

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6485 - L2 Version 3
Chandra X-Ray Center

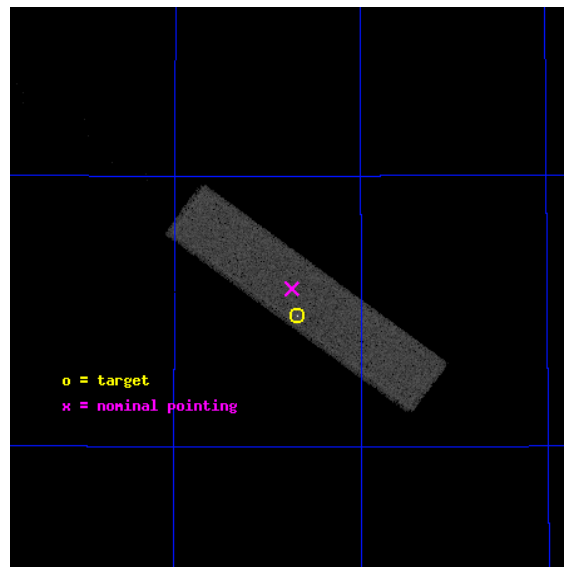
L2 Processing Date : Aug 11 2012

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1 Front

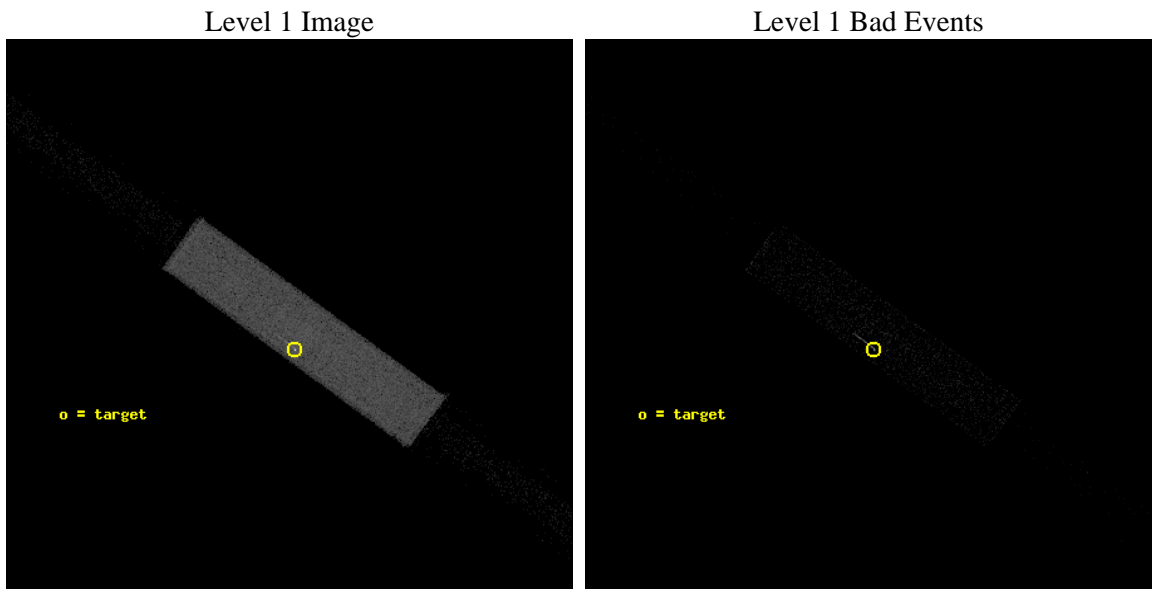
seq_num	290578	Sequence number
obs_id	6485	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18509735655	Nominal RA [deg]
dec_nom	45.792115386109	Nominal Dec [deg]
roll_nom	35.87115866542	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313035965	[s]
livetime	1142.3134648861	Ontime multiplied by DTCOR
l2events	63953	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1151.3313035965	[s]
caldbver	4.5.1.1	 	l1events	101731	Number of level 1 events
date	2012-08-11T04:52:27	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

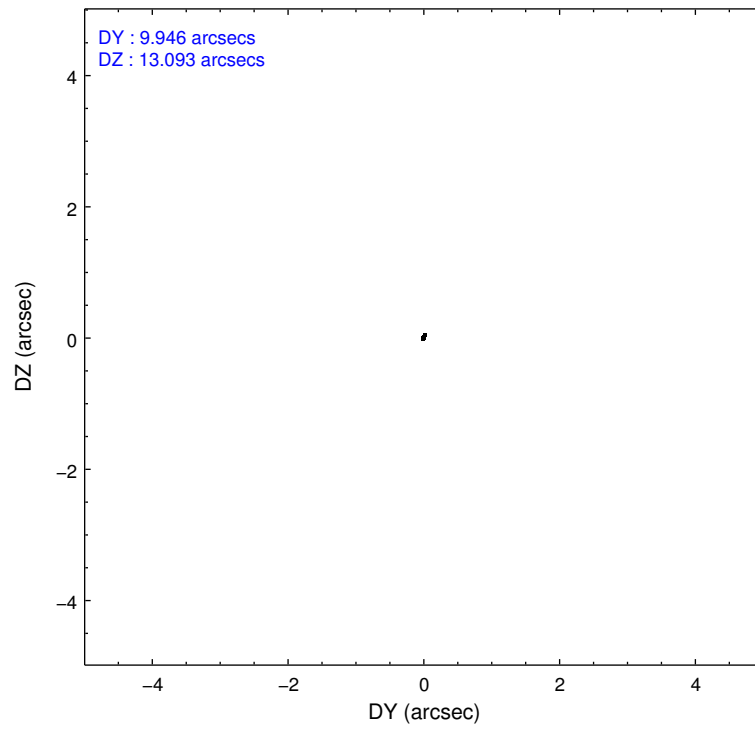
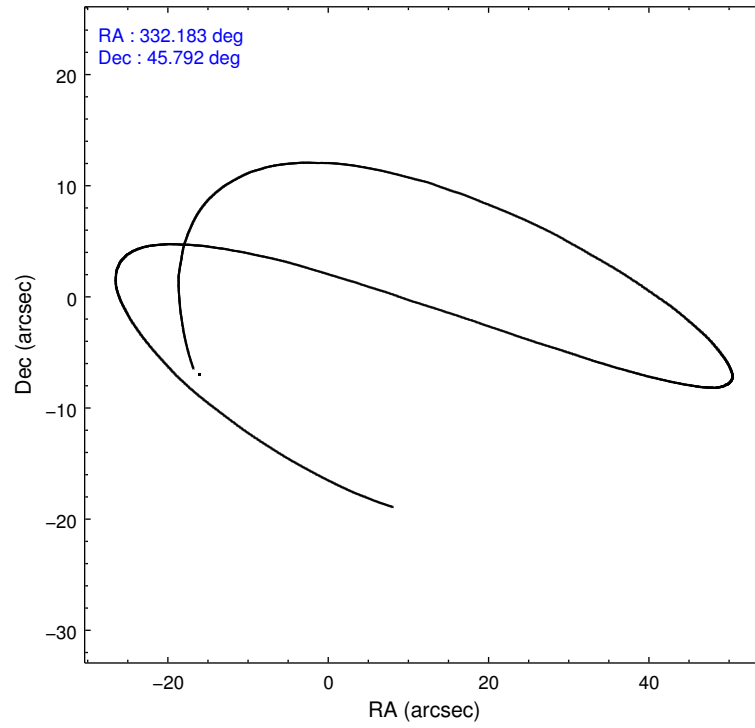
	segment 1	segment 2	segment 3
level 1 events	890	99991	850
rejected events	890	23047	837
rejected %	100%	23%	98%

