

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2588 - L2 Version 4
Chandra X-Ray Center

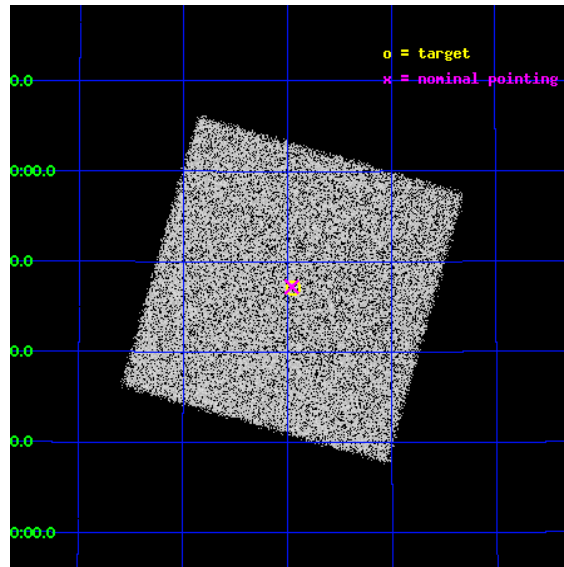
L2 Processing Date : Oct 3 2012

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1 Front

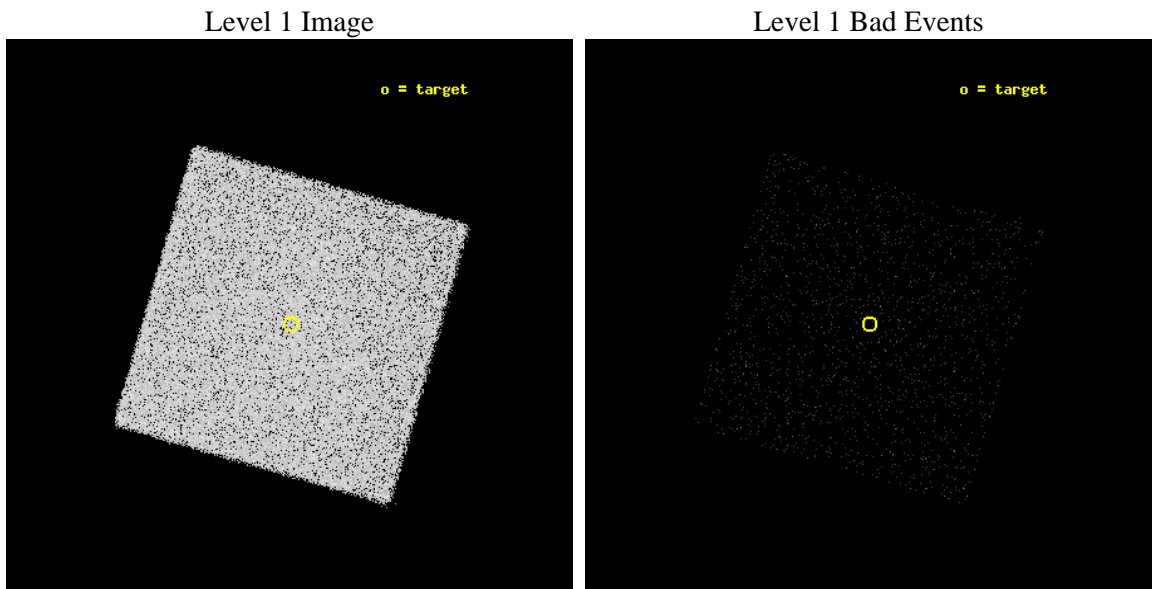
seq_num	290144	Sequence number
obs_id	2588	Observation id
title	AO3 CALIBRATION OBSERVATIONS OF VEGA	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.2393475561	Nominal RA [deg]
dec_nom	38.786939965445	Nominal Dec [deg]
roll_nom	61.127010382194	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2631.4313563704	[s]
liveltime	2617.0237156359	Ontime multiplied by DTCOR
l2events	71929	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	2759.744000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2631.4313563704	[s]
caldbver	4.5.2	 	l1events	124125	Number of level 1 events
date	2012-10-03T02:32:27	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

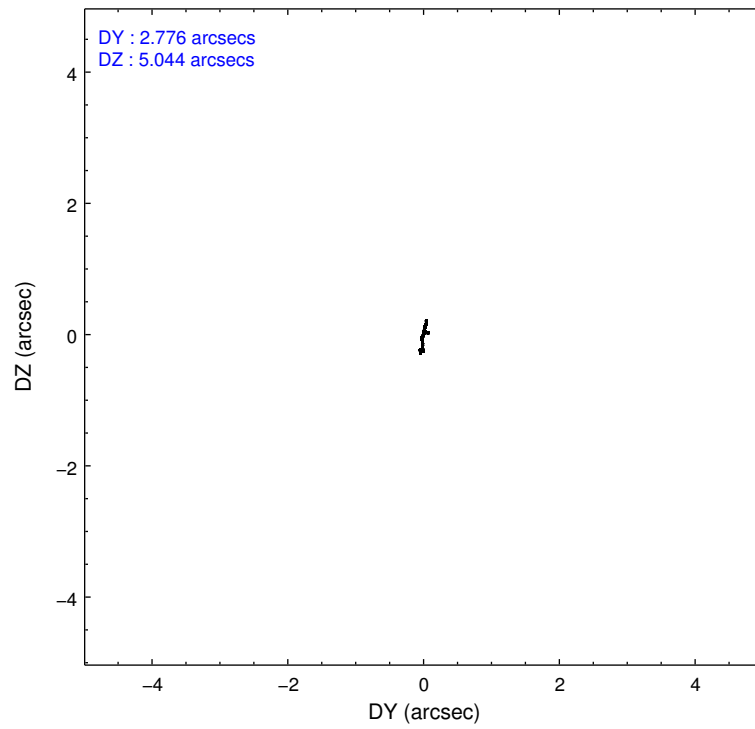
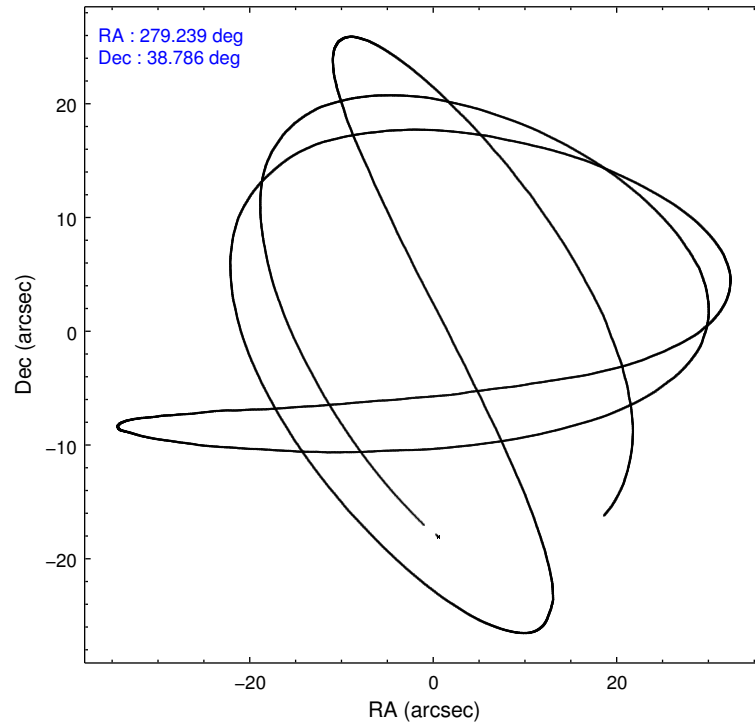
Level 1 Events

