

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11943 - L2 Version 2
Chandra X-Ray Center

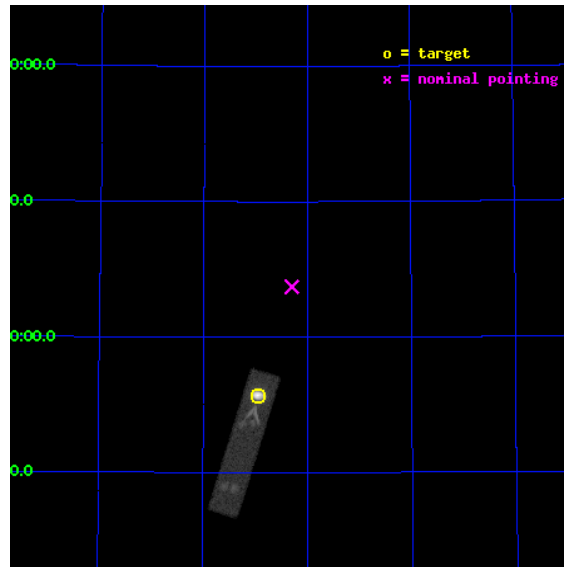
L2 Processing Date : Jun 27 2012

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

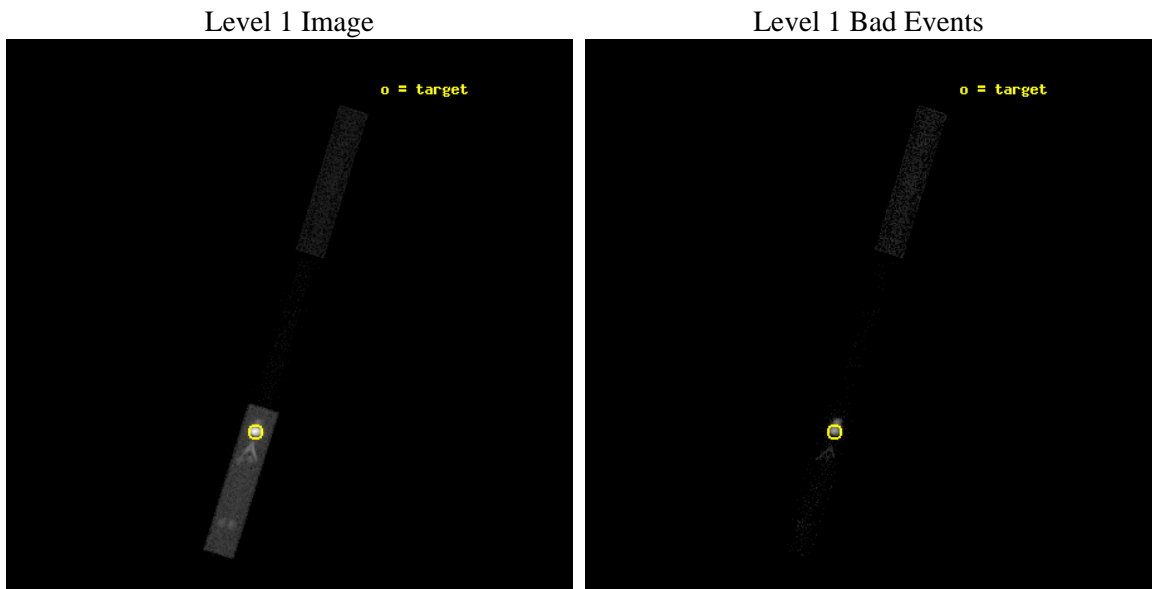
seq_num	290932	Sequence number
obs_id	11943	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.07460402243	Nominal RA [deg]
dec_nom	39.18618980171	Nominal Dec [deg]
roll_nom	107.27223566193	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1186.1813103557	[s]
liveltime	456.56910836624	Ontime multiplied by DTCOR
l2events	210831	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1186.1813103557	[s]
caldbver	4.5.0	 	l1events	269906	Number of level 1 events
date	2012-06-27T18:11:38	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

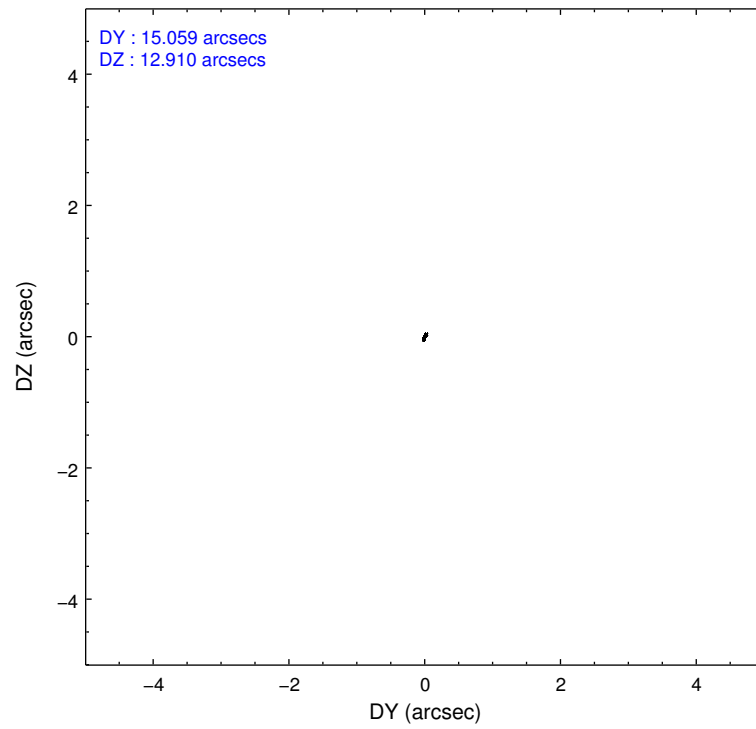
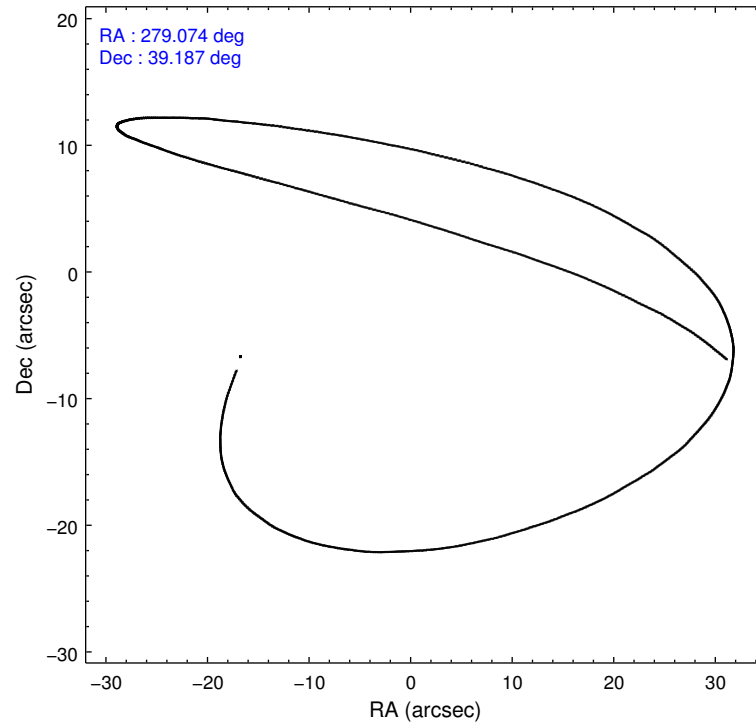
	segment 1	segment 2	segment 3
level 1 events	263094	399	6413
rejected events	44385	390	6375
rejected %	16%	97%	99%