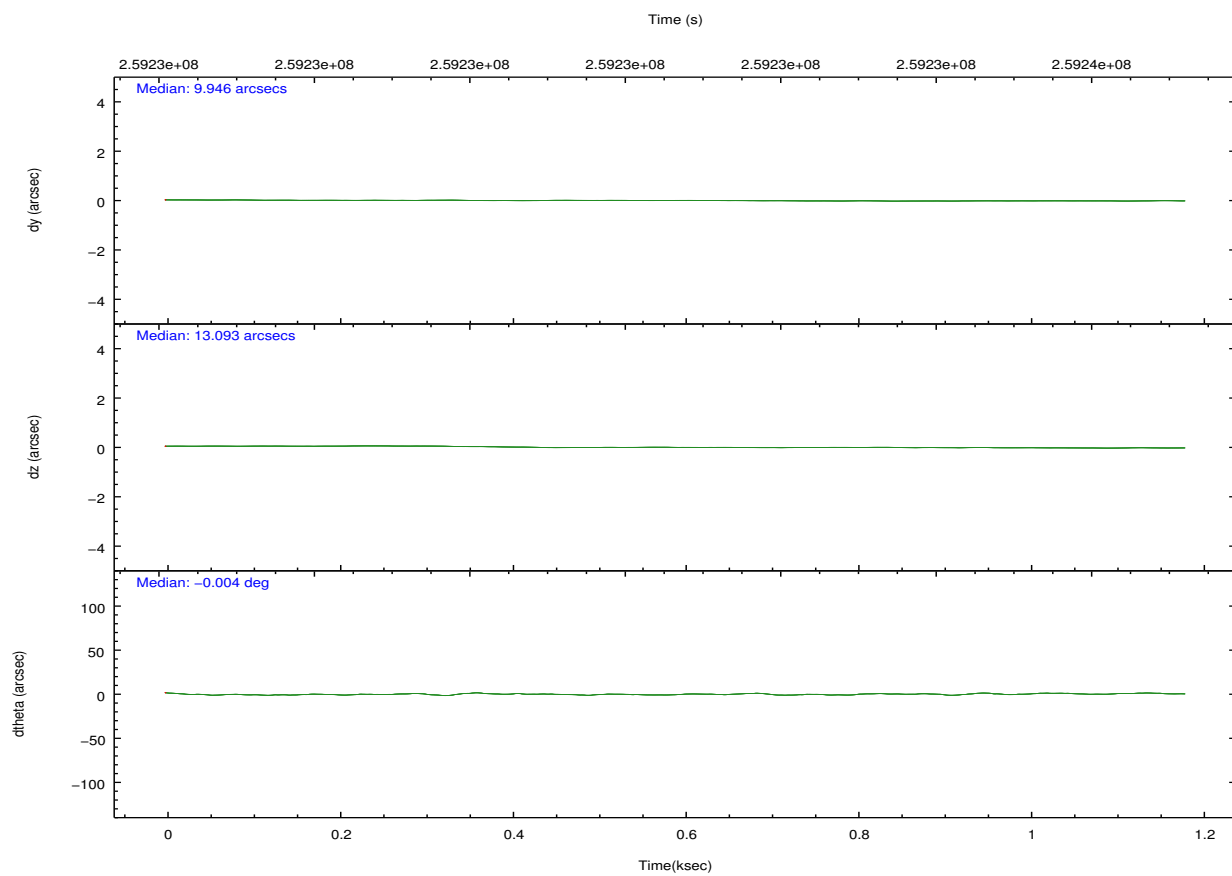
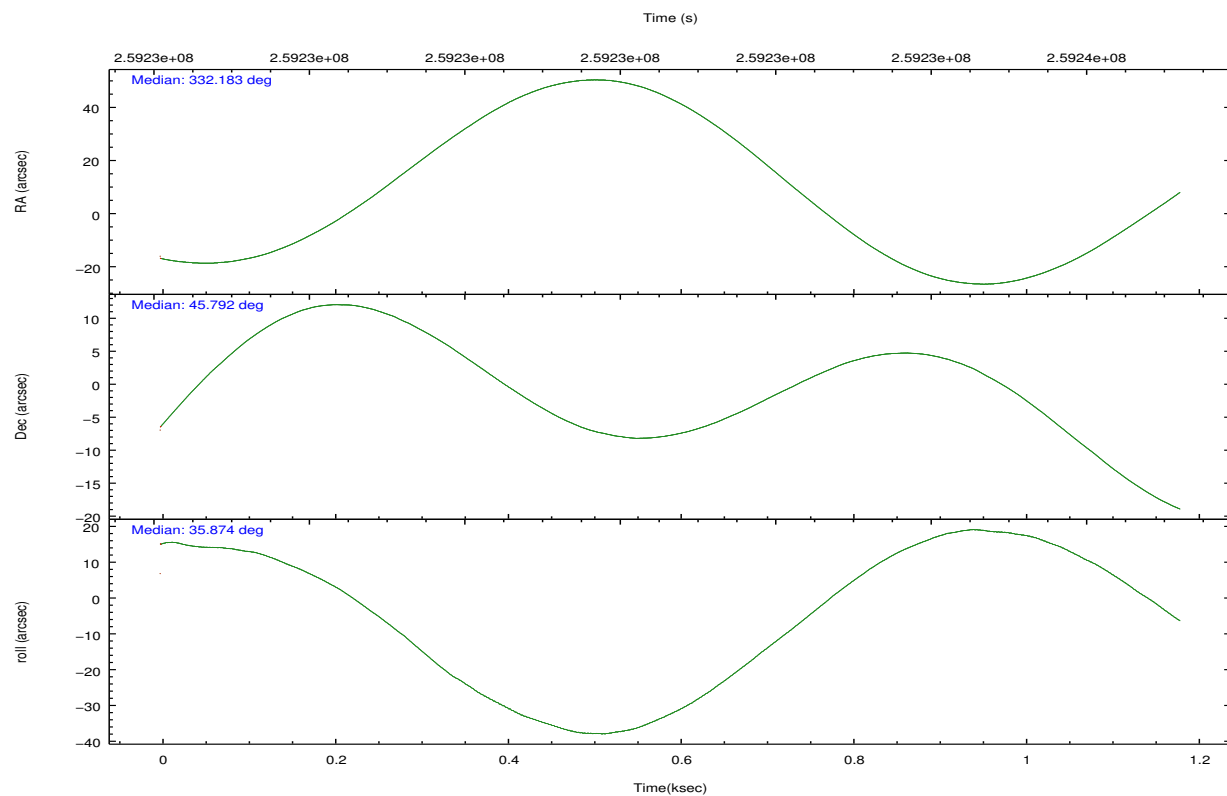
2.2 Compared Parameters