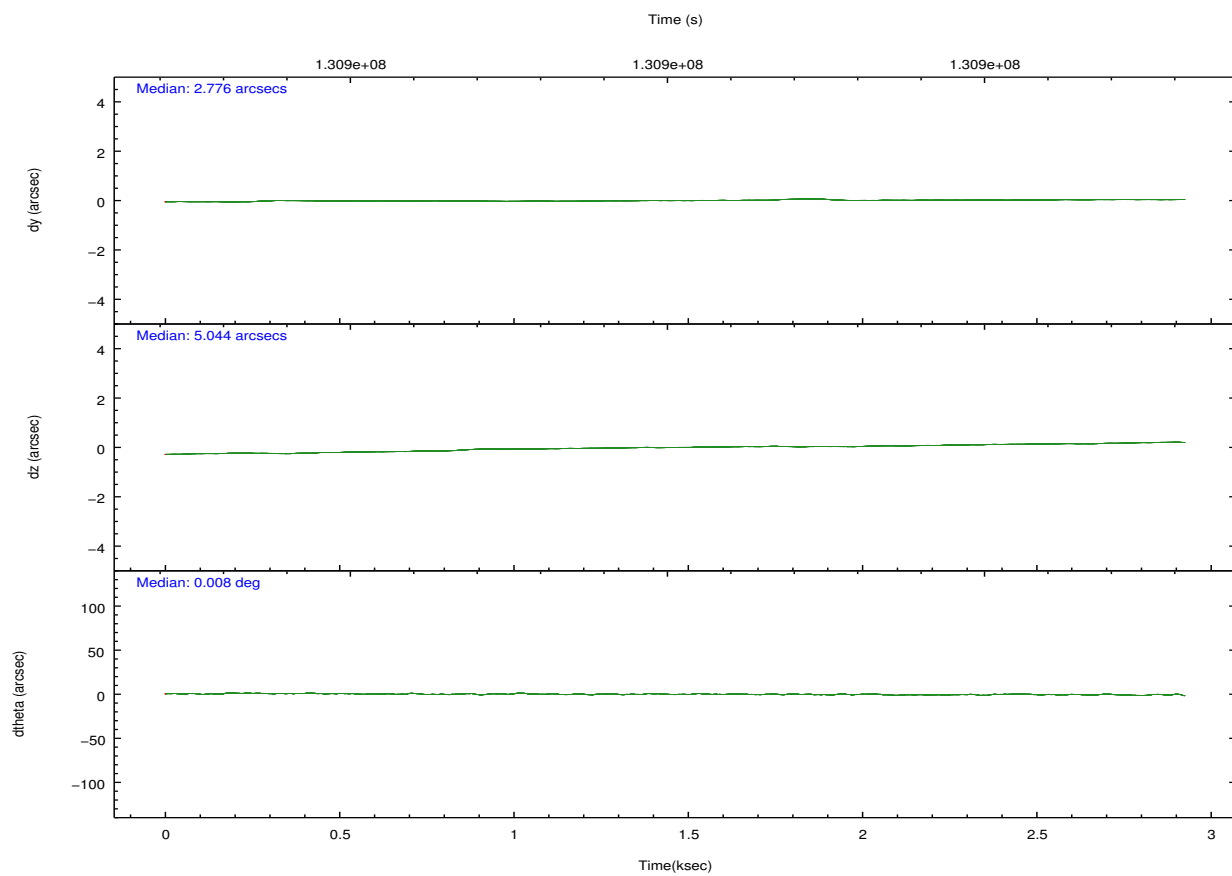
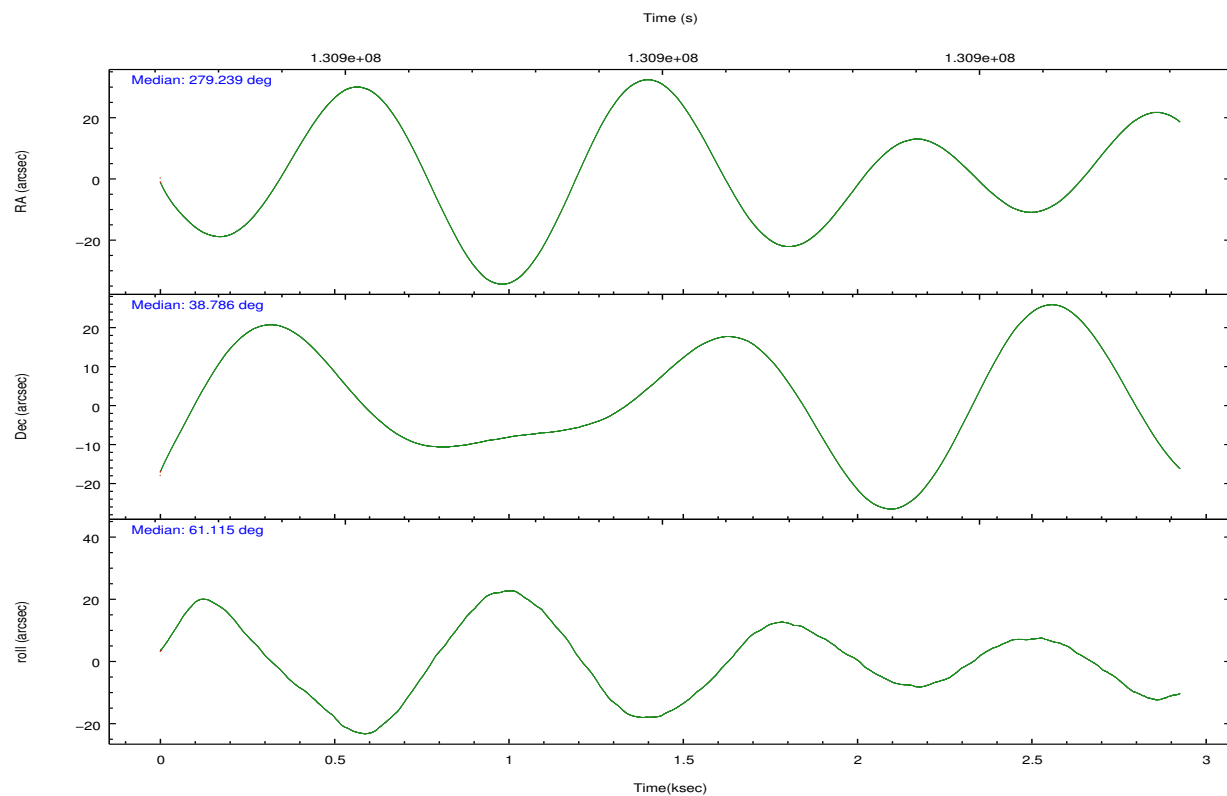
	segment 0
level 1 events	124125
rejected events	14898
rejected %	12%