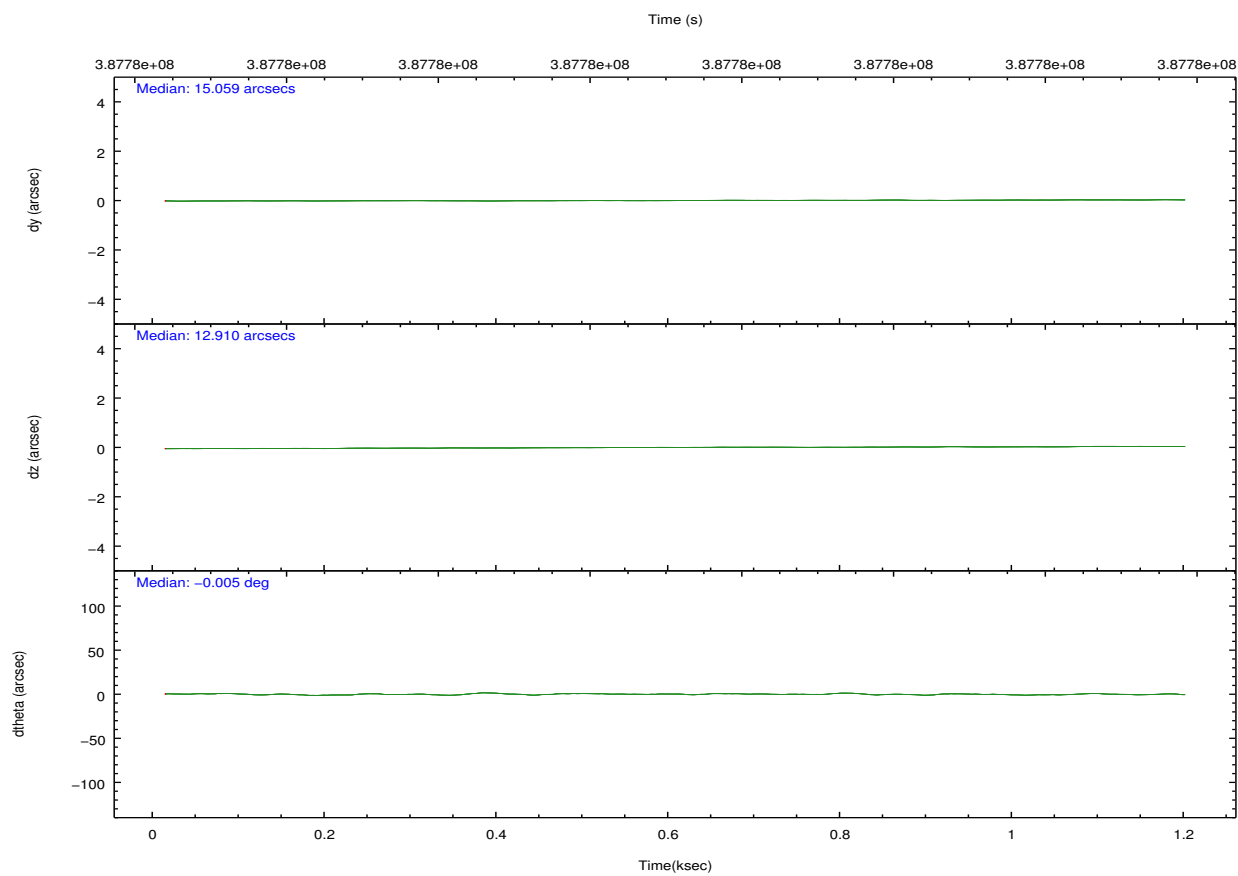
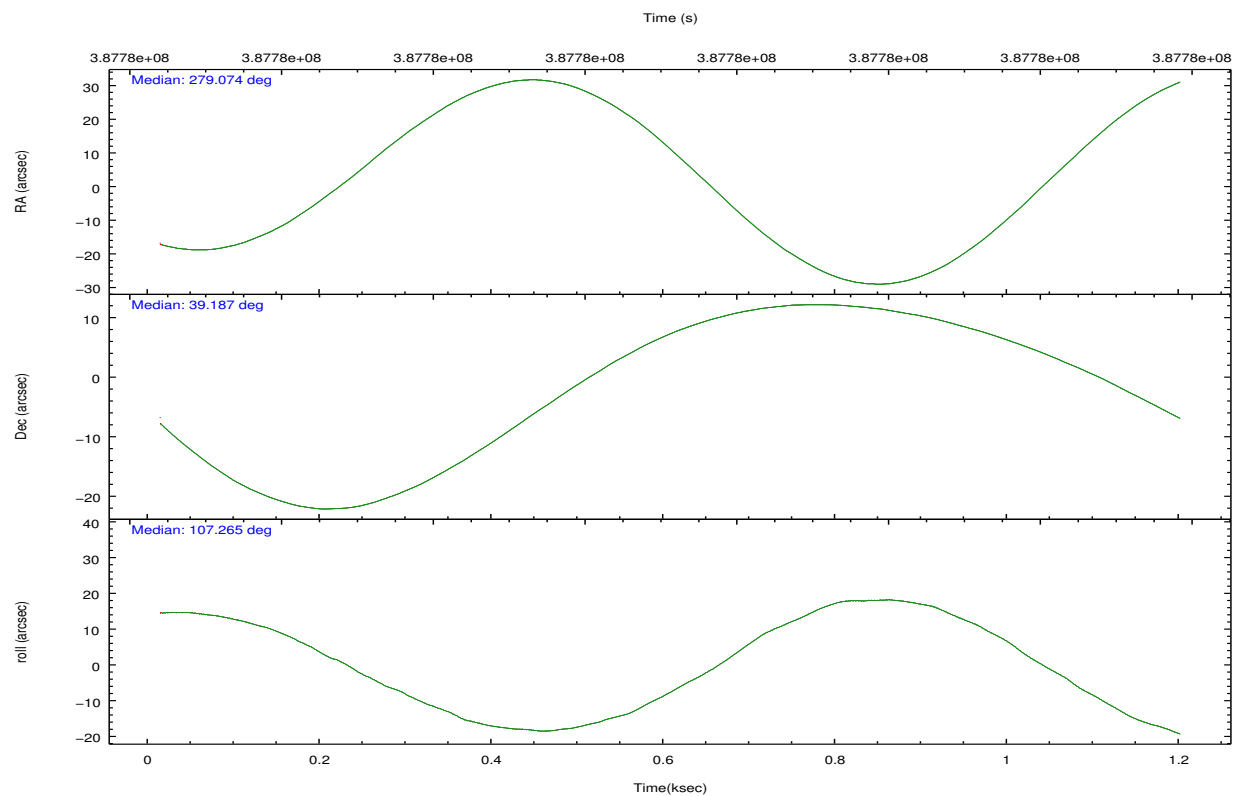
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	279.103585	279.0746040224265
[deg] Pointing Dec	39.168070	39.18618980170994
[deg] Pointing Roll	107.186554	107.2722356619294
[s] Window start time (MET)	383788866.184000	383788866.184000
[s] Window stop time (MET)	391651266.184000	391651266.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	387777706.184000	387777330.09738
Observation start date	2010-04-16T04:00:40	2010-04-16T03:55:30
[s] Observation end time (MET)	387778706.184000	387778839.92245
Observation end date	2010-04-16T04:17:20	2010-04-16T04:20:39

