

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6520 - L2 Version 4
Chandra X-Ray Center

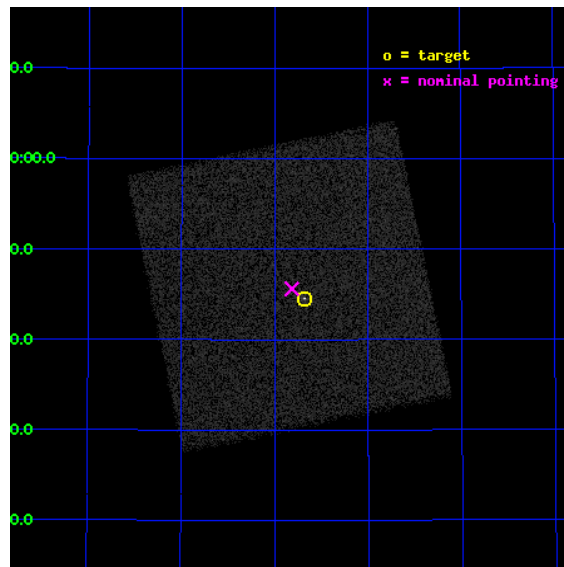
L2 Processing Date : Aug 11 2012

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1 Front

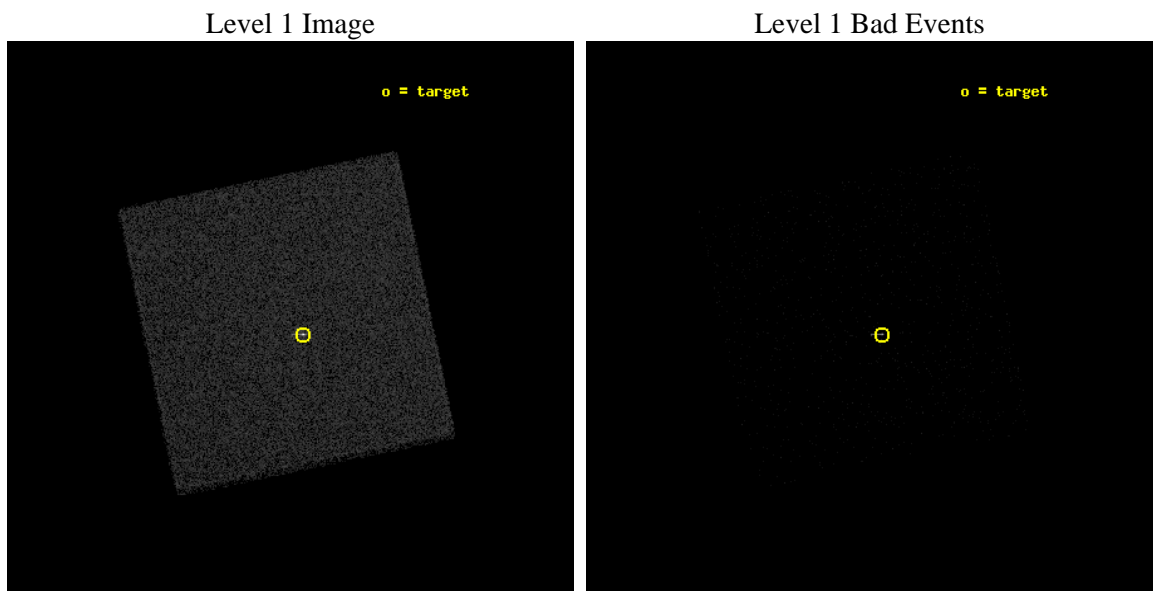
seq_num	290613	Sequence number
obs_id	6520	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2037889274	Nominal RA [deg]
dec_nom	45.76069101084	Nominal Dec [deg]
roll_nom	213.25524156032	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1184.1313056946	[s]
livetime	1173.2096007965	Ontime multiplied by DTCOR
l2events	63784	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	1184.1313056946	[s]
caldsver	4.5.1.1	 	l1events	117829	Number of level 1 events
date	2012-08-11T11:13:56	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