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	332.171456	332.1850973565485
[deg] Pointing Dec	45.764819	45.7921153861093
[deg] Pointing Roll	35.813590	35.87115866542011
[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)	259234049.184000	259233673.58035
Observation start date	2006-03-20T09:26:24	2006-03-20T09:21:13
[s] Observation end time (MET)	259235049.184000	259235183.40542
Observation end date	2006-03-20T09:43:04	2006-03-20T09:46:23

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

2.3 Aspect



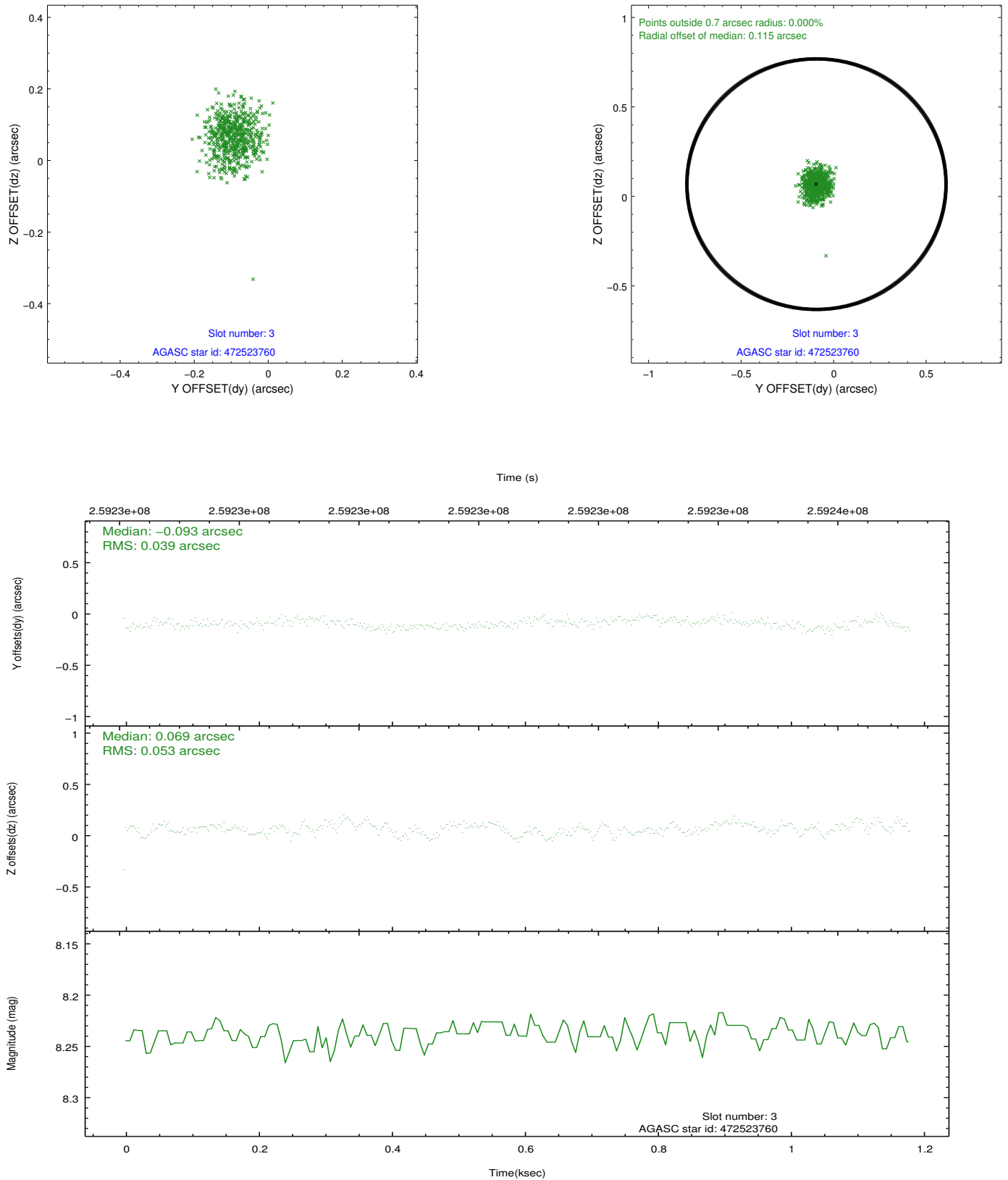


Slot Statistics

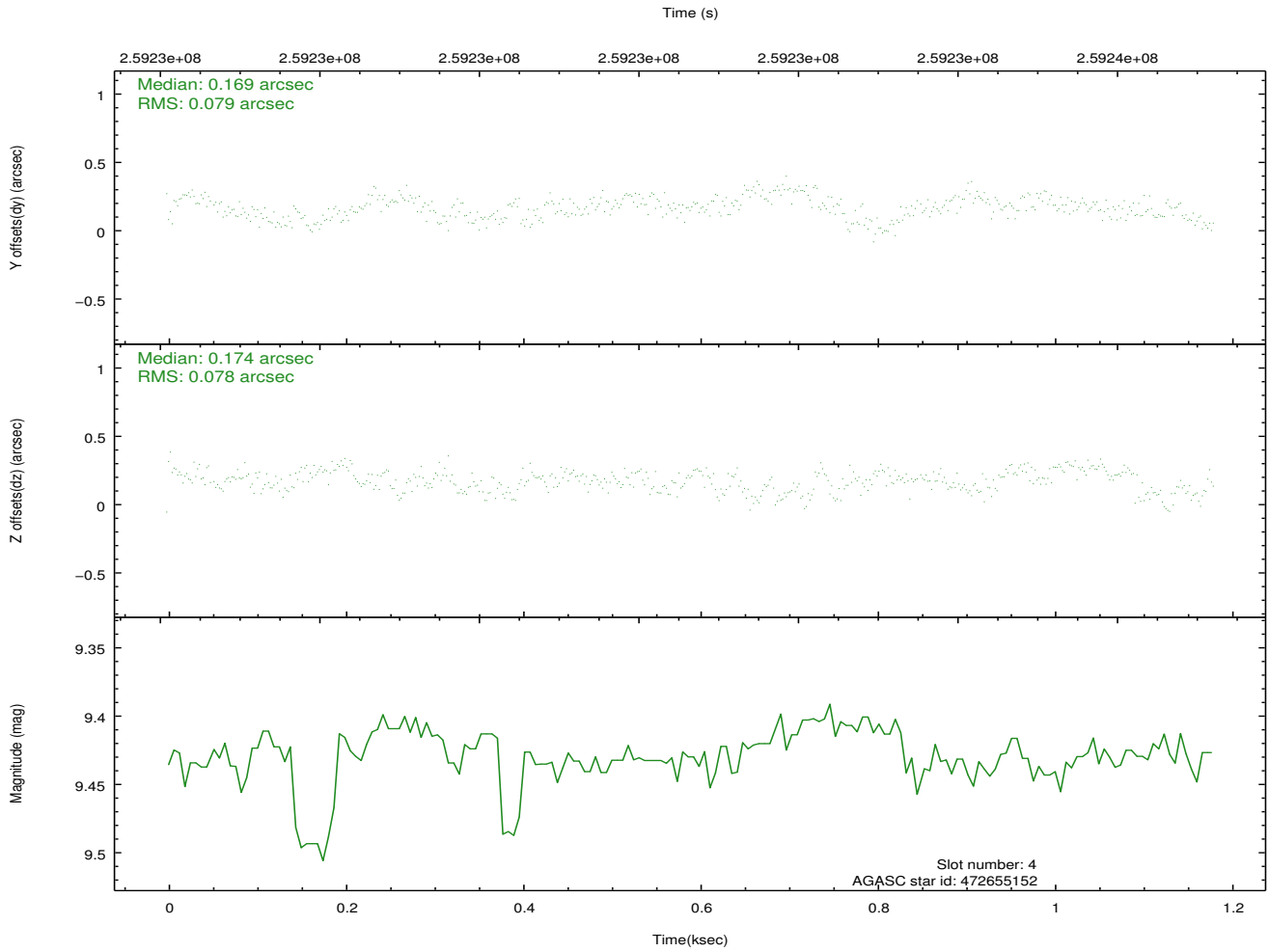
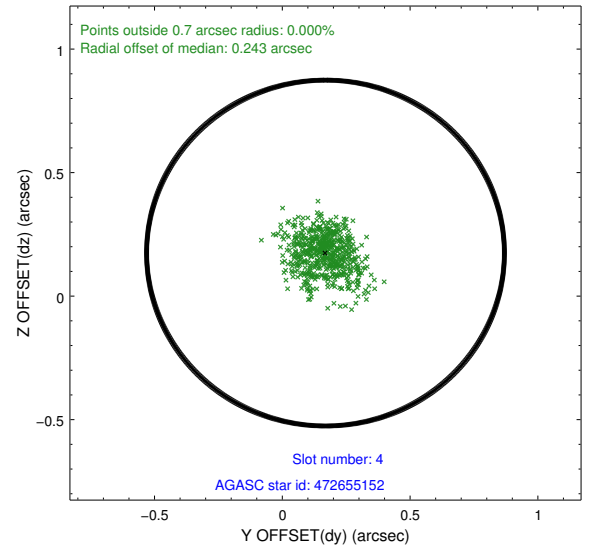
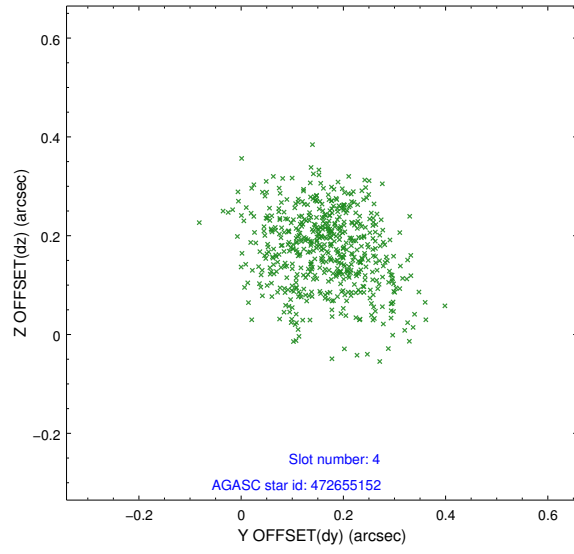
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.128	-0.155	0.009	0.015	0.000000	0.000000	-1164.15	-461.89