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

2.3 Aspect



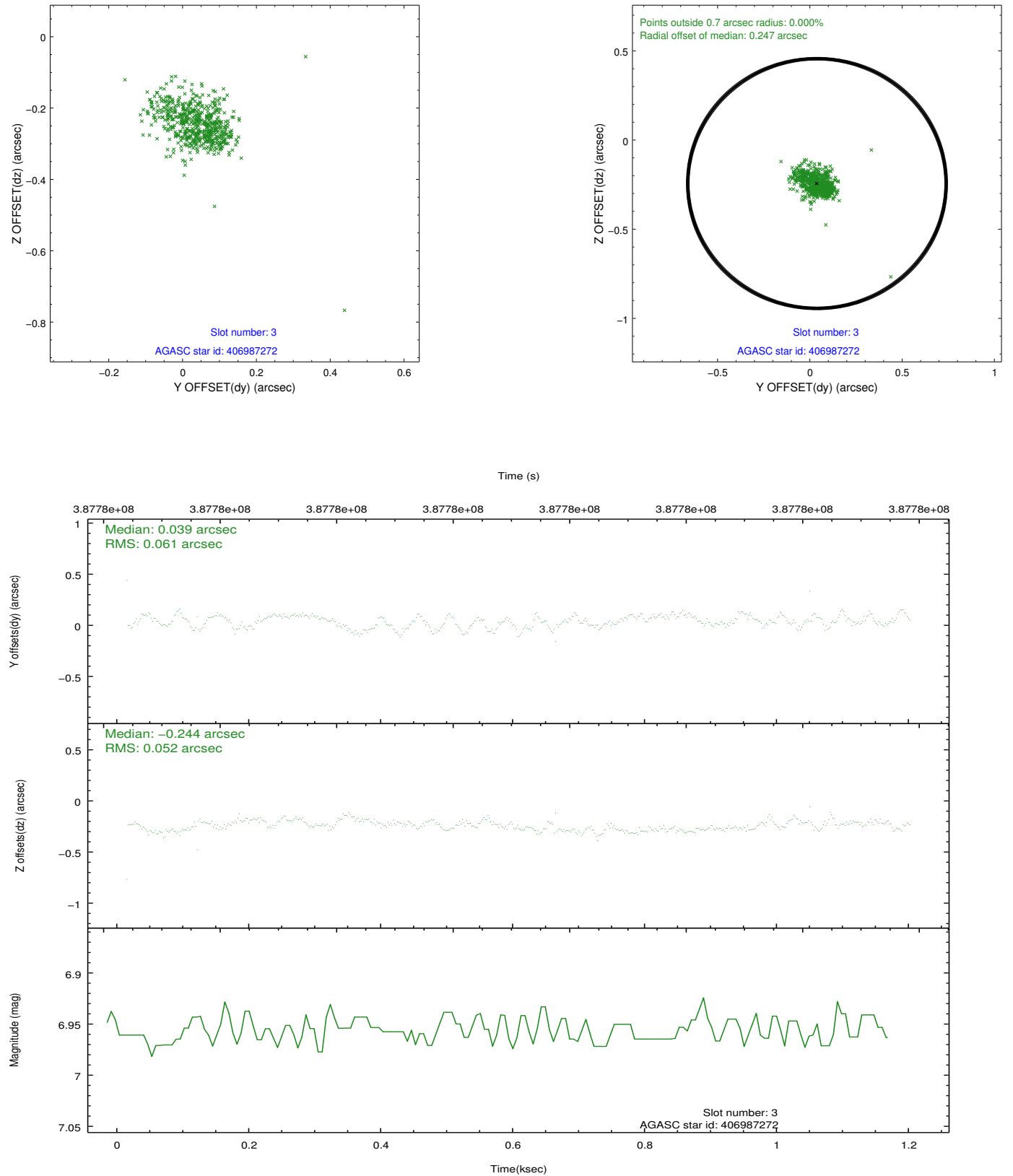


Slot Statistics

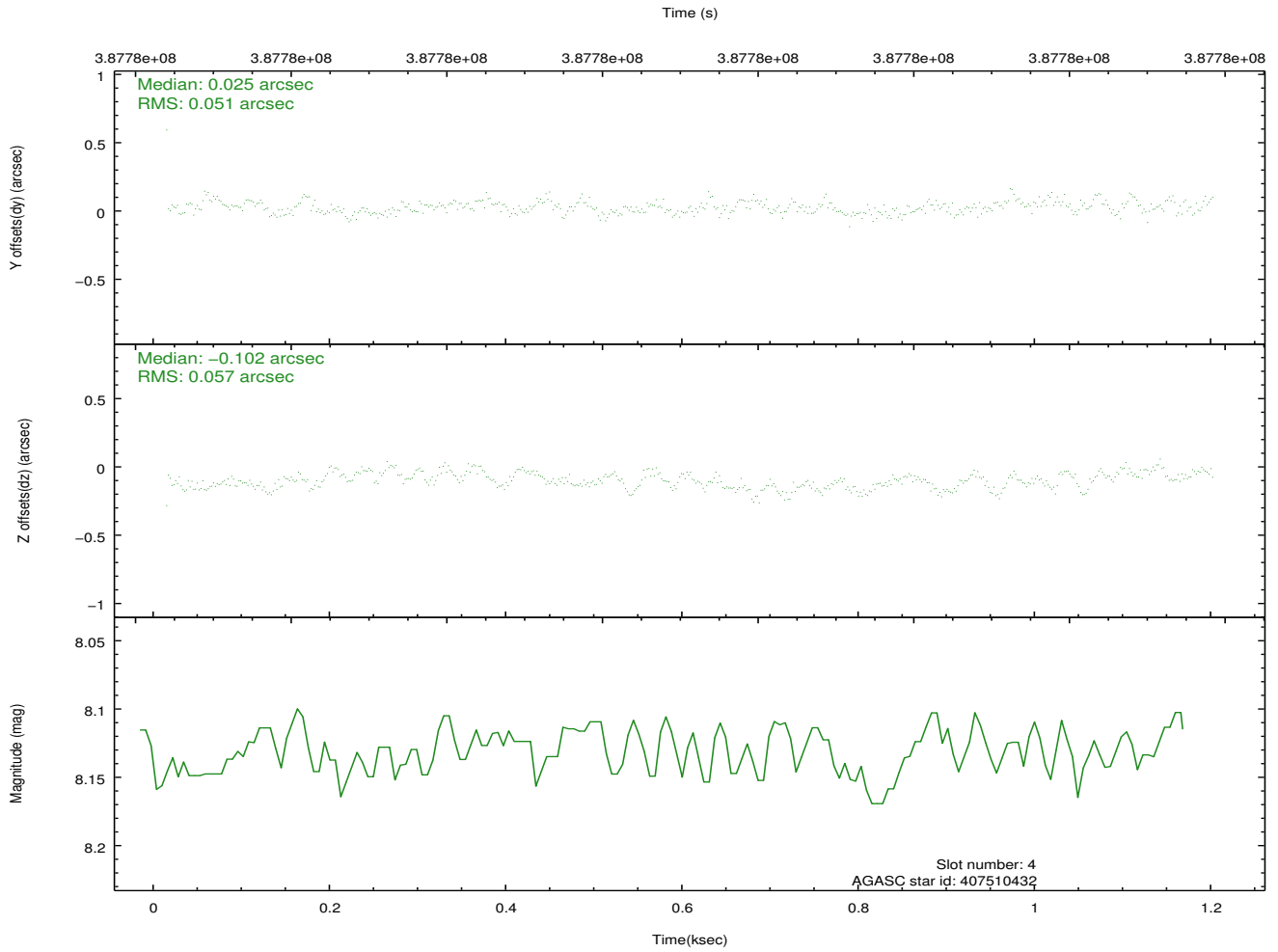
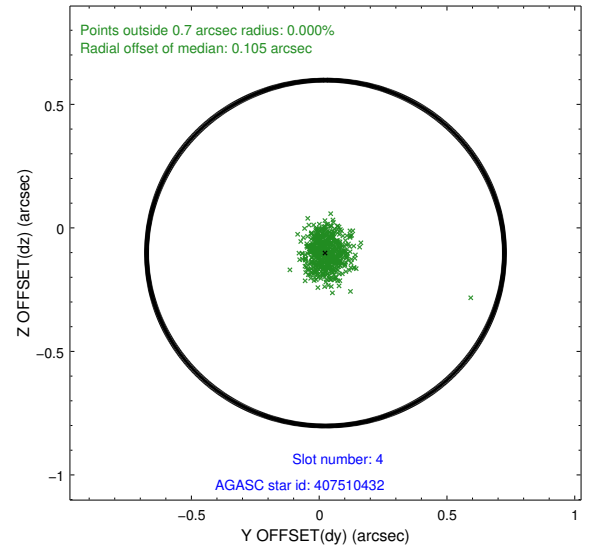
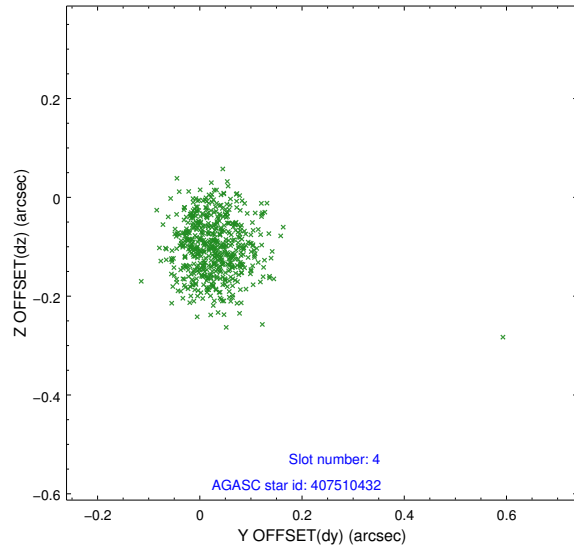
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	290	0.040	-0.130	0.006	0.010	0.000000	0.000000	-1169.49	-461.69
1	FID	HRC-S-2	6.94	290	0.242	-0.110	0.005	0.008	0.000000	0.000000	1226.33	-455.85
2	FID	HRC-S-3	6.97	290	0.108	-0.063	0.006	0.011	0.000000	0.000000	-1167.94	566.32
