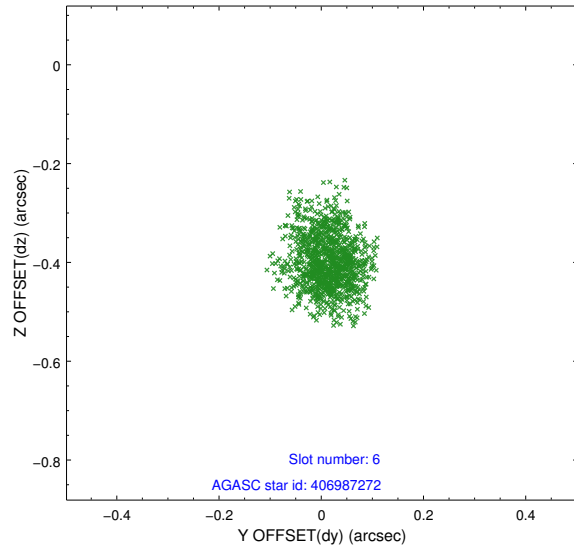
2.4.2 Slot 4



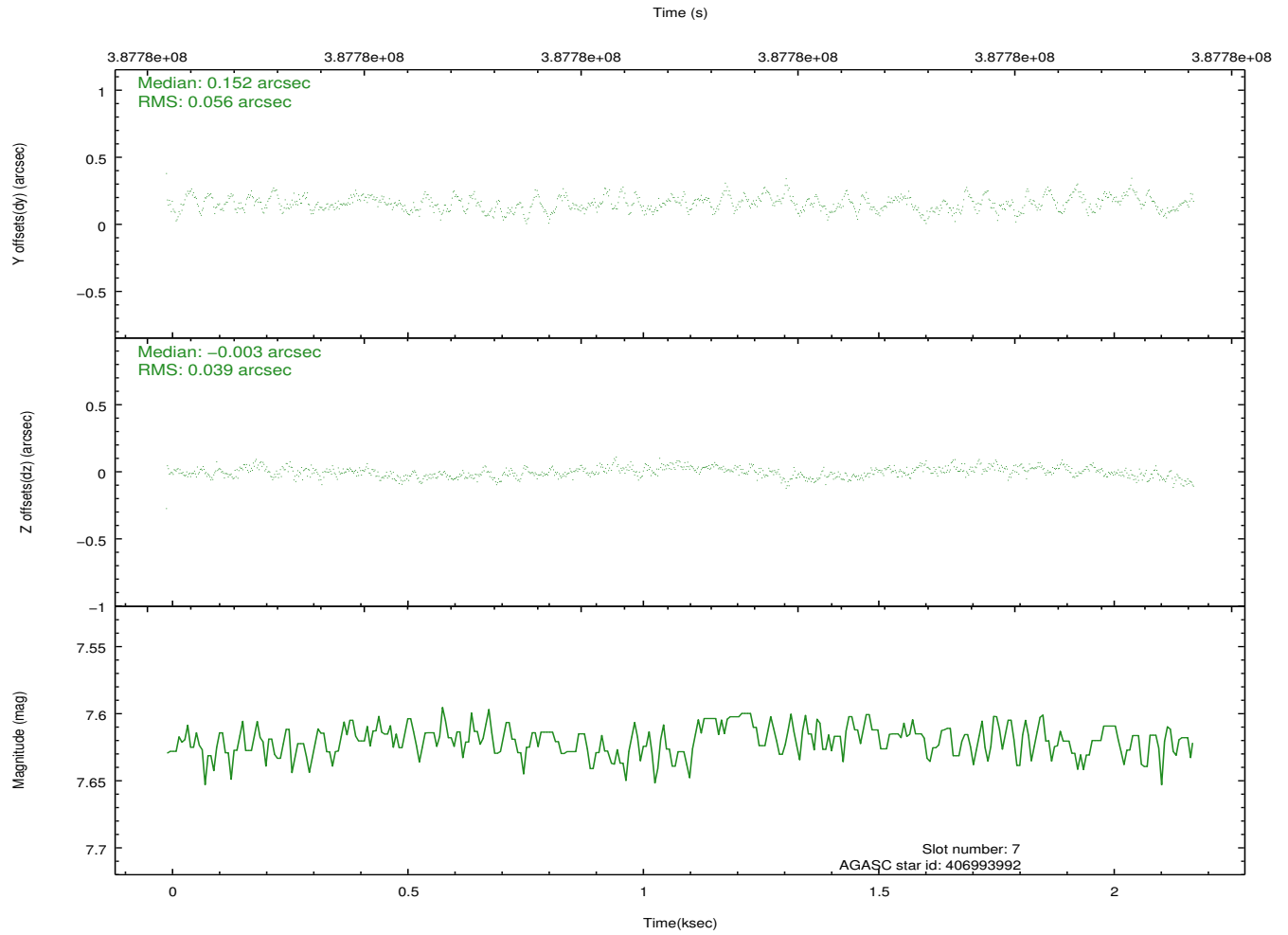