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	279.240668	279.2393475560959			
[deg] Pointing Dec	38.759292	38.78693996544518			
[deg] Pointing Roll	61.221694	61.12701038219364			
[s] Window start time (MET)	128908864.184000	128908864.184000			
[s] Window stop time (MET)	131241664.184000	131241664.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	130902725.184000	130902322.15007			
Observation start date	2002-02-24T01:51:01	2002-02-24T01:45:22			
[s] Observation end time (MET)	130905485.184000	130905799.97521			
Observation end date	2002-02-24T02:37:01	2002-02-24T02:43:19			

2.3 Aspect



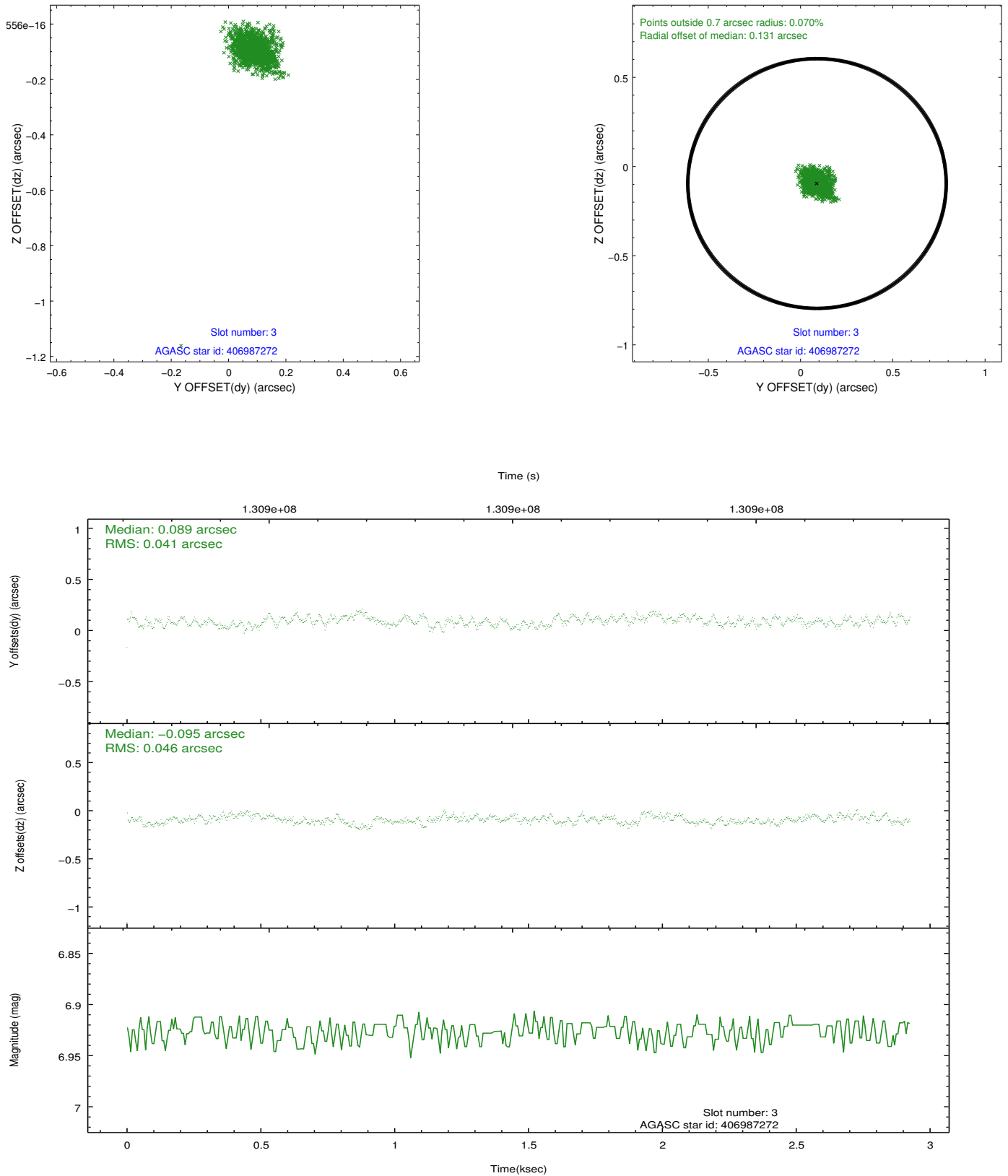


Slot Statistics

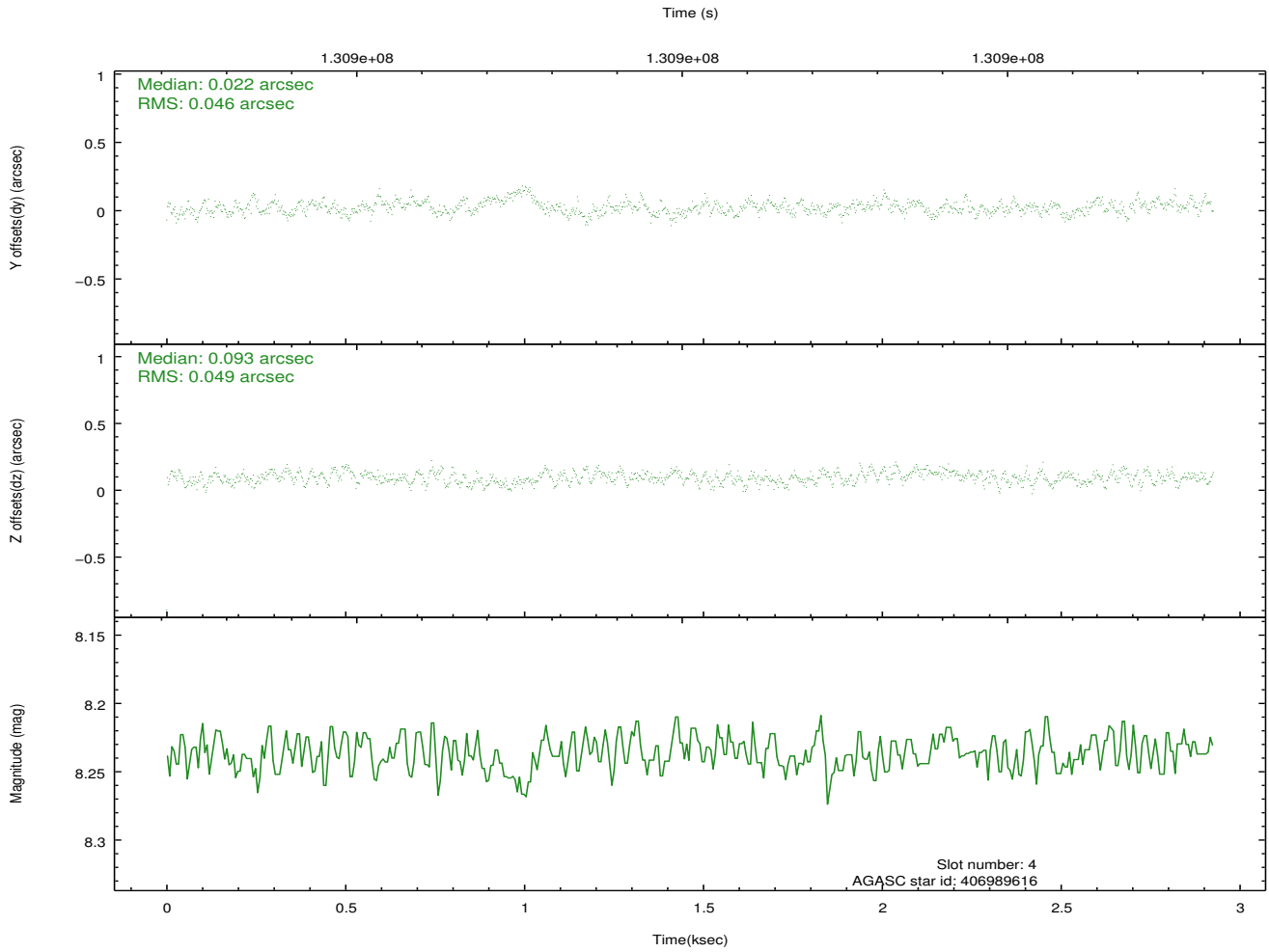
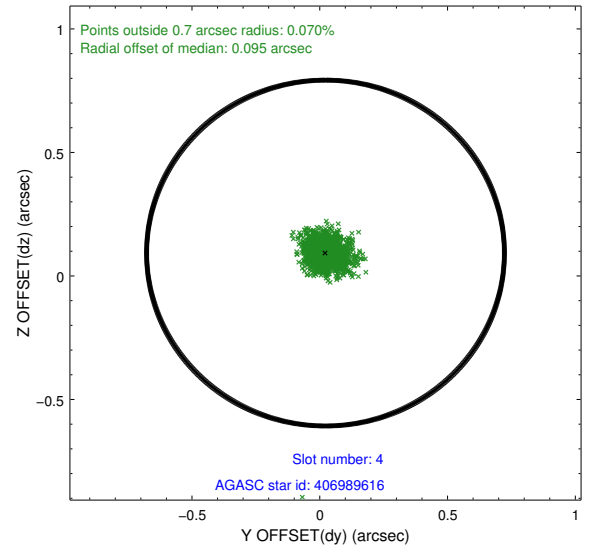
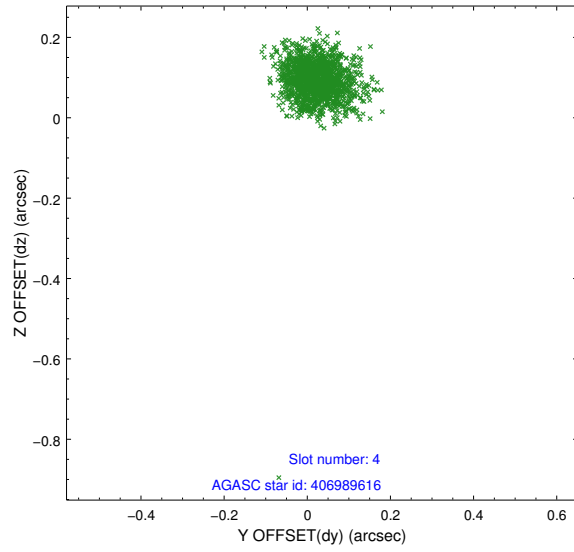