3	GUIDE	406987272	6.96	580	0.039	-0.244	0.080	0.132	278.536588	38.437504	-2034.46	2301.44
4	GUIDE	407510432	8.13	580	0.025	-0.102	0.079	0.122	278.762778	39.530640	1525.43	520.49
5	GUIDE	407521232	8.64	579	-0.107	0.178	0.083	0.137	279.628883	39.431715	482.62	-1677.42
6	GUIDE	406989616	8.21	580	0.175	0.021	0.078	0.132	279.202881	38.520843	-2306.83	416.71
7	GUIDE	407521584	8.94	579	-0.134	0.159	0.095	0.160	279.676096	39.795417	1691.15	-2181.99

2.4 Star Slots

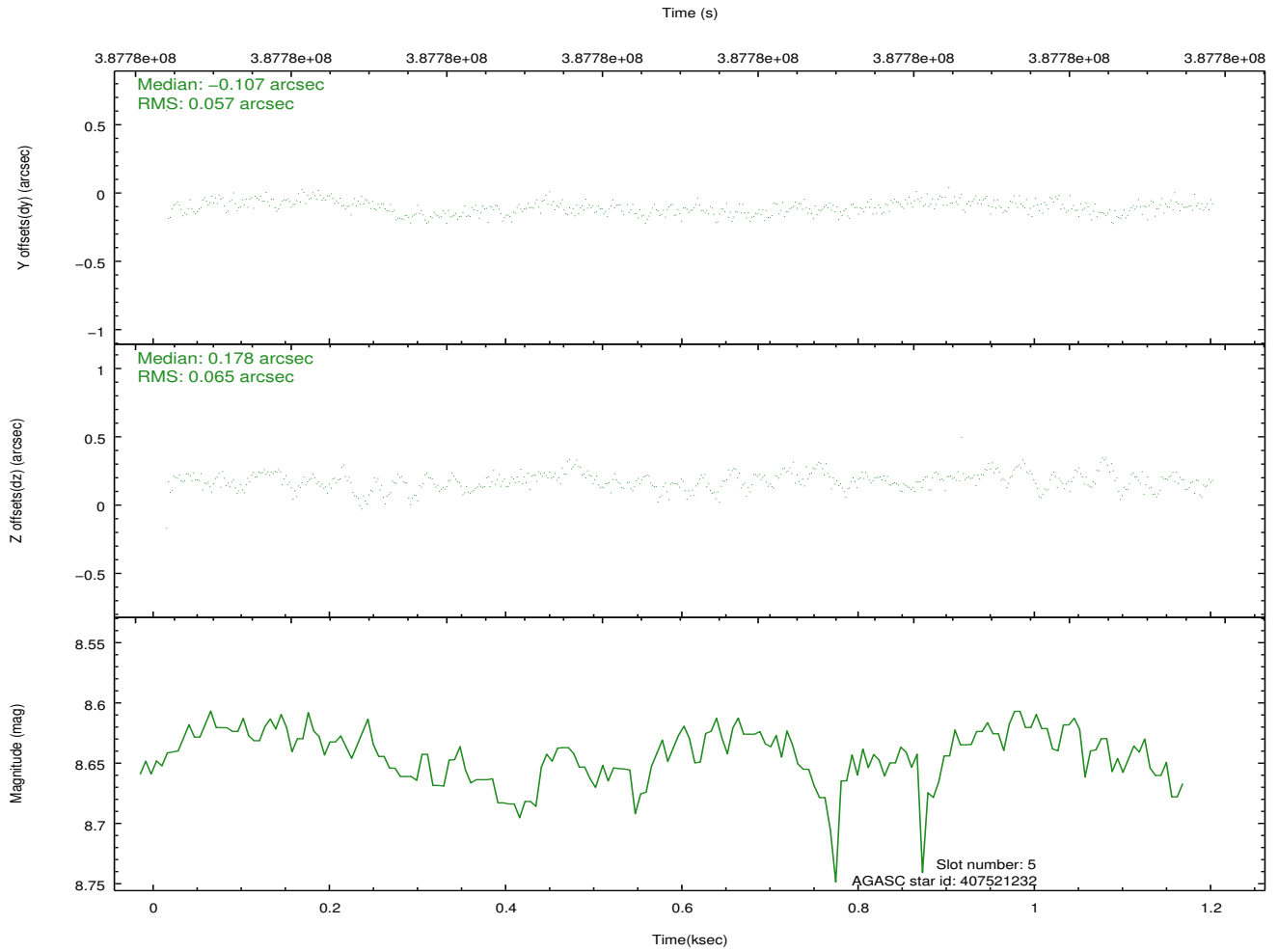
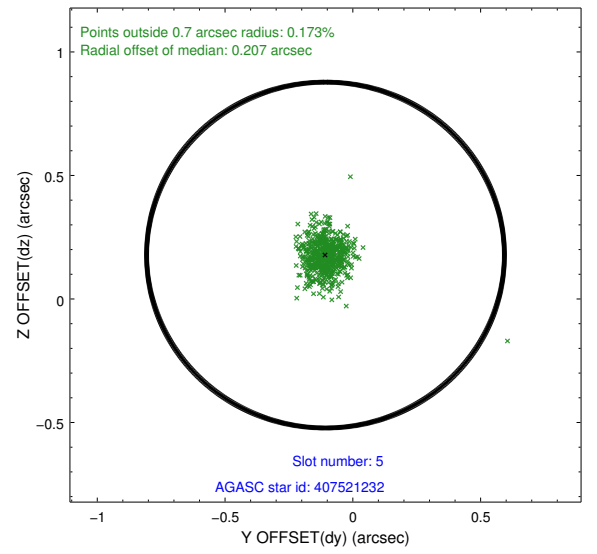
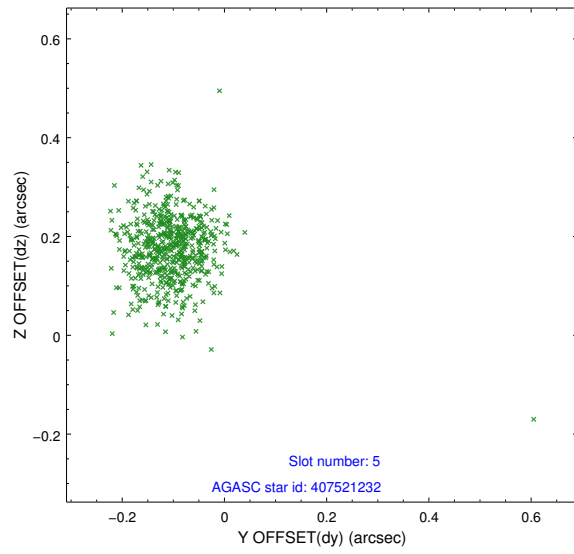
2.4.1 Slot 3