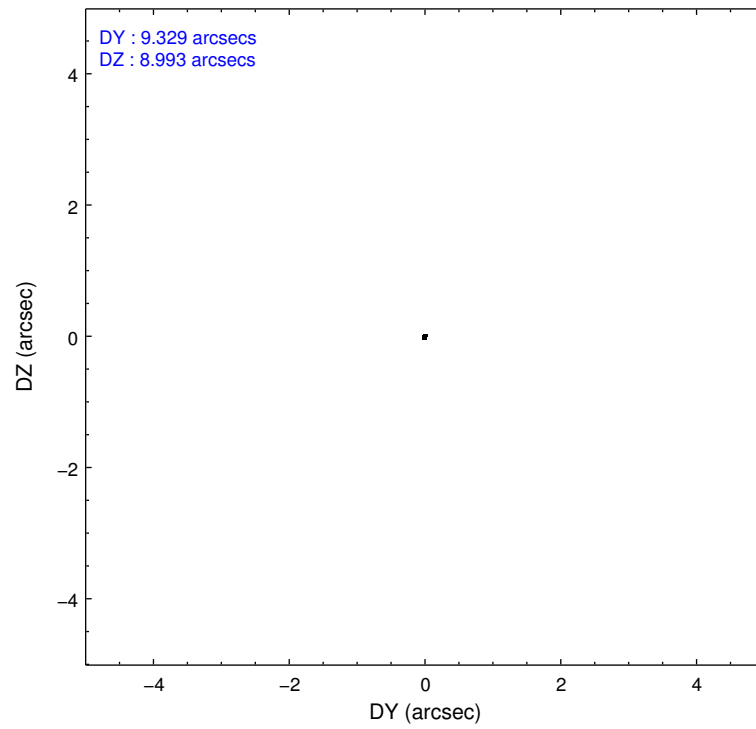
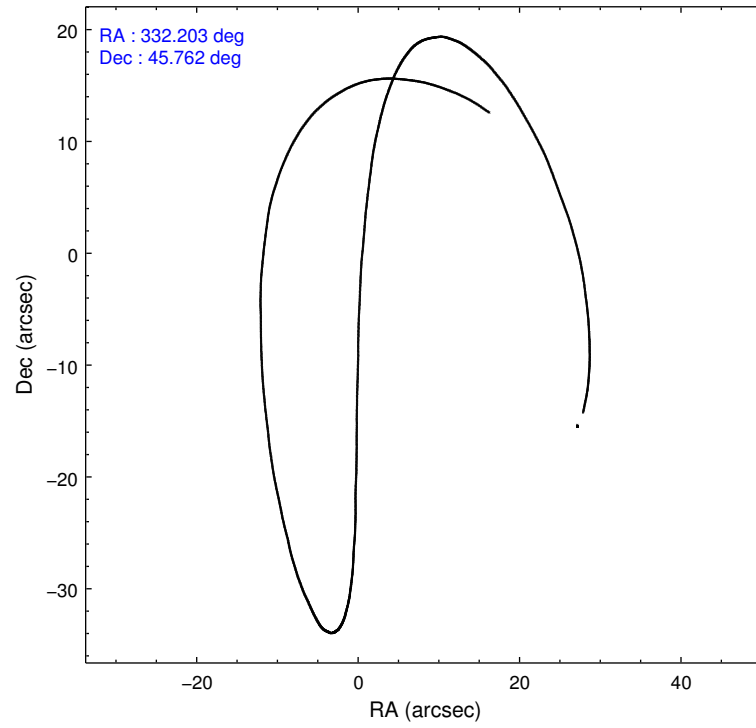
	segment 0
level 1 events	117829
rejected events	25321
rejected %	21%