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	714	0.015	0.057	0.008	0.014	0.000000	0.000000	-758.22	-1292.76
1	FID	HRC-I-2	7.01	714	0.058	-0.041	0.007	0.013	0.000000	0.000000	853.40	-1296.22
2	FID	HRC-I-3	7.06	714	0.046	-0.105	0.007	0.011	0.000000	0.000000	-1185.50	1009.82
3	GUIDE	406987272	6.93	1428	0.089	-0.095	0.058	0.097	278.536588	38.437504	-1966.24	1185.40
4	GUIDE	406989616	8.24	1428	0.022	0.093	0.067	0.110	279.202881	38.520843	-806.55	-319.59
5	GUIDE	406990192	9.00	1428	0.050	-0.034	0.090	0.142	278.510952	38.533654	-1696.56	1413.04
6	GUIDE	406983600	8.94	1428	-0.126	0.072	0.069	0.113	279.940957	39.020708	1771.62	-1259.29
7	GUIDE	406980288	9.30	1423	-0.037	-0.034	0.096	0.171	278.903147	39.061646	501.27	1350.54

2.4 Star Slots

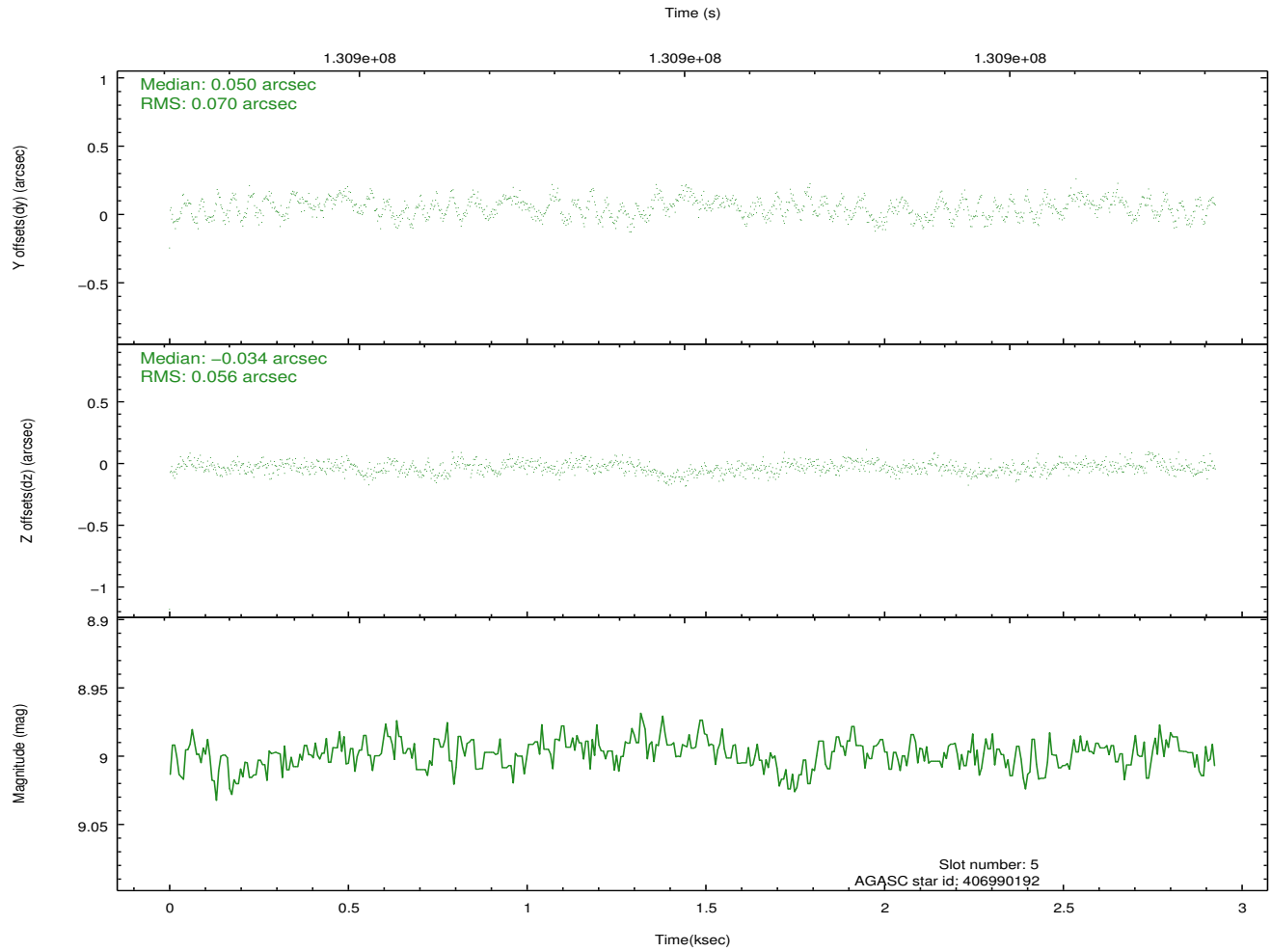
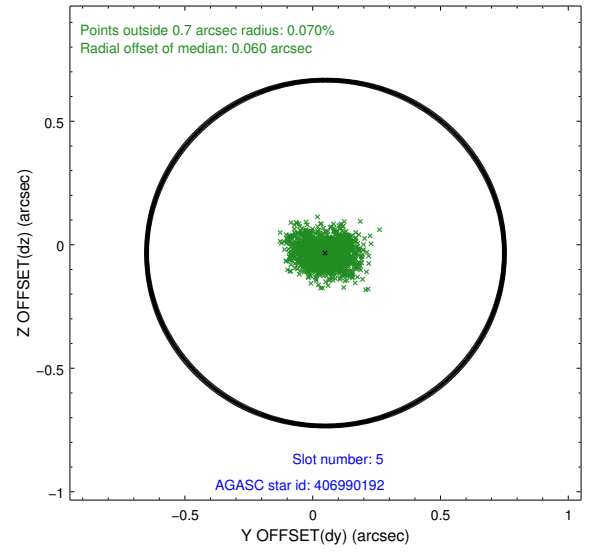
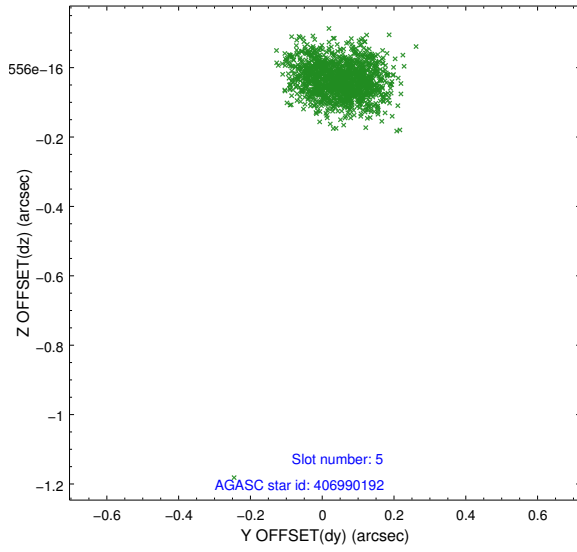
2.4.1 Slot 3