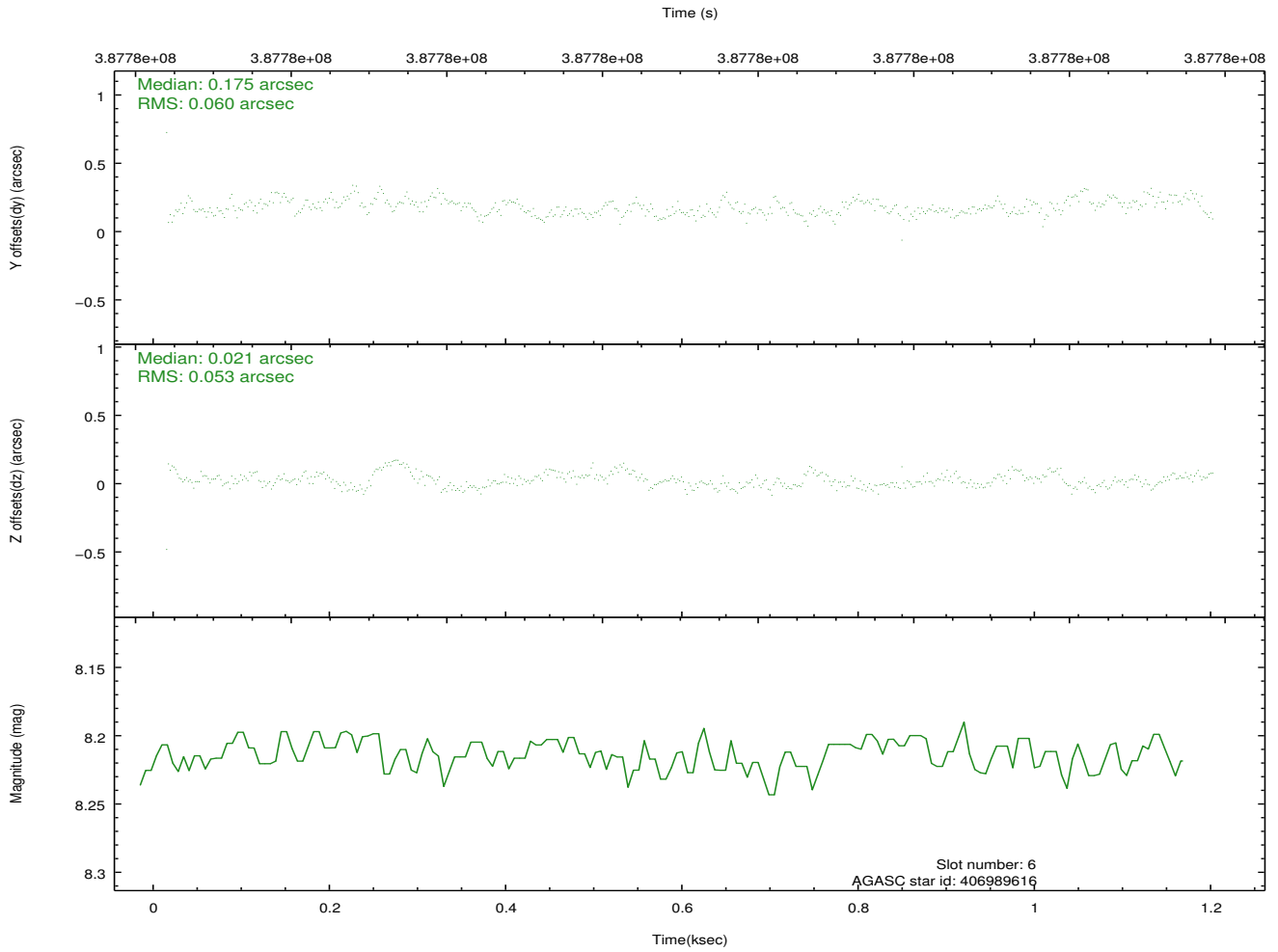
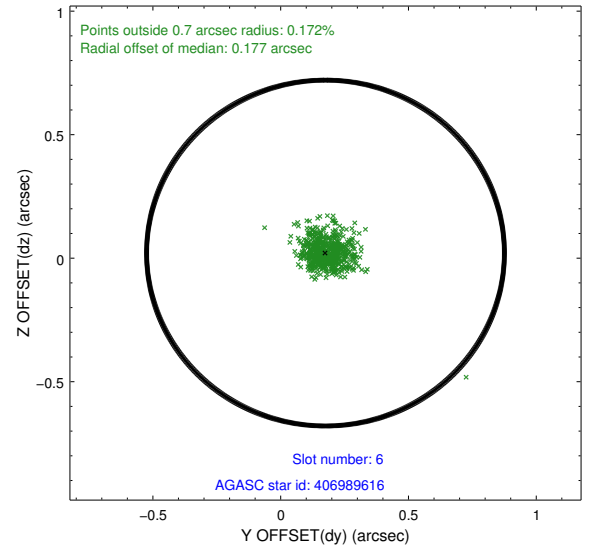
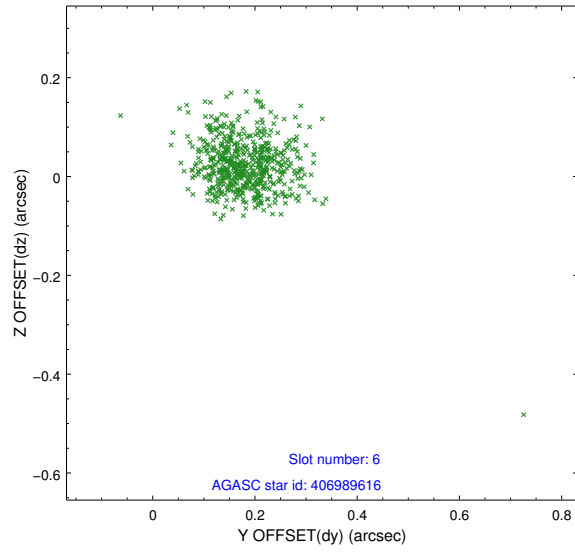
2.4.2 Slot 4