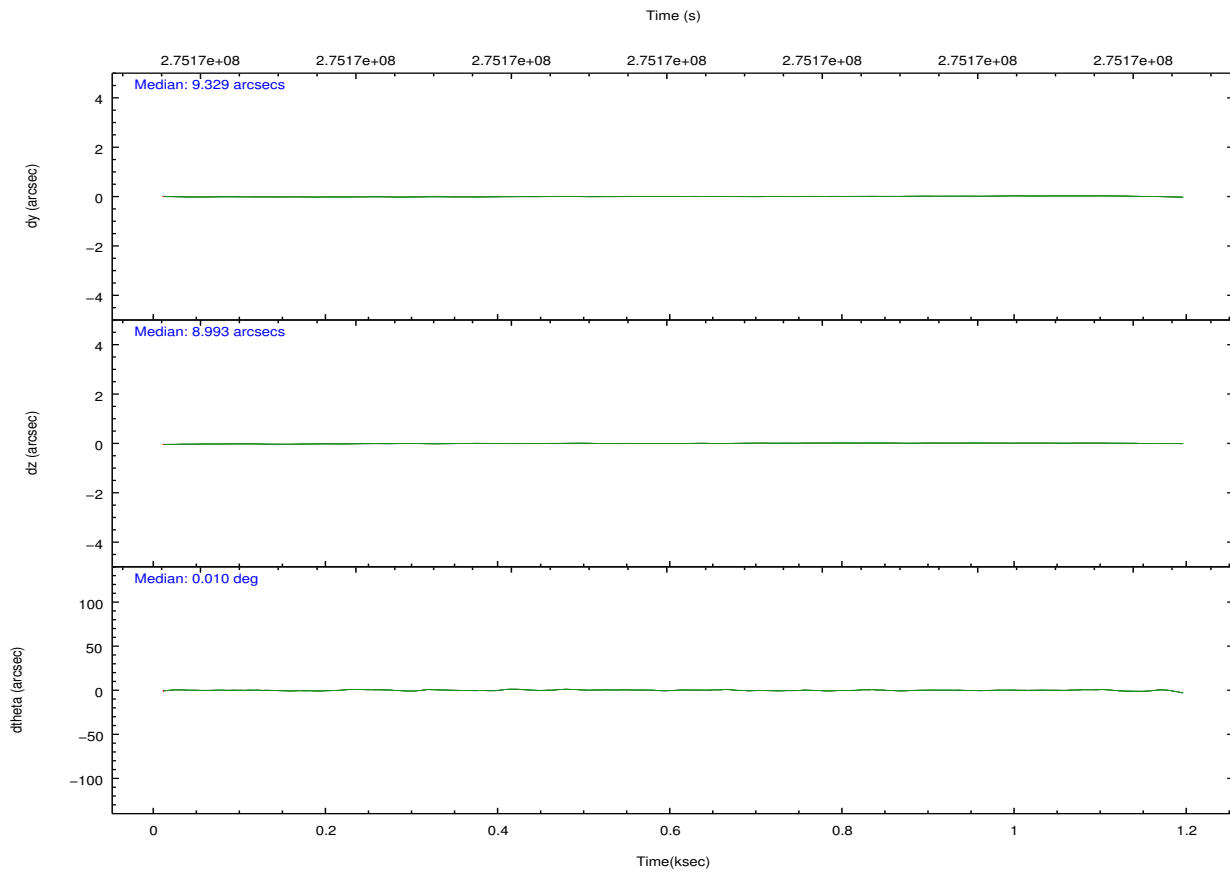
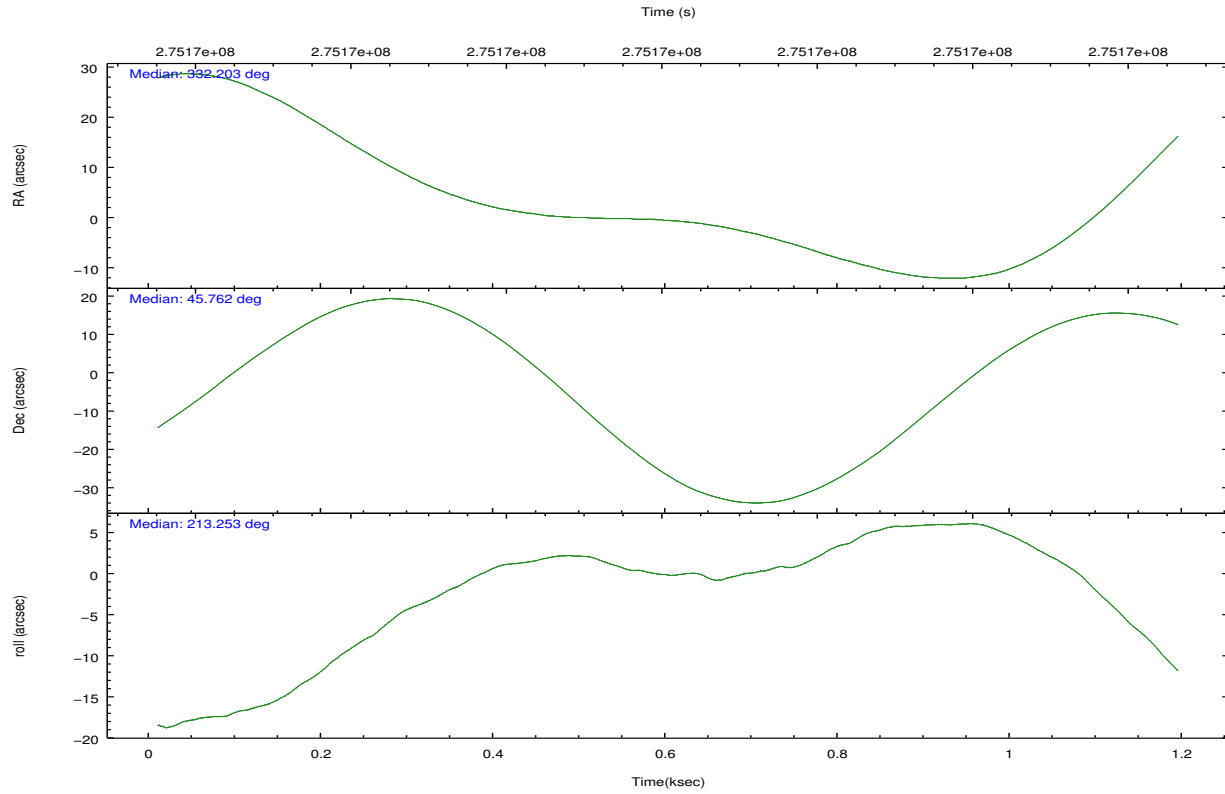
2.2 Compared Parameters