1	FID	HRC-S-2	7.04	289	0.139	-0.104	0.005	0.008	0.000000	0.000000	1231.49	-456.05
2	FID	HRC-S-3	7.06	289	0.123	-0.043	0.009	0.014	0.000000	0.000000	-1162.62	566.16
3	GUIDE	472523760	8.24	577	-0.093	0.069	0.069	0.111	331.645363	45.403260	-1836.15	-277.26
4	GUIDE	472655152	9.43	575	0.169	0.174	0.117	0.192	332.504239	45.862991	882.72	-204.03
5	GUIDE	472665256	9.03	577	-0.213	0.003	0.084	0.140	332.808125	46.195041	2199.31	328.85
6	GUIDE	472525528	6.62	577	0.073	-0.070	0.071	0.116	331.551102	45.248694	-2353.38	-584.75
7	GUIDE	472659832	9.47	576	0.054	-0.160	0.118	0.210	332.780399	46.098139	1935.64	83.54

2.4 Star Slots

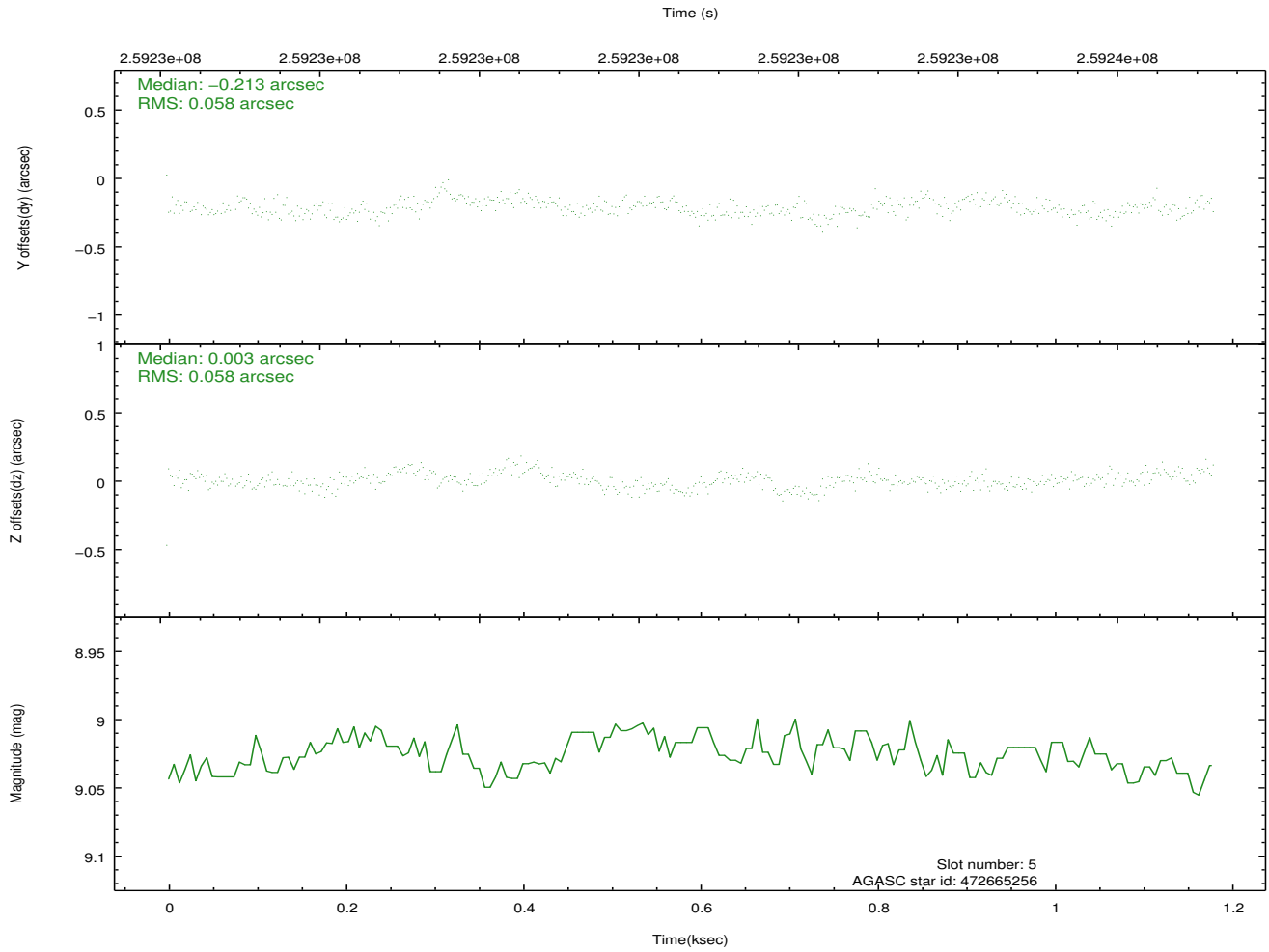
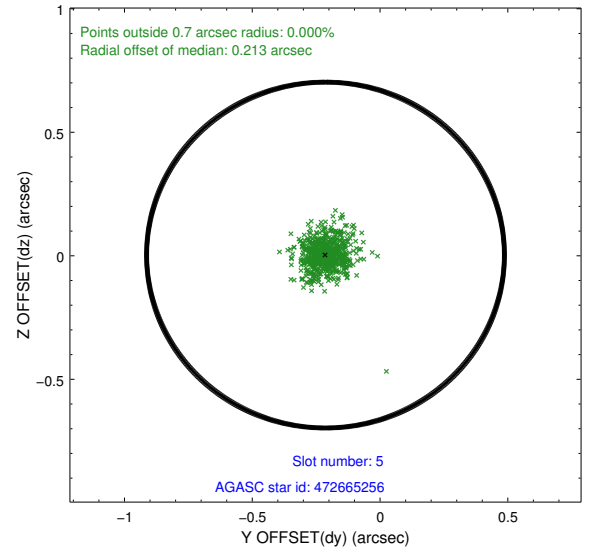
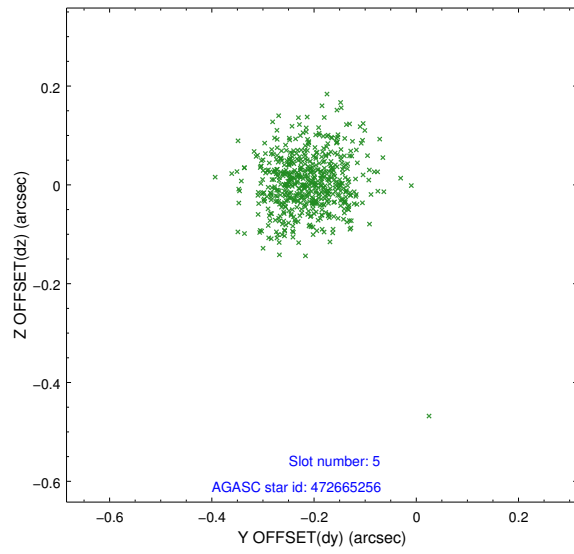
2.4.1 Slot 3