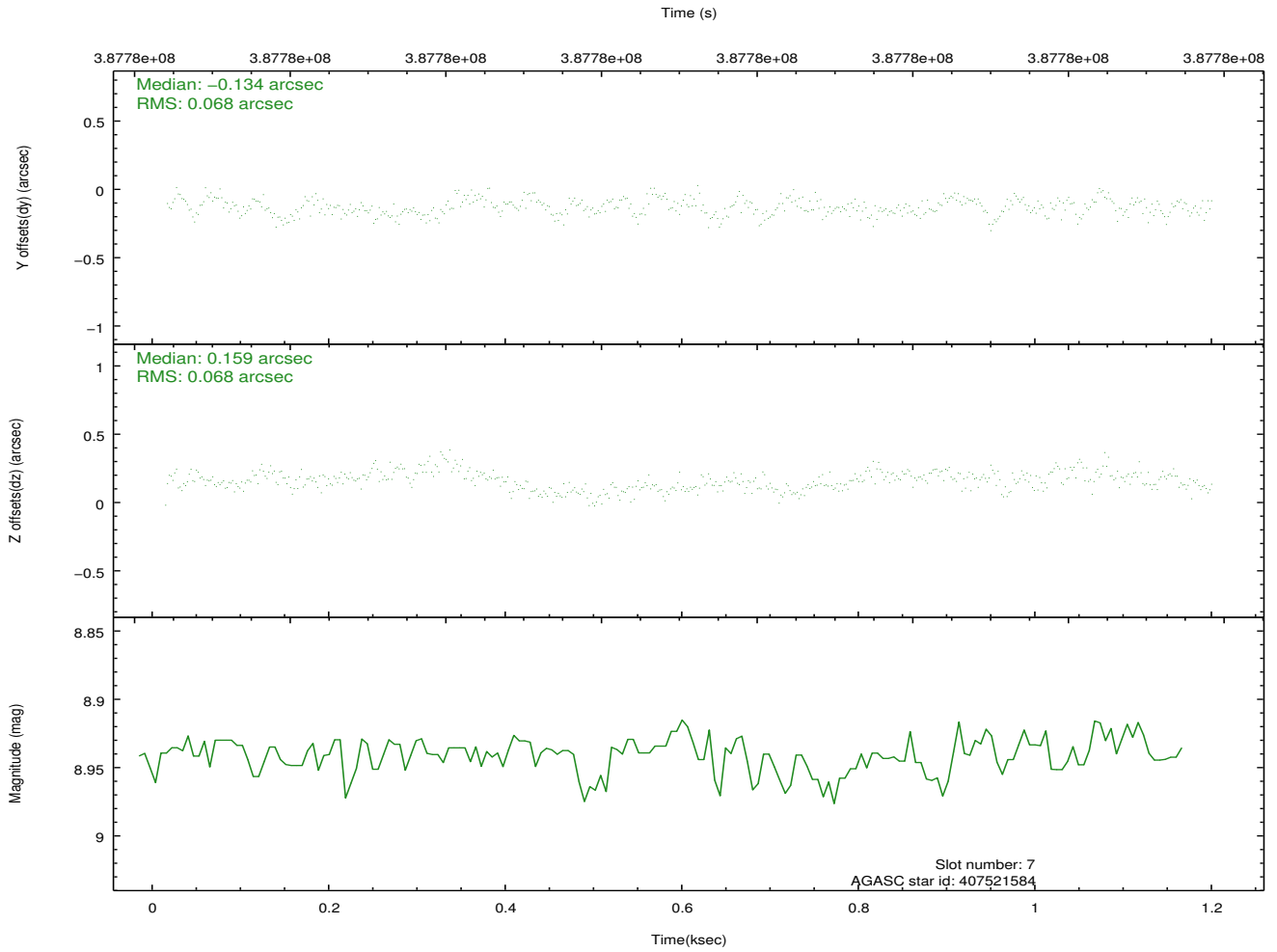
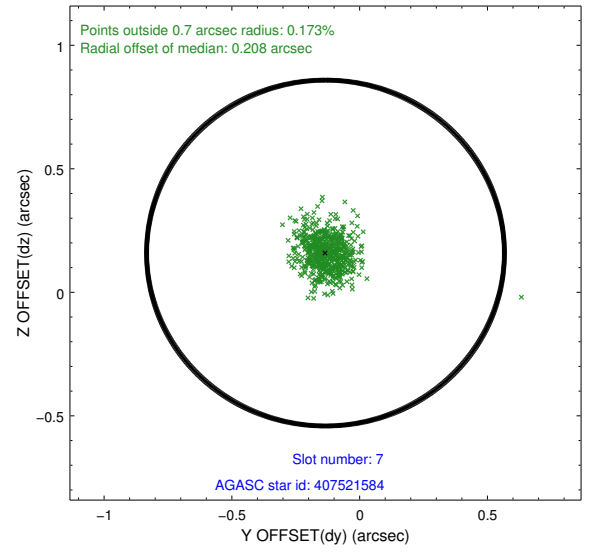
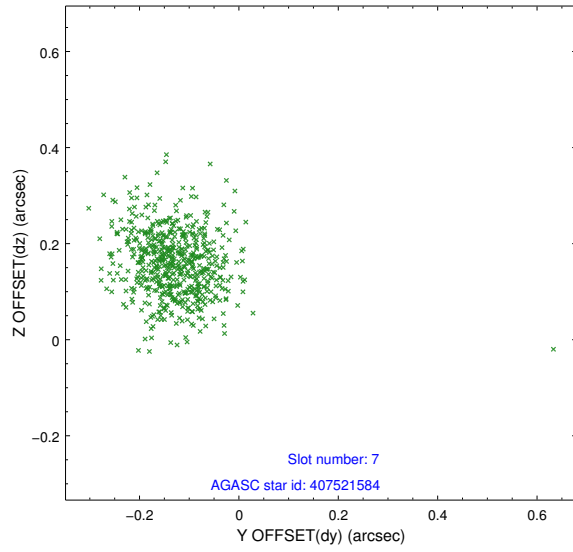
2.4.3 Slot 5