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	332.220714	332.2037889273957
[deg] Pointing Dec	45.784353	45.76069101084004
[deg] Pointing Roll	213.338590	213.2552415603245
[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)	275171812.184000	275171436.22592
Observation start date	2006-09-20T20:35:47	2006-09-20T20:30:36
[s] Observation end time (MET)	275172812.184000	275172946.05099
Observation end date	2006-09-20T20:52:27	2006-09-20T20:55:46

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

2.3 Aspect



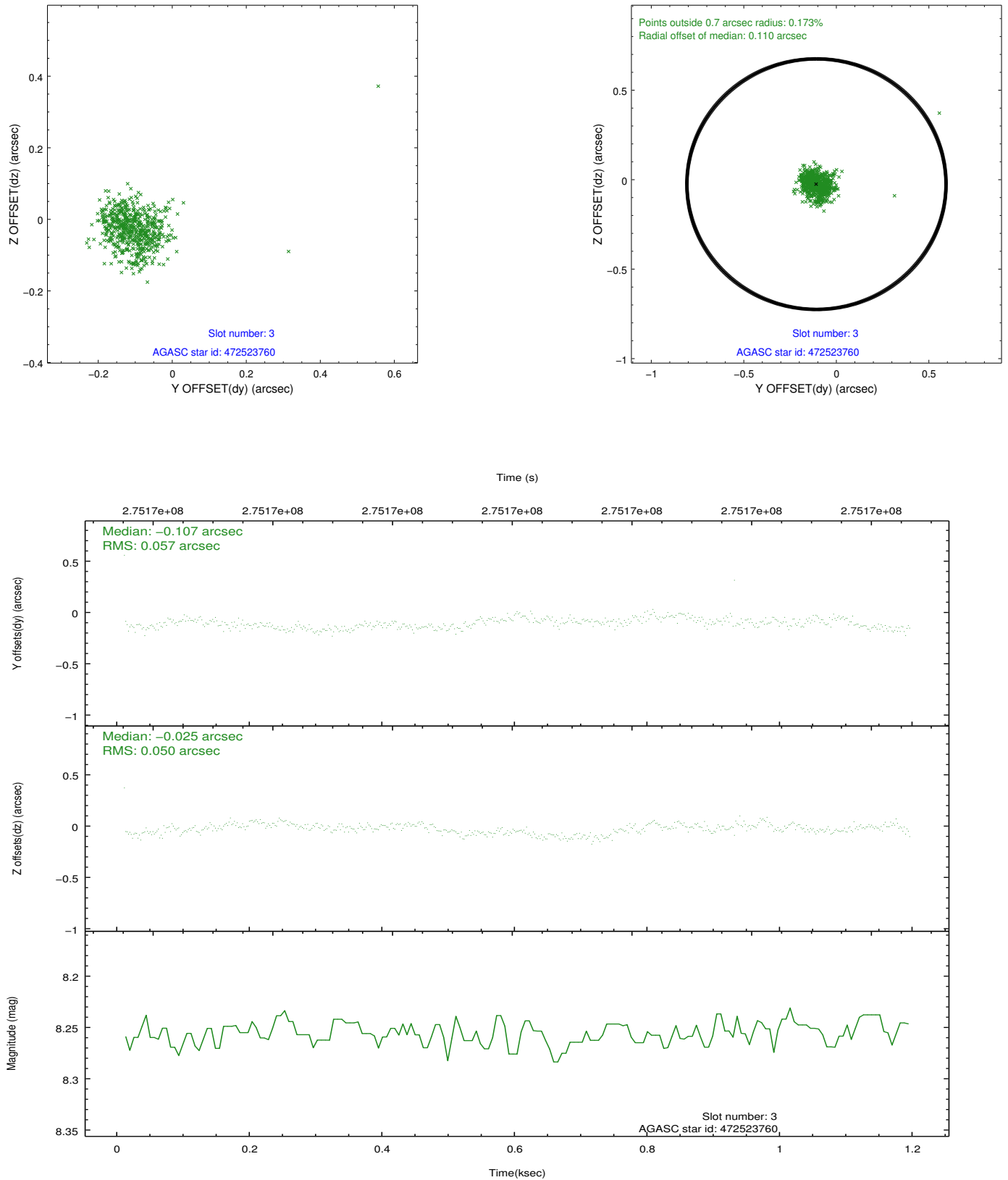


Slot Statistics

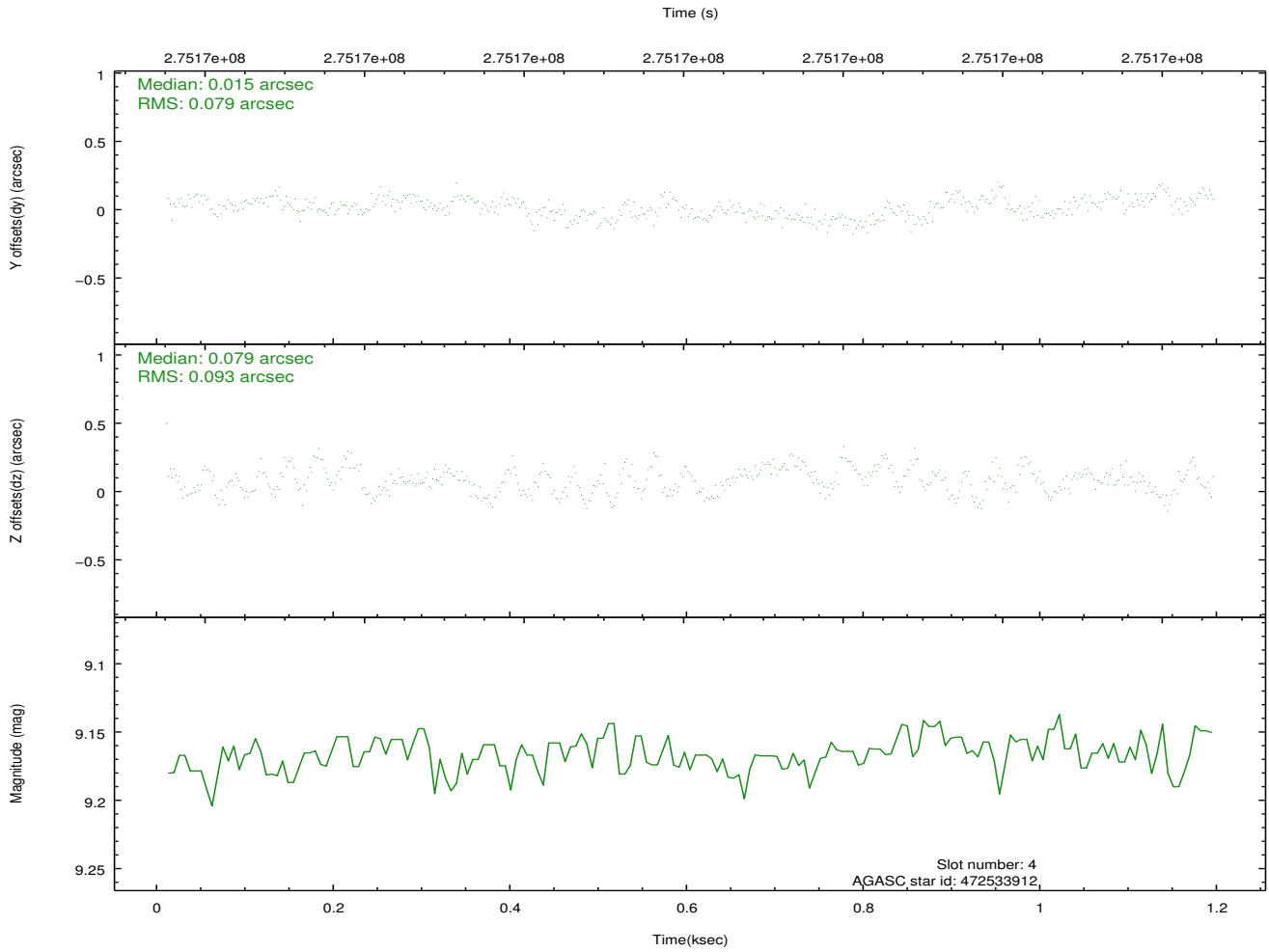
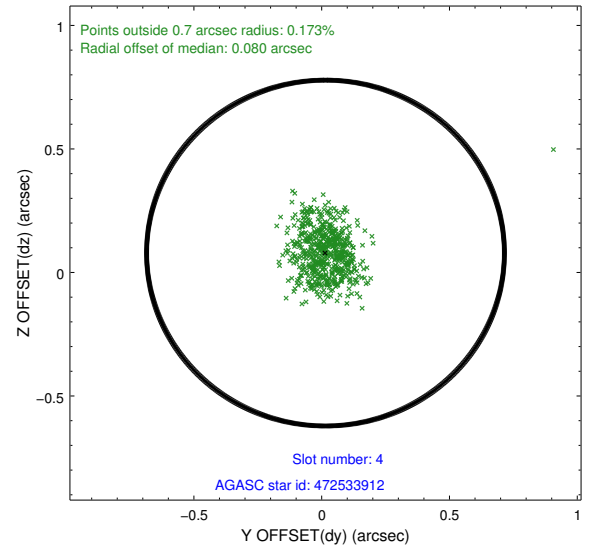
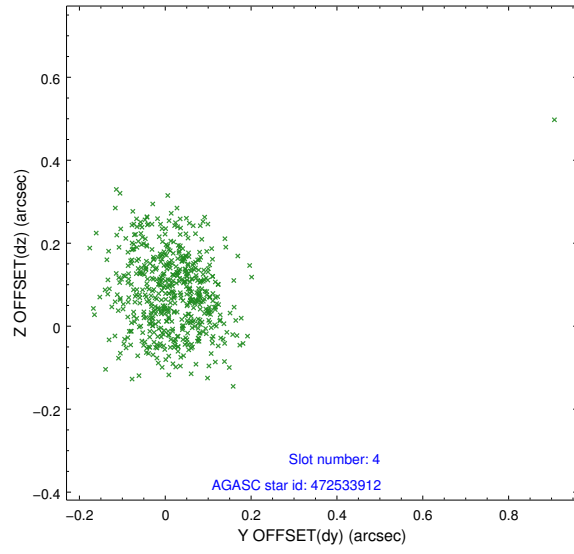
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	0.035	0.032	0.006	0.011	0.000000	0.000000	-764.98	-1296.84
1	FID	HRC-I-3	7.05	290	-0.038	-0.082	0.007	0.011	0.000000	0.000000	-1196.11	1003.15
2	FID	HRC-I-4	6.99	290	0.117	-0.039	0.005	0.009	0.000000	0.000000	1273.83	1008.65
3	GUIDE	472523760	8.26	579	-0.107	-0.025	0.073	0.112	331.645363	45.403260	1967.55	345.75
4	GUIDE	472533912	9.17	579	0.015	0.079	0.124	0.194	331.791136	46.368695	-261.17	-2342.54
5	GUIDE	472655152	9.43	579	-0.029	-0.164	0.119	0.194	332.504239	45.862991	-749.06	152.03
6	GUIDE	472665256	9.01	579	0.052	0.050	0.091	0.150	332.808125	46.195041	-2038.12	-431.87
7	GUIDE	472663080	9.41	574	0.081	0.065	0.105	0.178	332.652741	46.473840	-2262.42	-1485.04