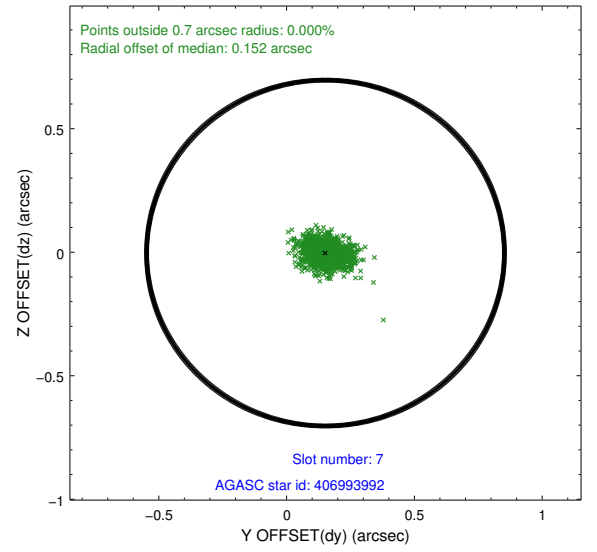
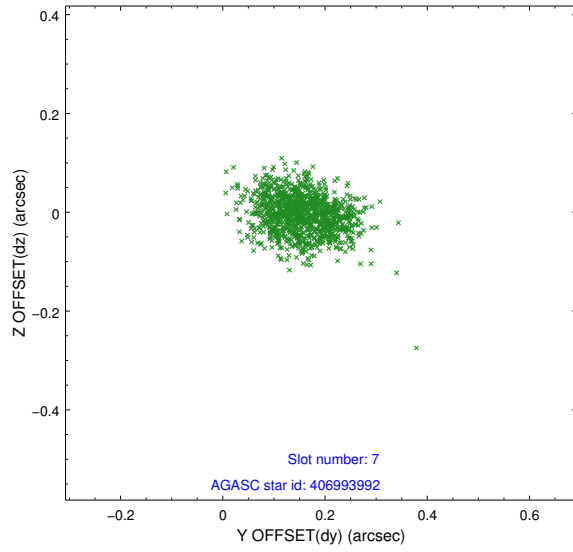
2.4.3 Slot 5