2.4.4 Slot 6

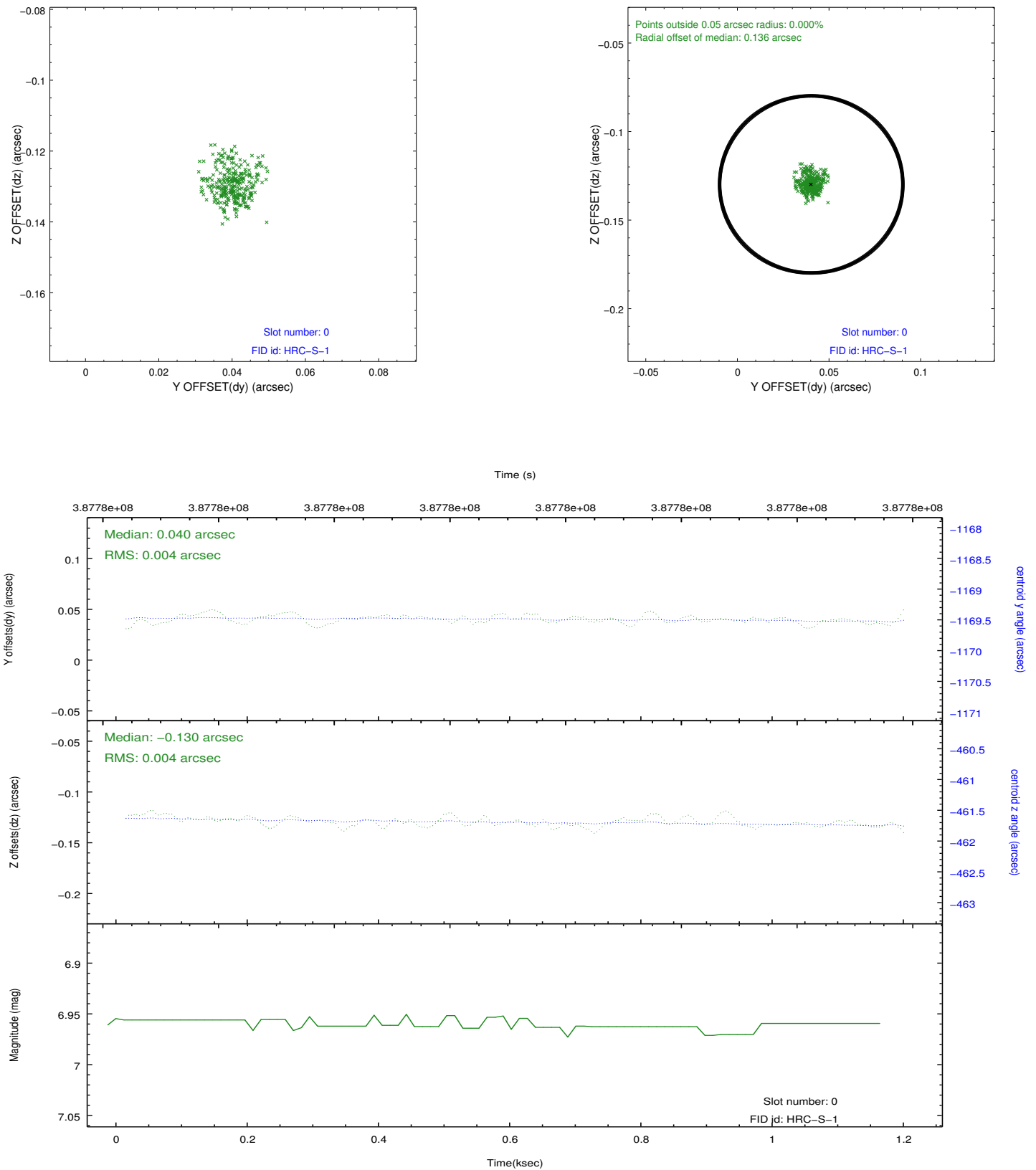


2.4.5 Slot 7

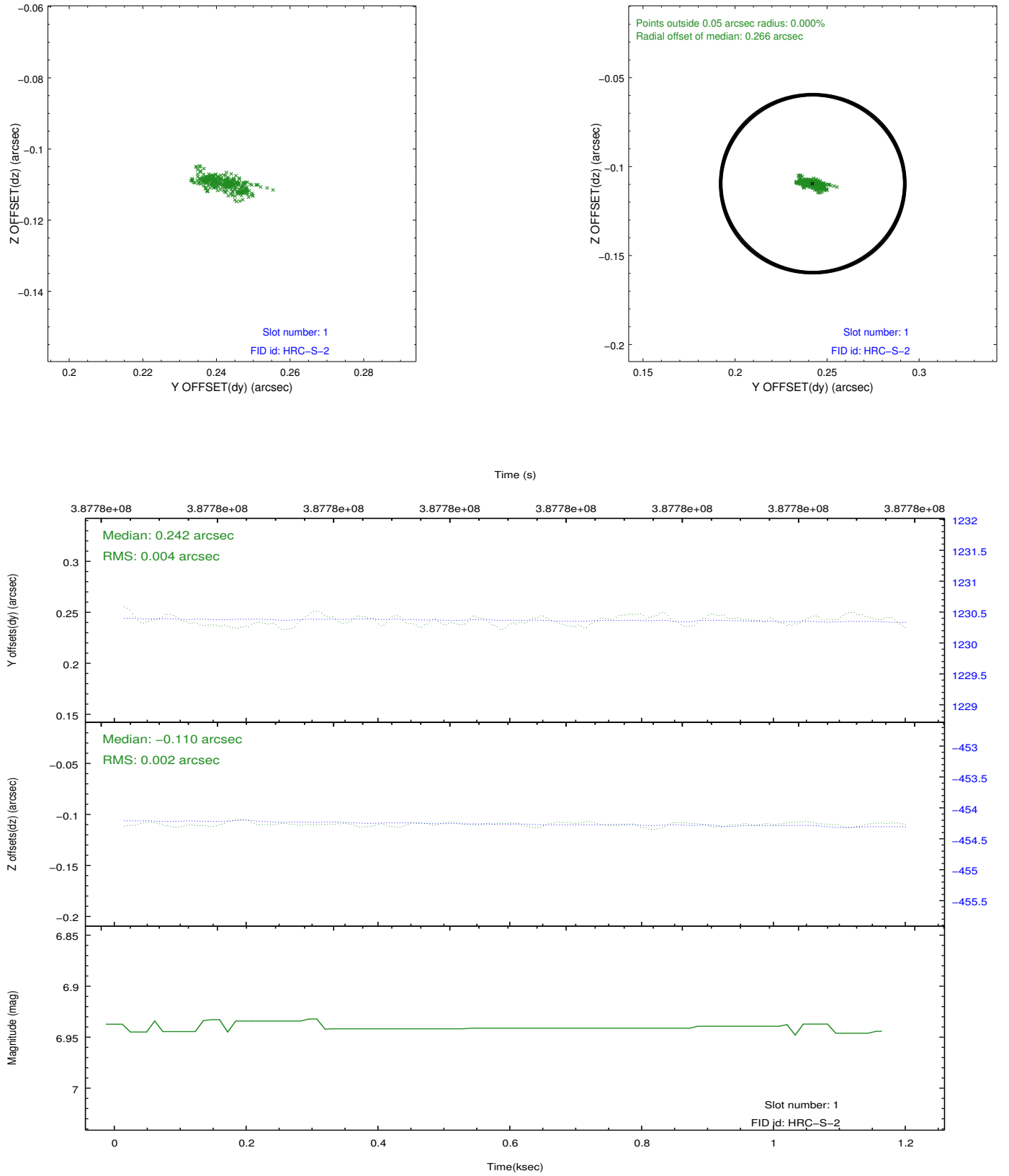


2.5 FID Slots

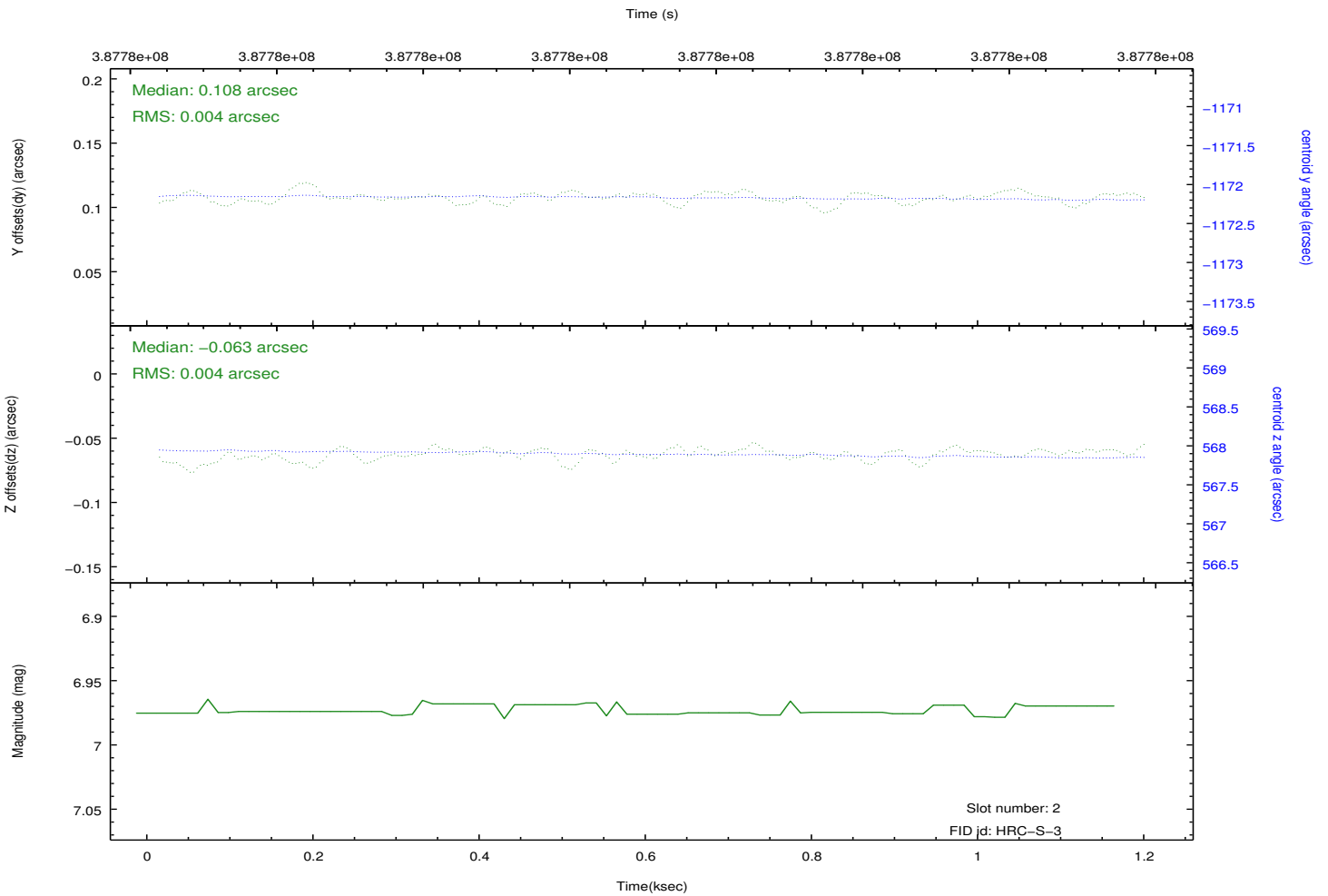