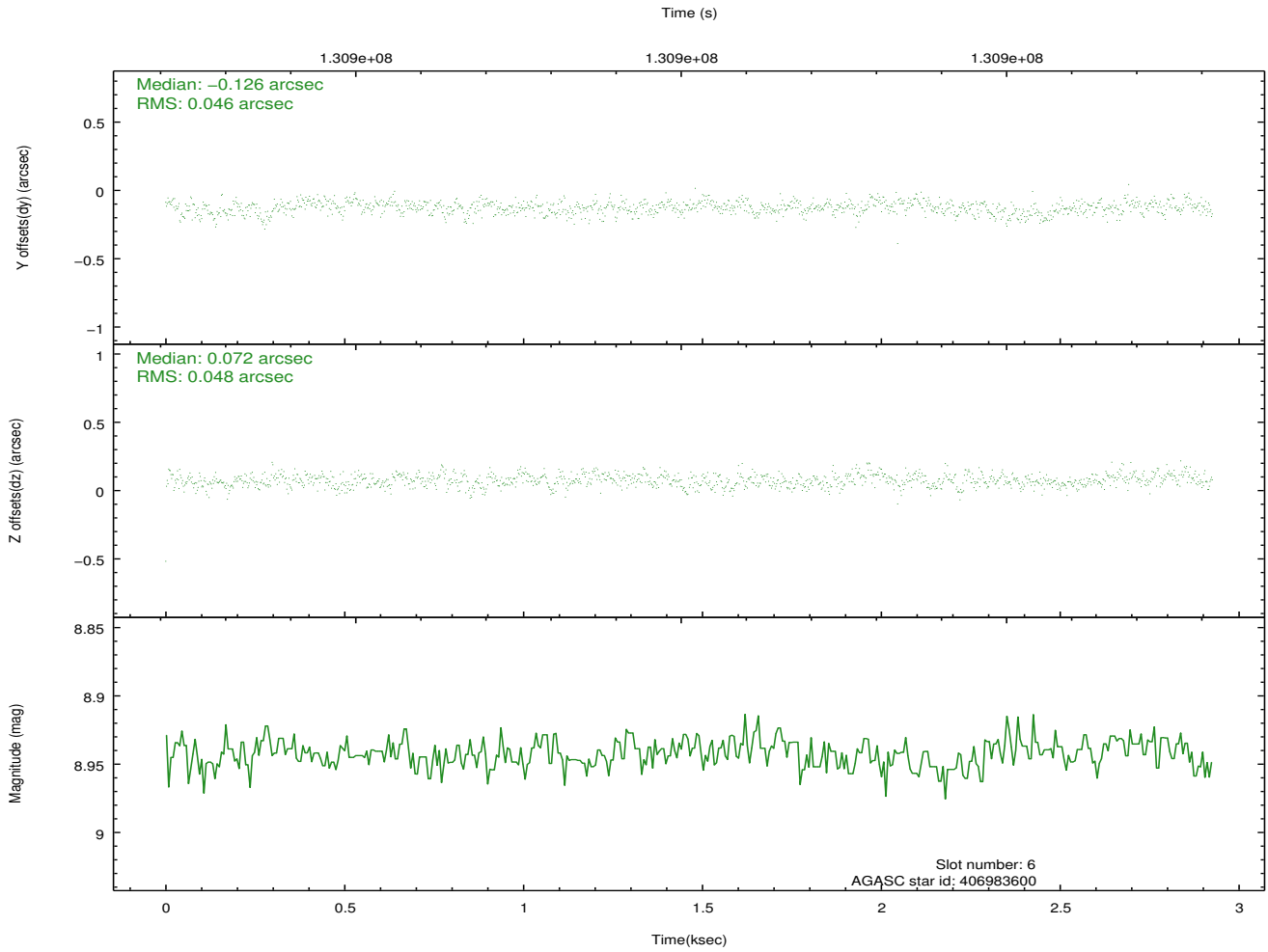
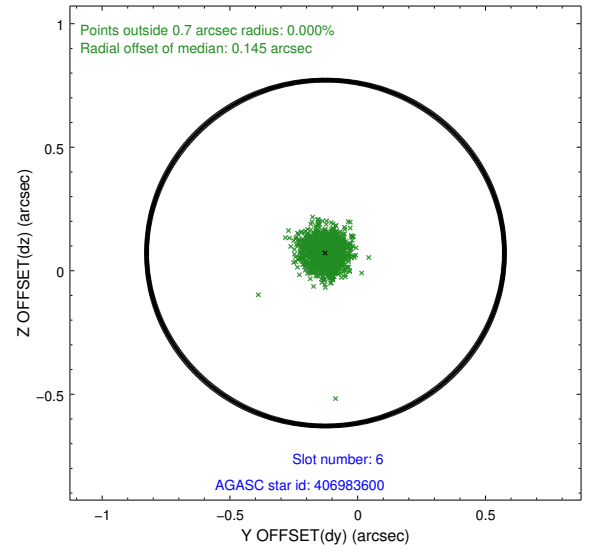
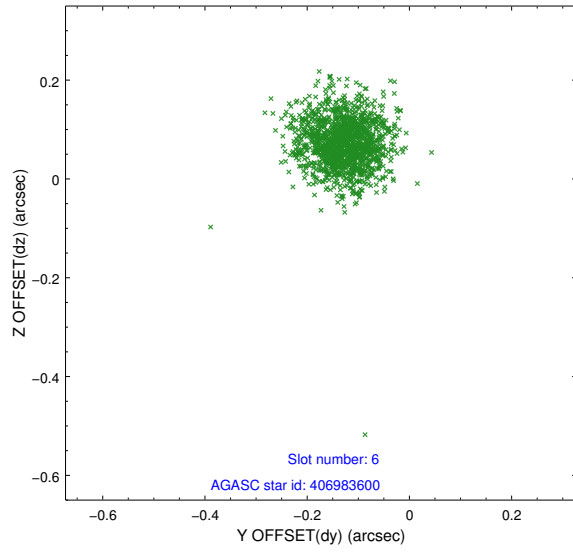
2.4.2 Slot 4