2.4.4 Slot 6

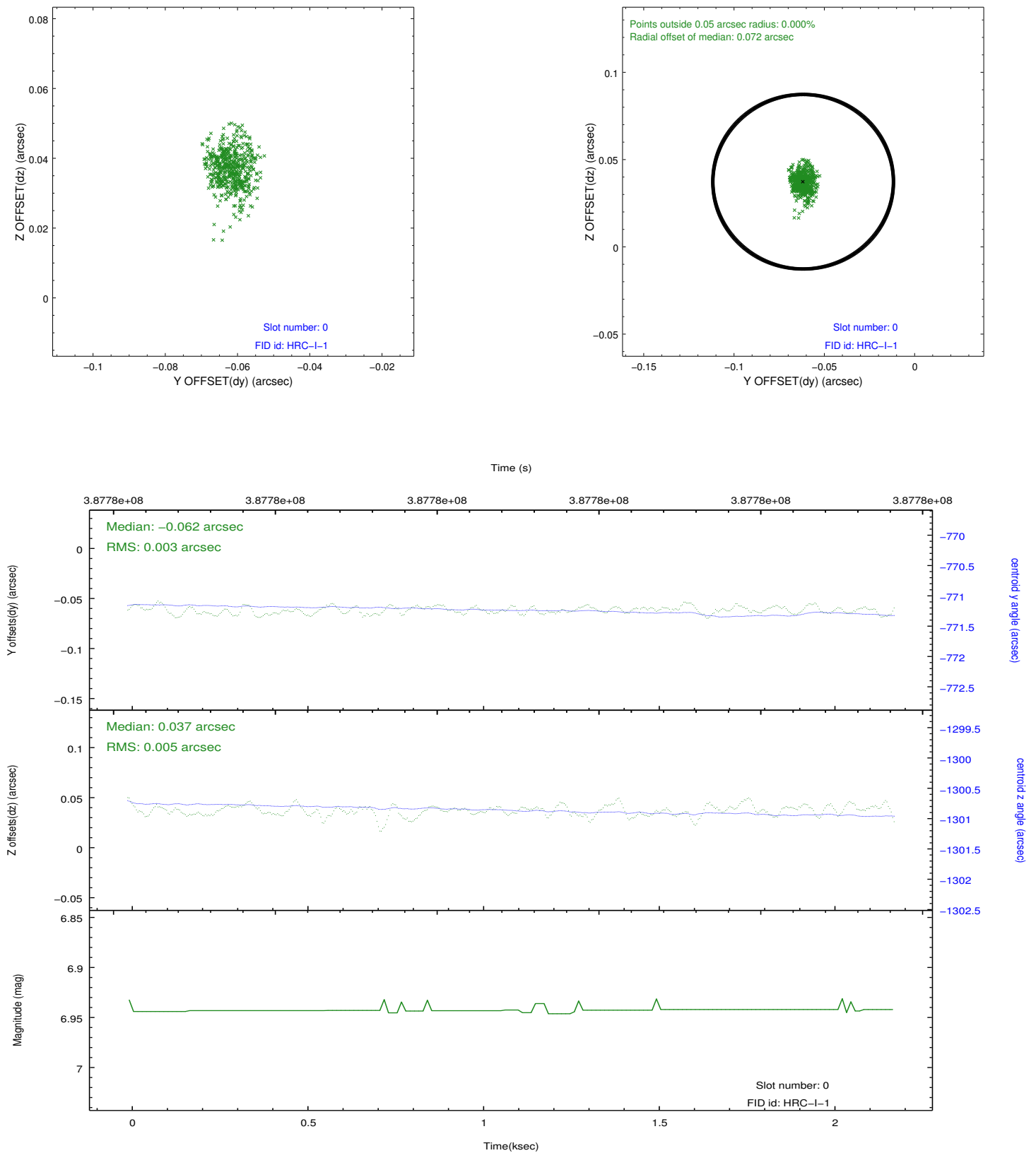


2.4.5 Slot 7

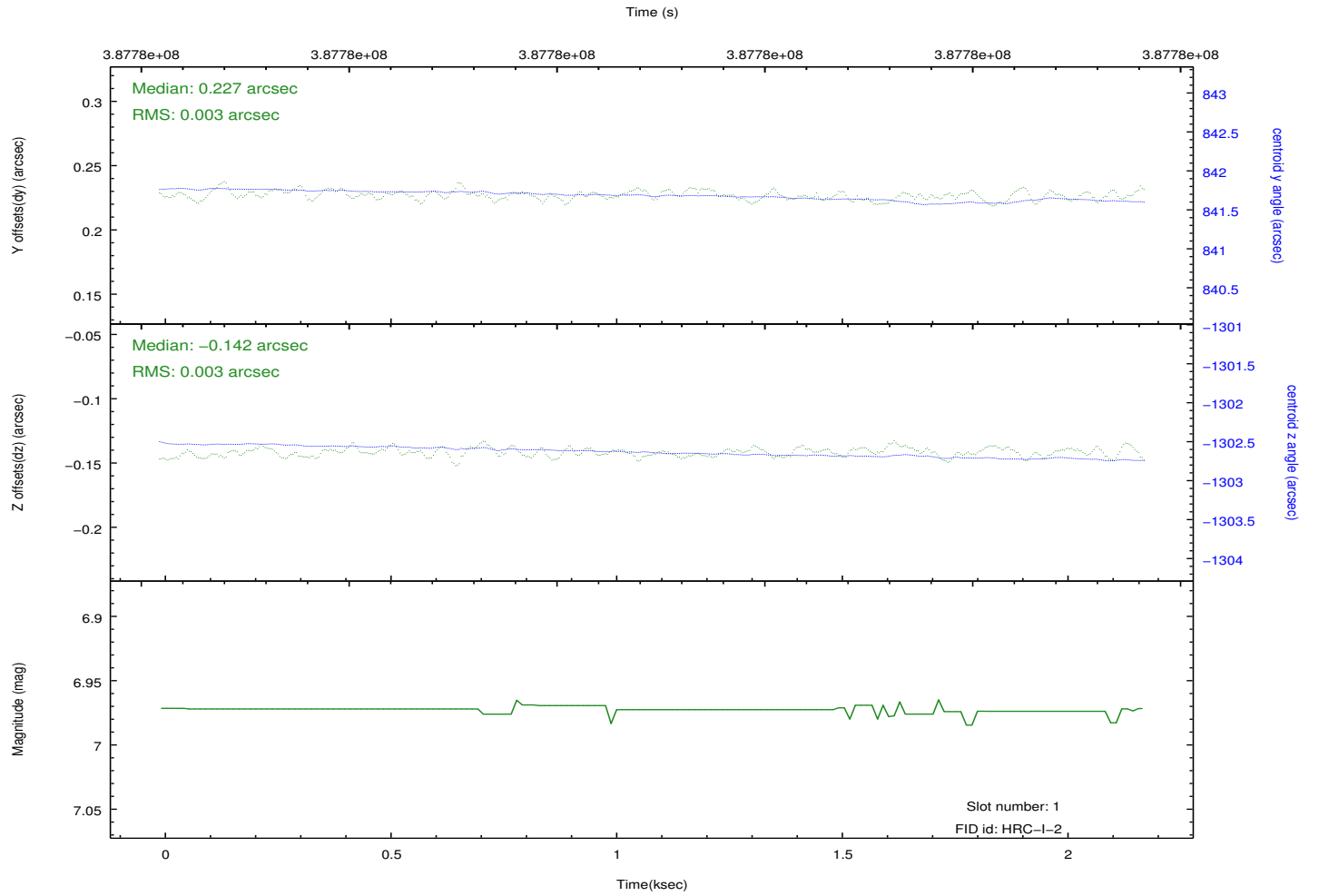