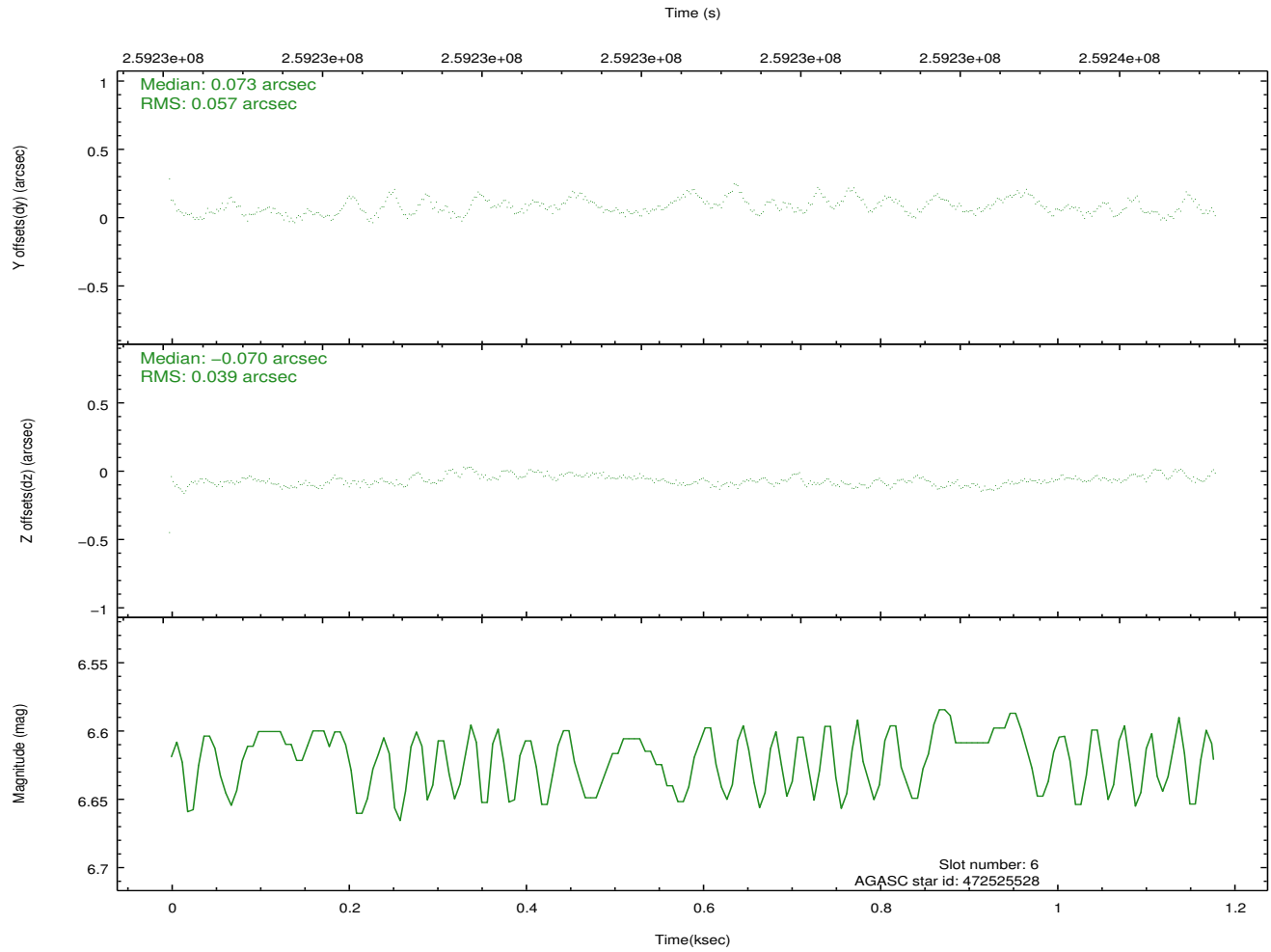
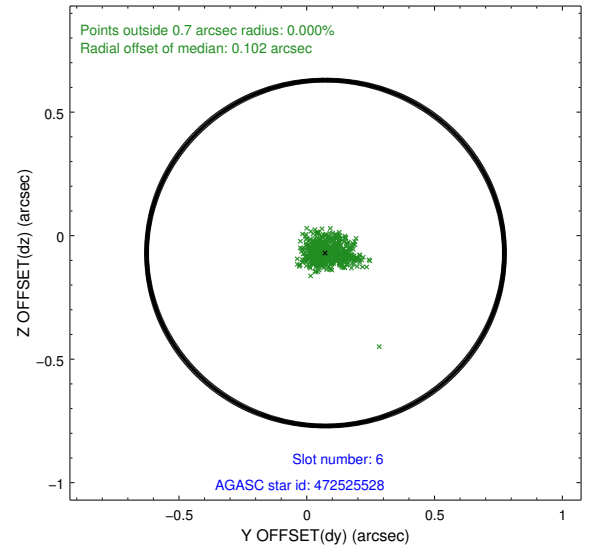
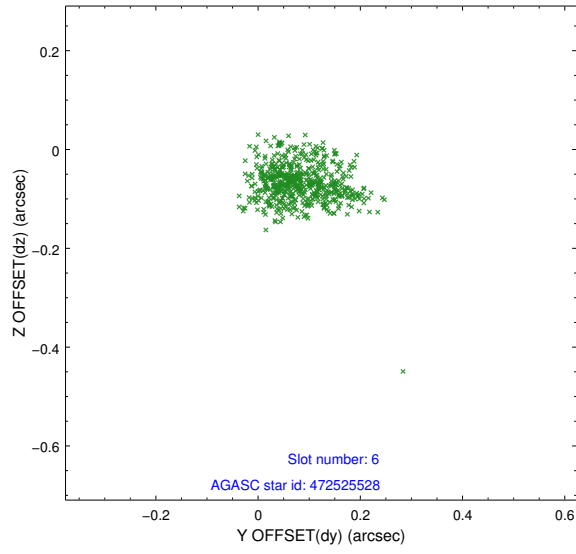
2.4.2 Slot 4