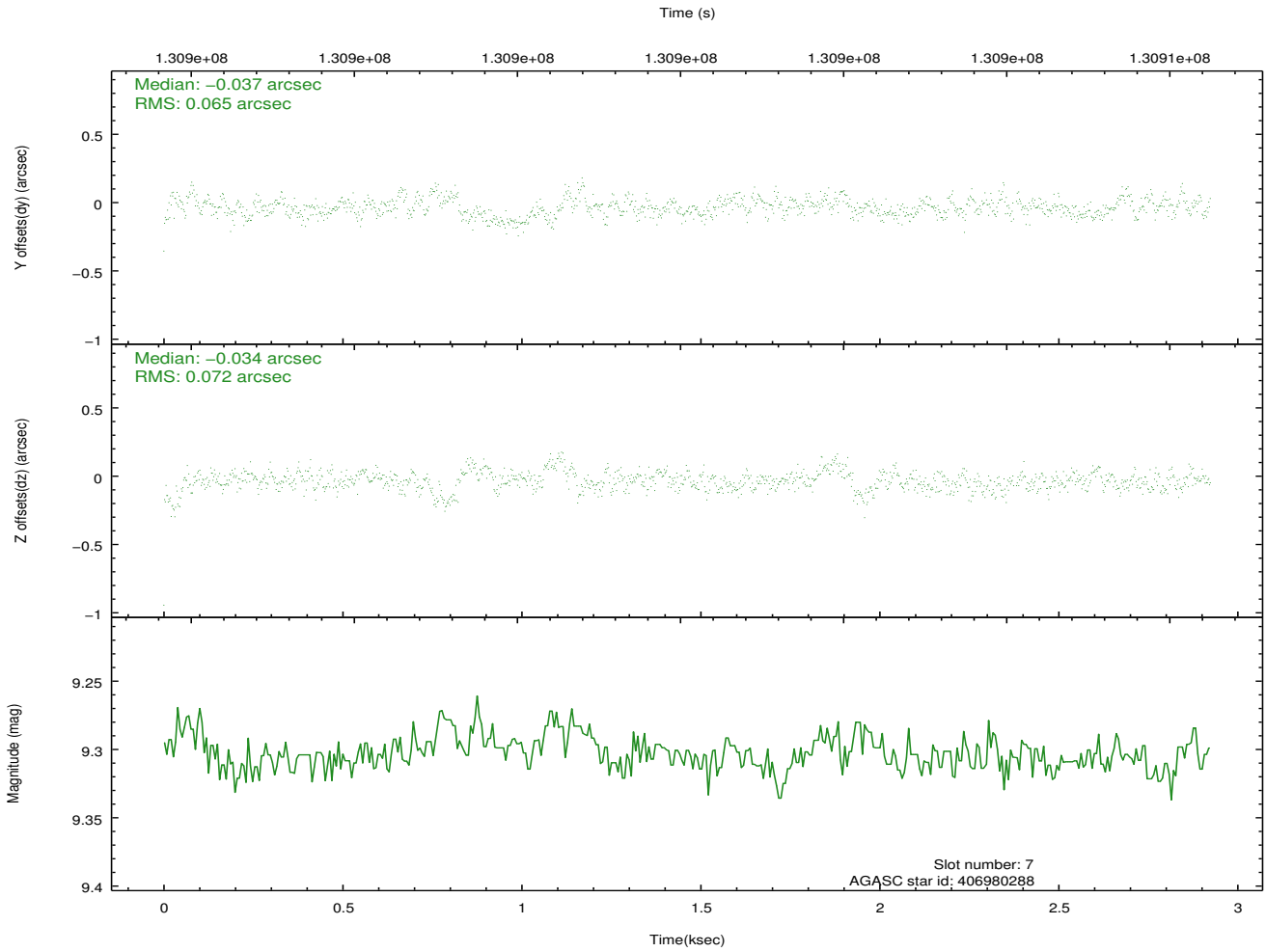
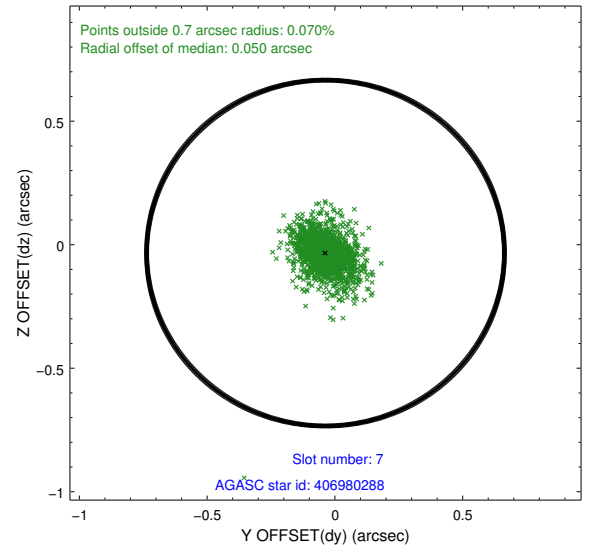
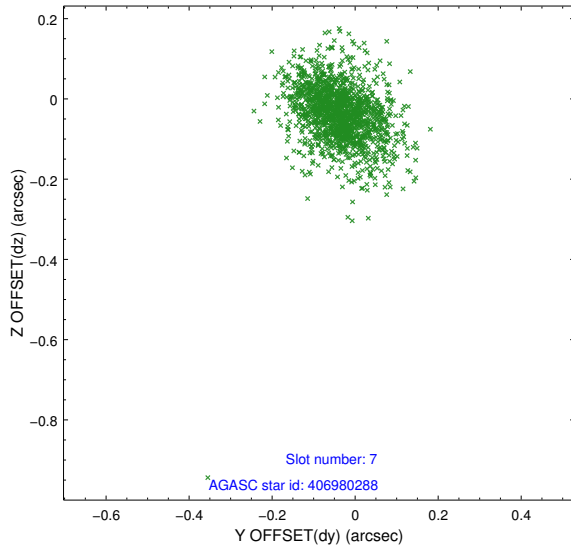
2.4.3 Slot 5