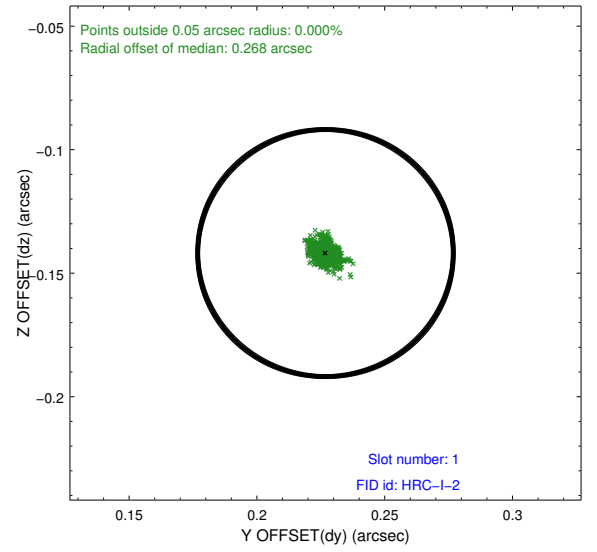
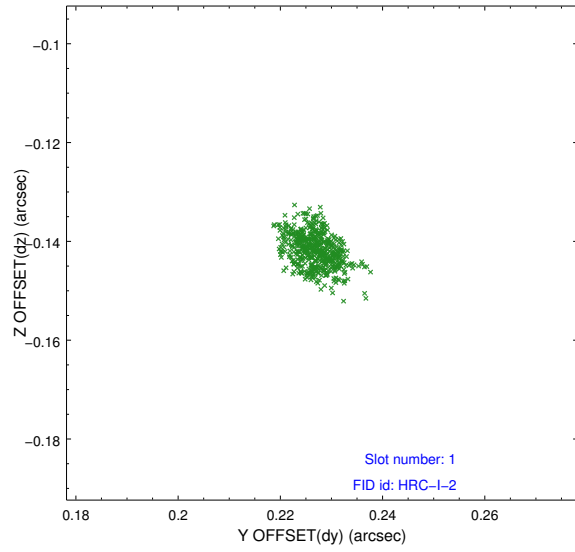