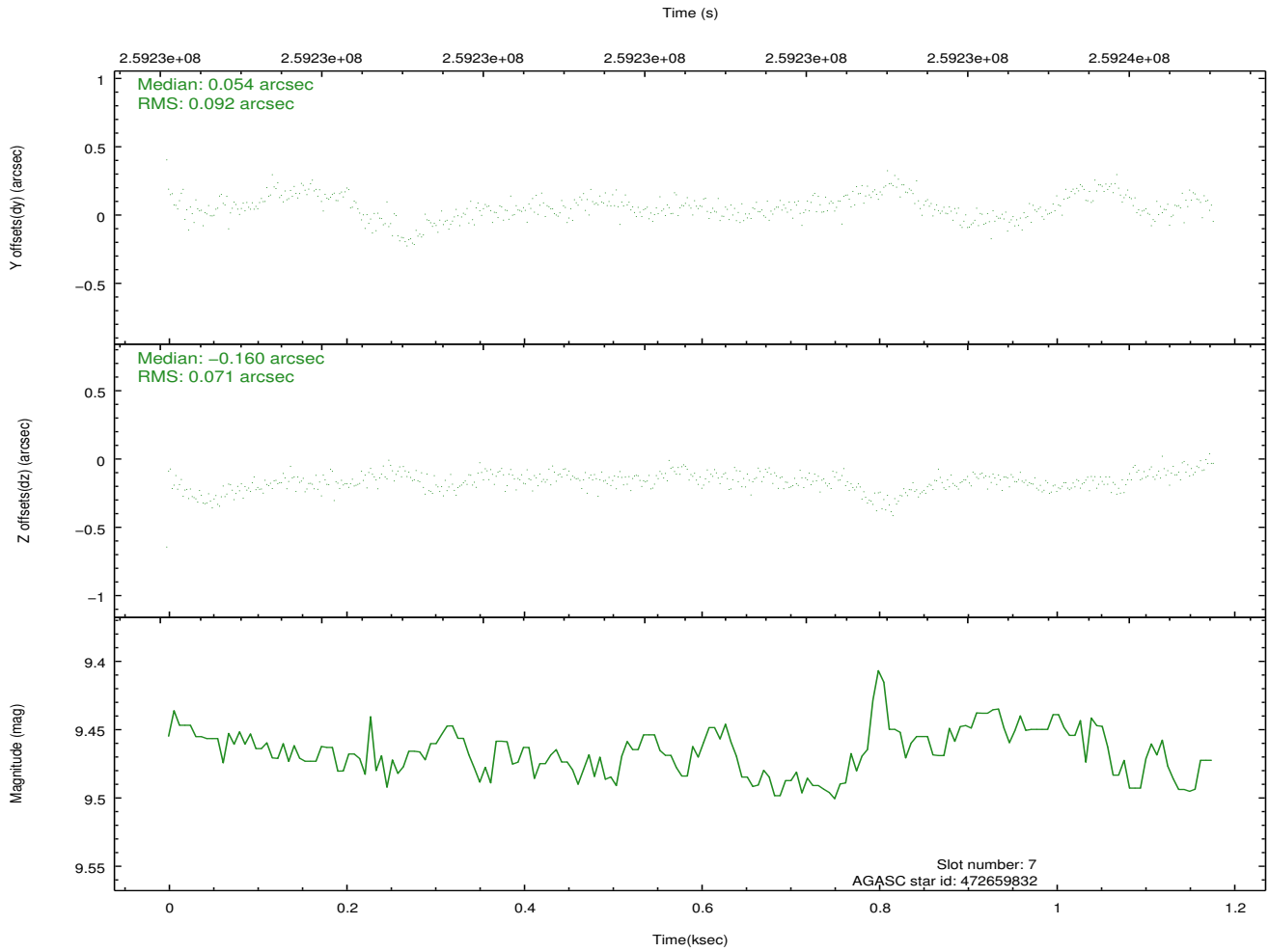
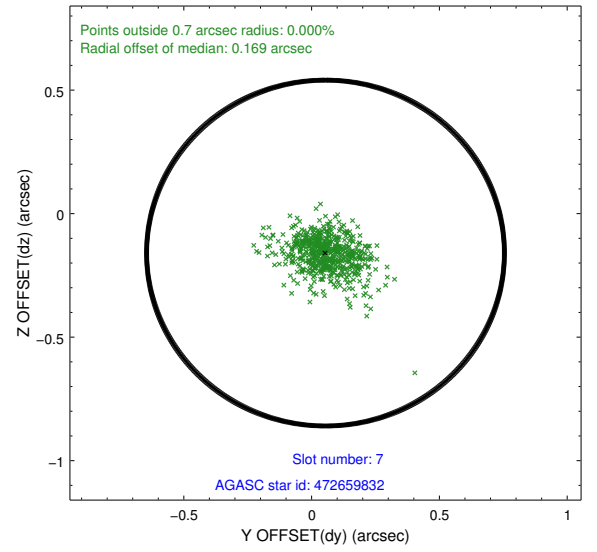
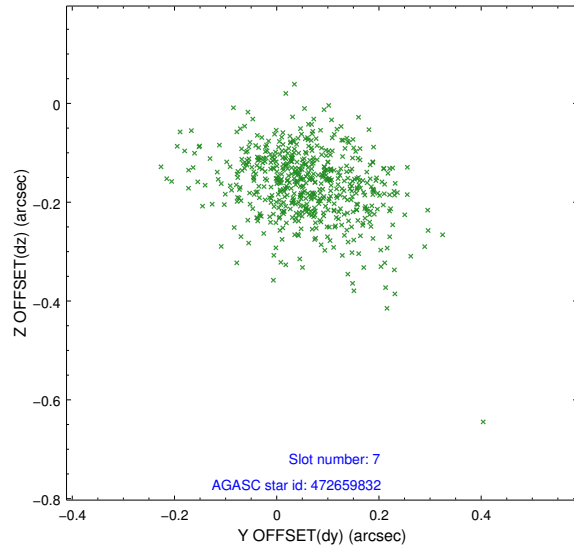
2.4.3 Slot 5