2.4.4 Slot 6

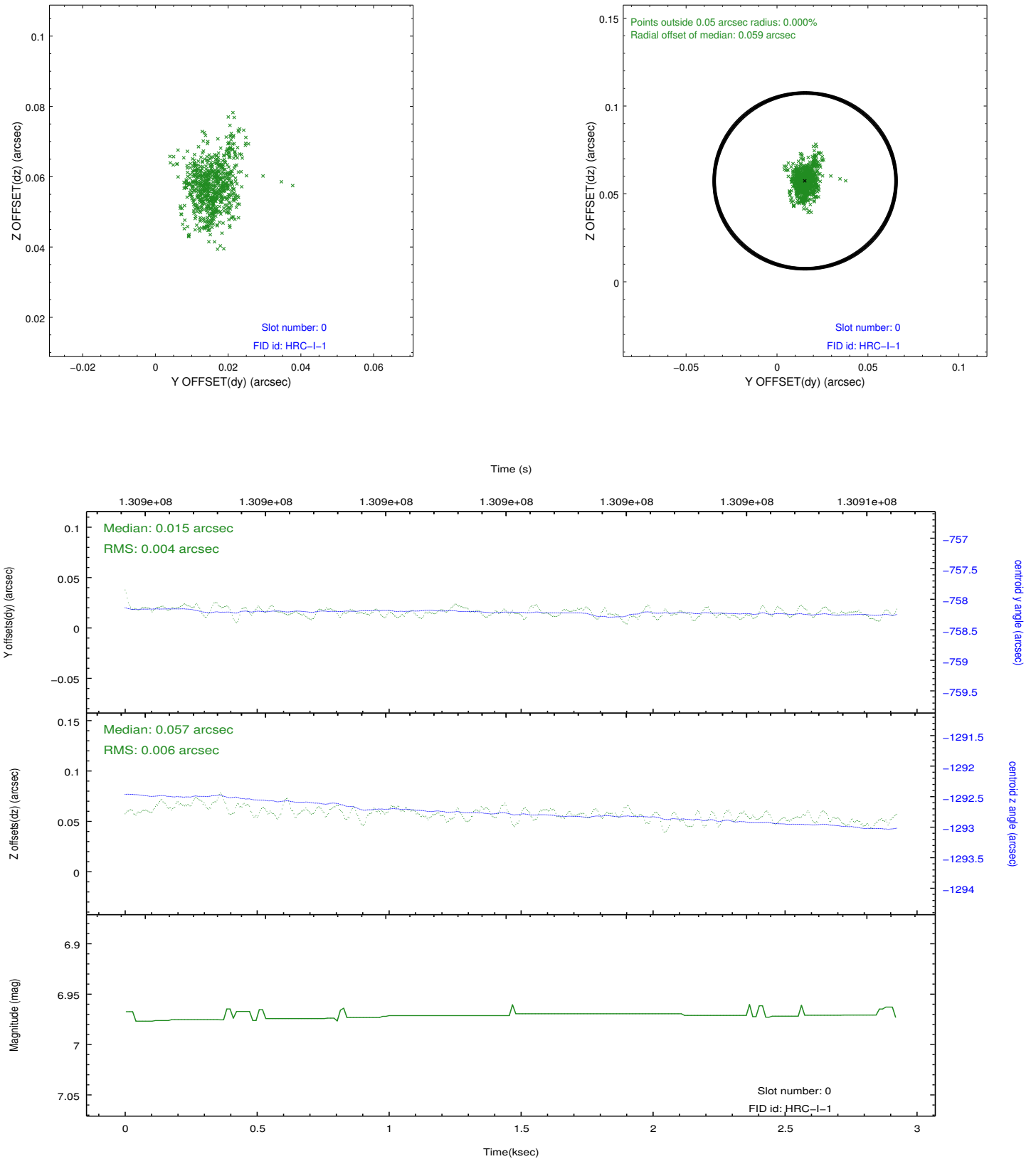


2.4.5 Slot 7

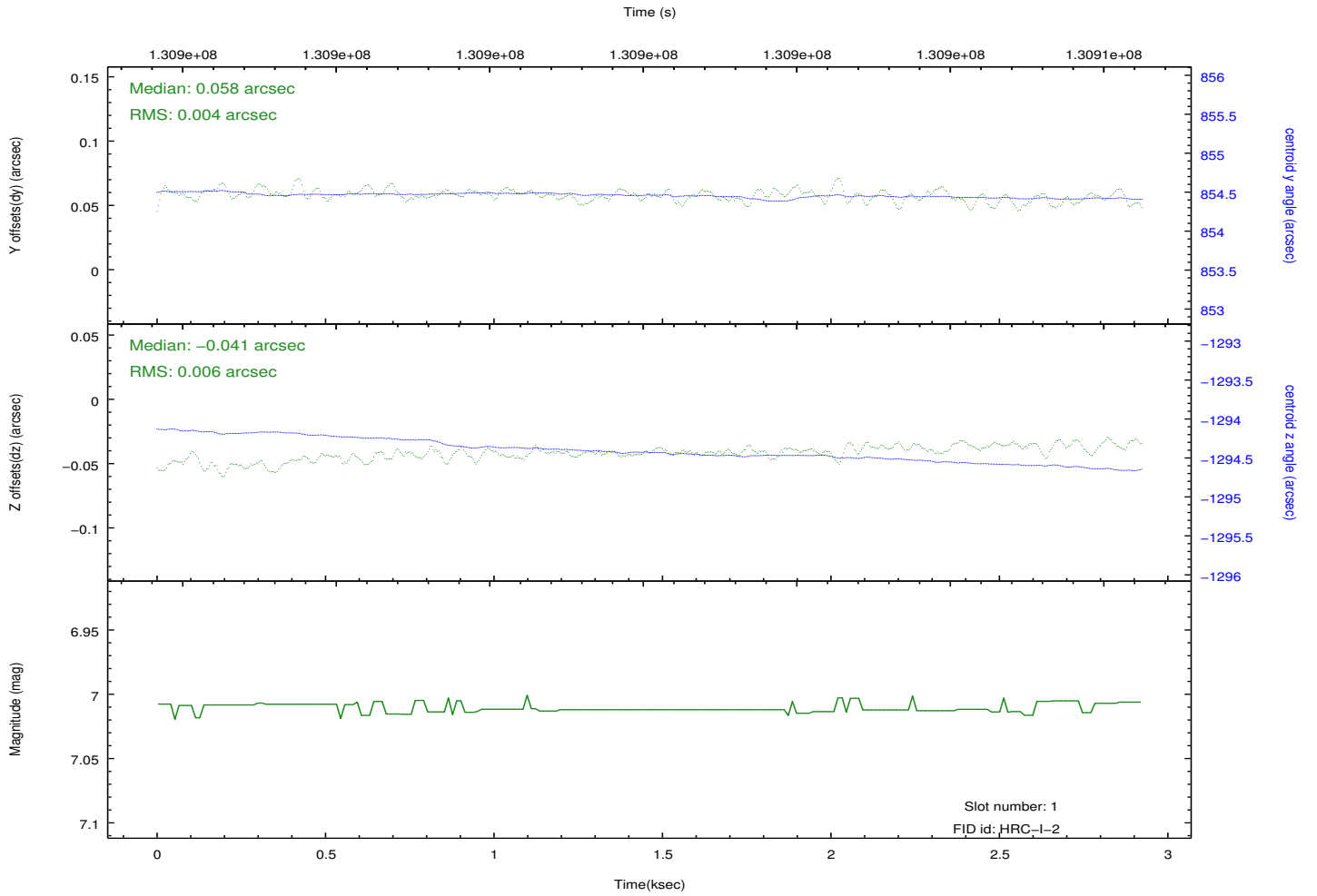
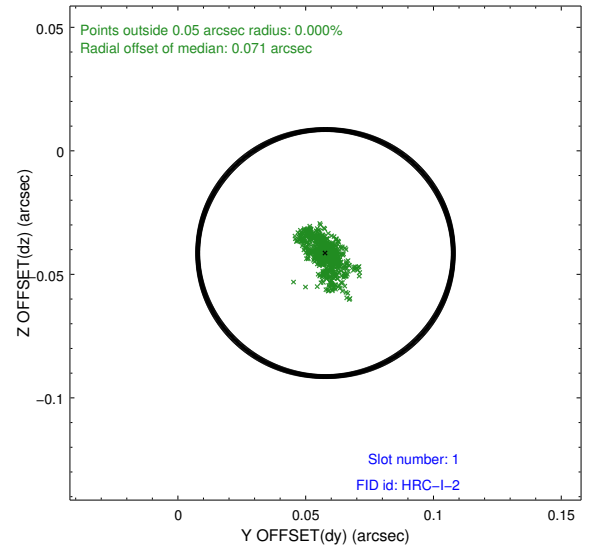
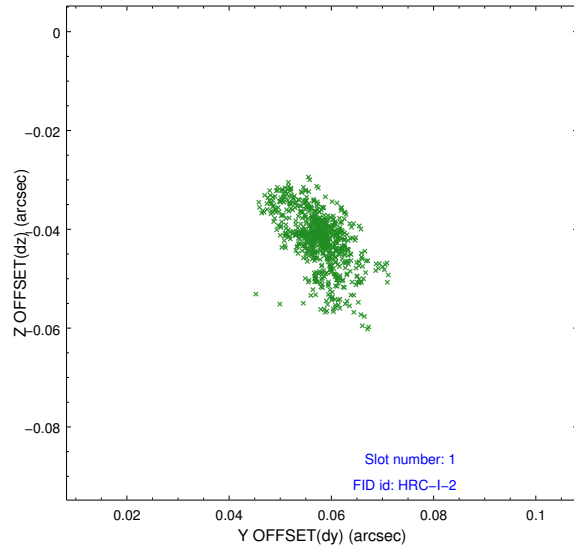


2.5 FID Slots