2.5 FID Slots

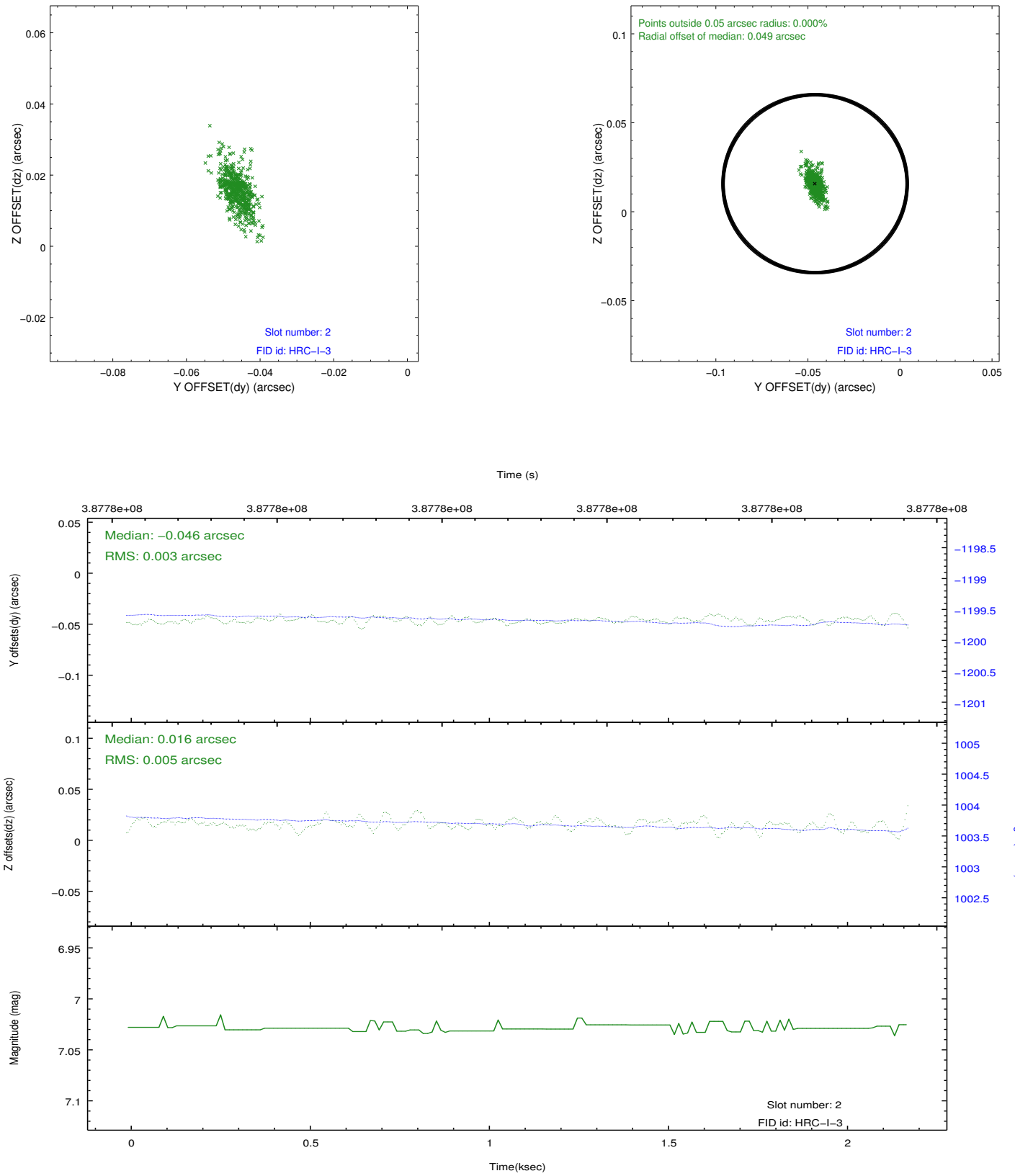
2.5.1 Slot 0



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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1824813610315

A.2 Comments

Window constraint met.