2.4.4 Slot 6

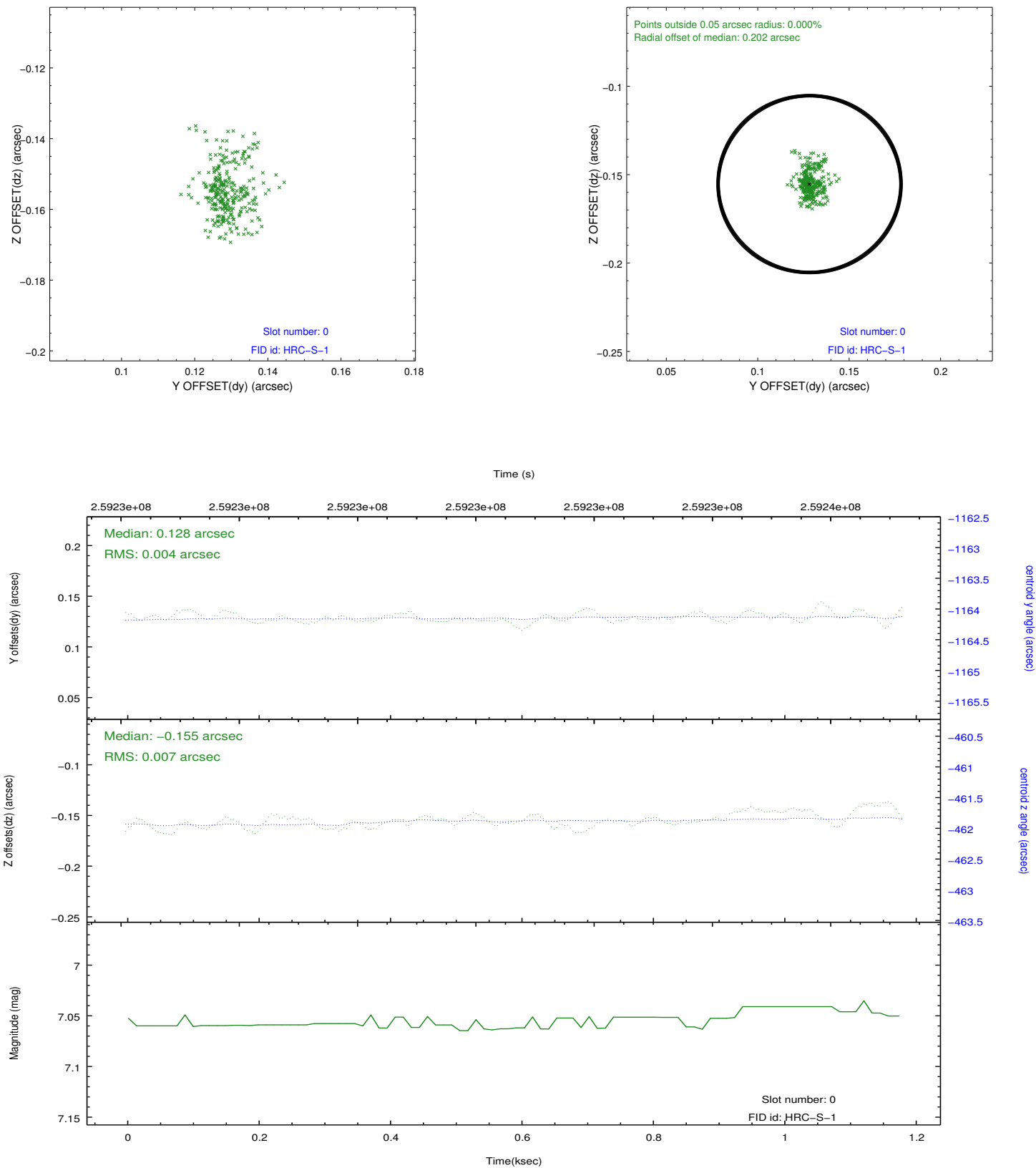


2.4.5 Slot 7

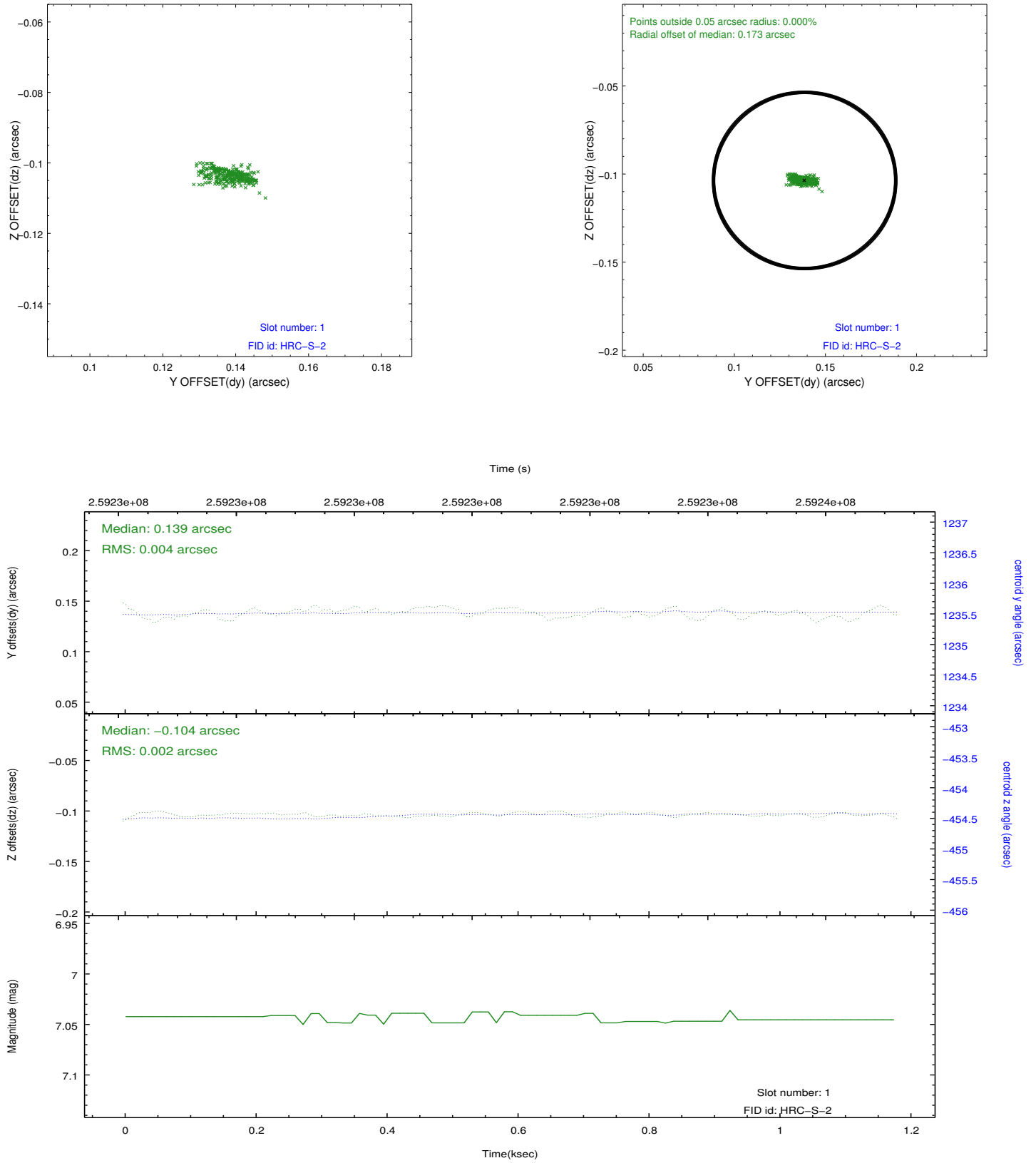


2.5 FID Slots

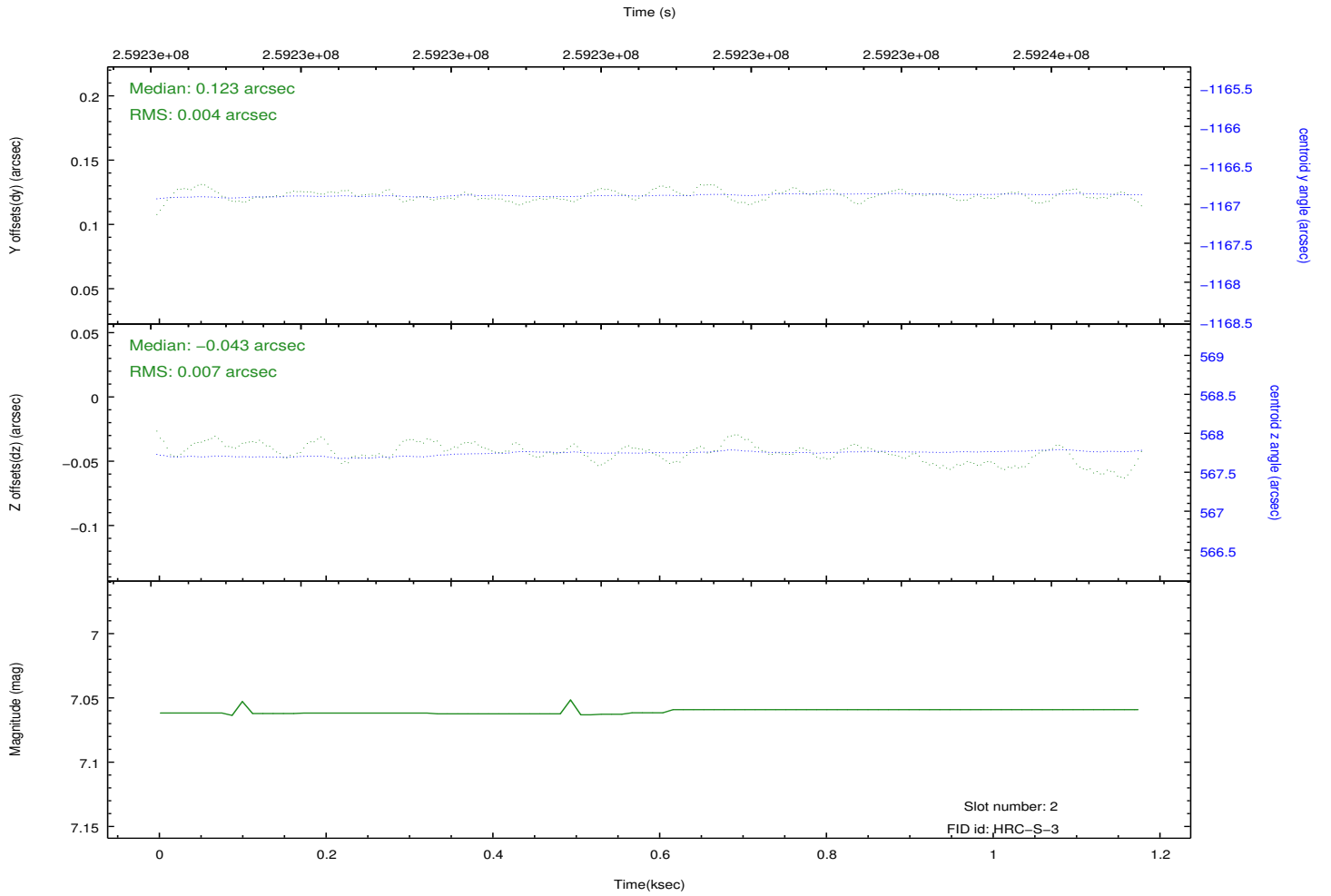