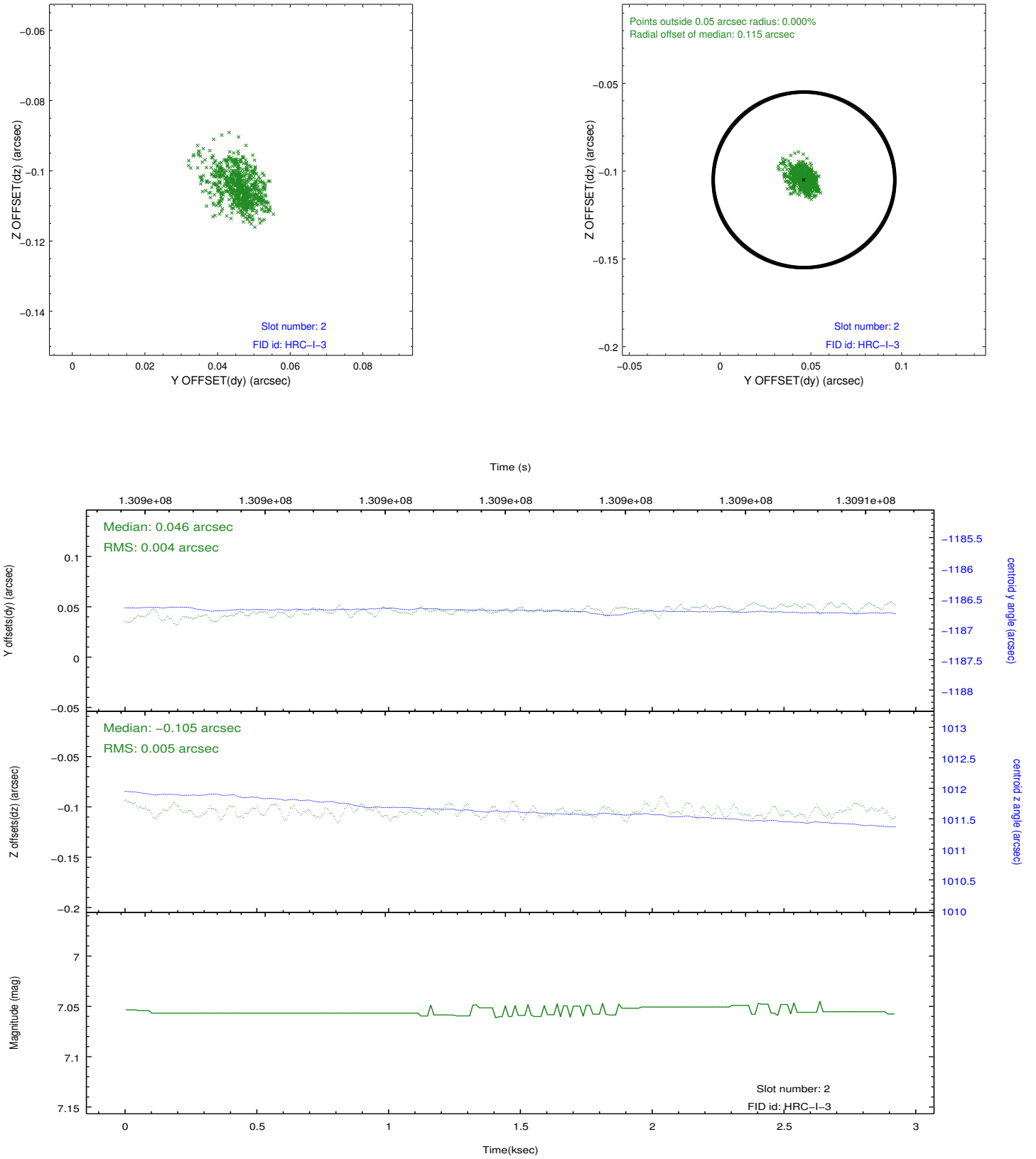
2.5.1 Slot 0



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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.631

A.2 Comments

Window constraint satisfied.