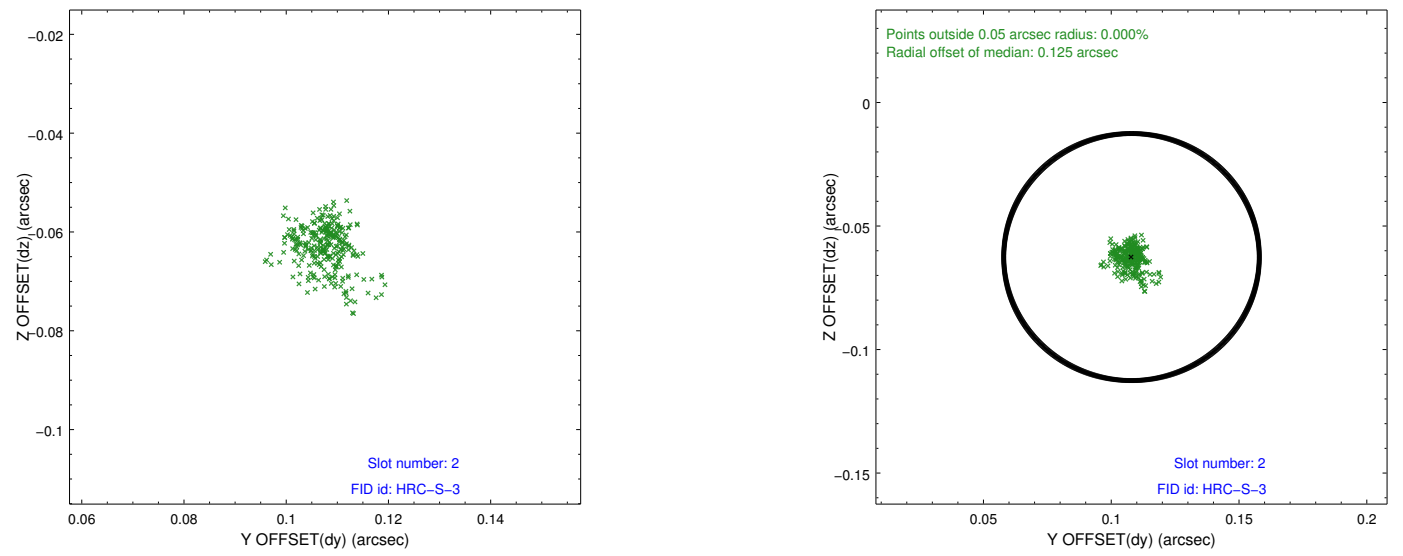
2.5.1 Slot 0



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	1.1861813102365

A.2 Comments

Window constraint met.