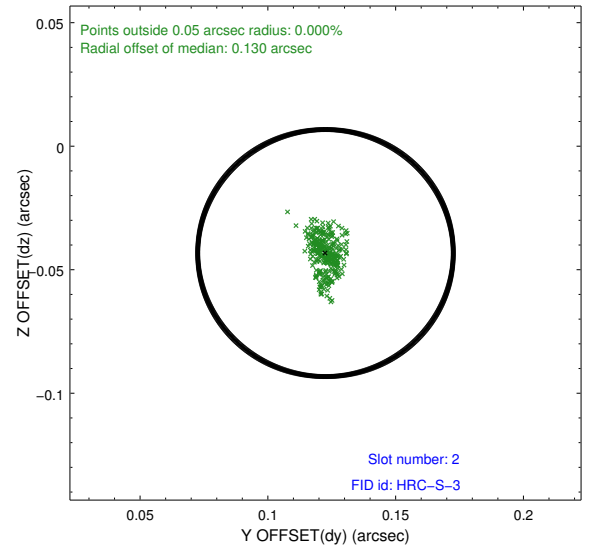
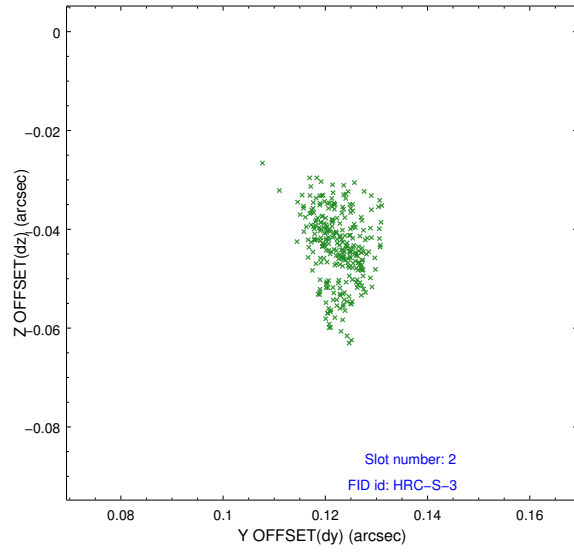
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1513313

A.2 Comments