2.4 Star Slots

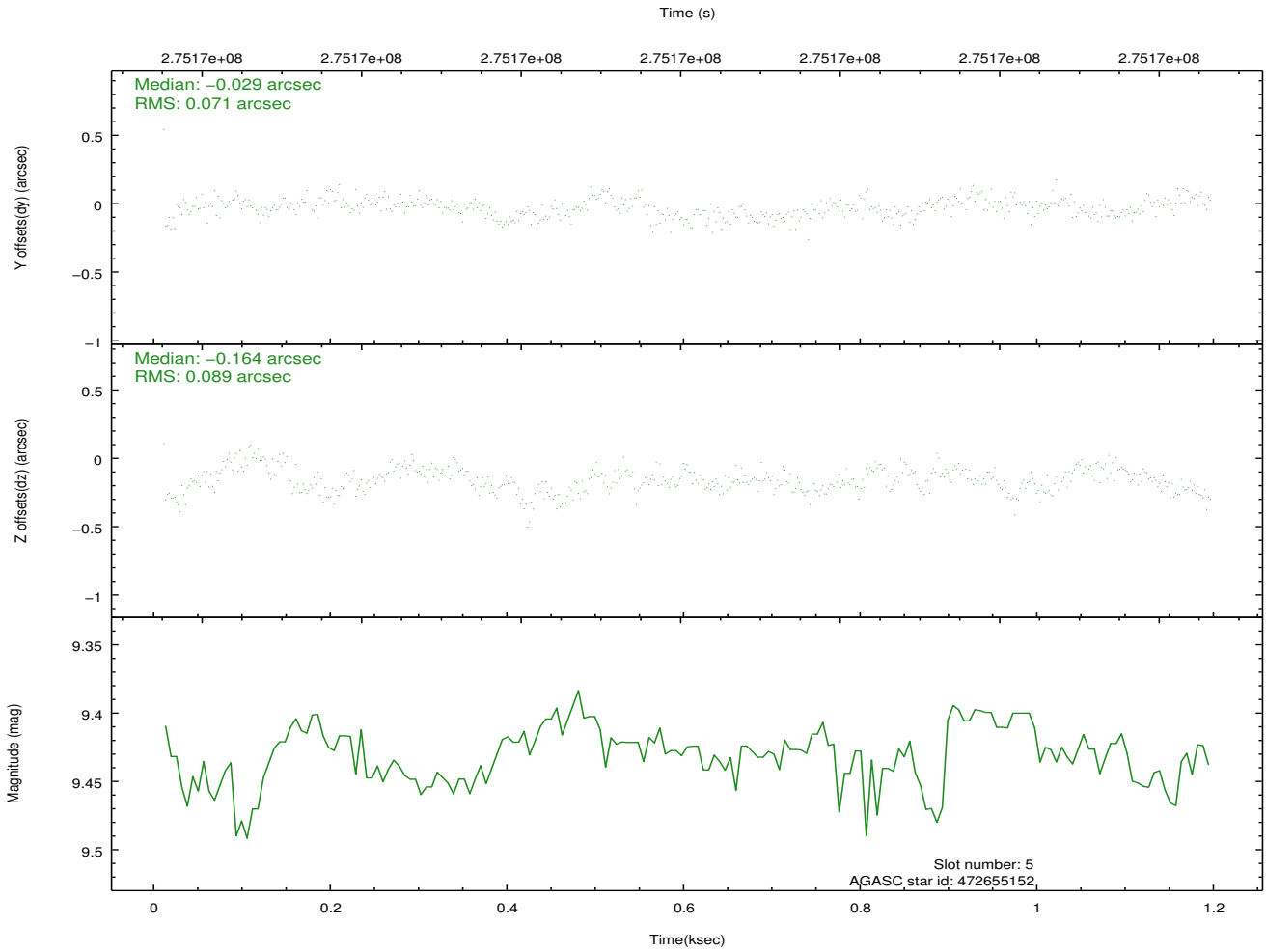
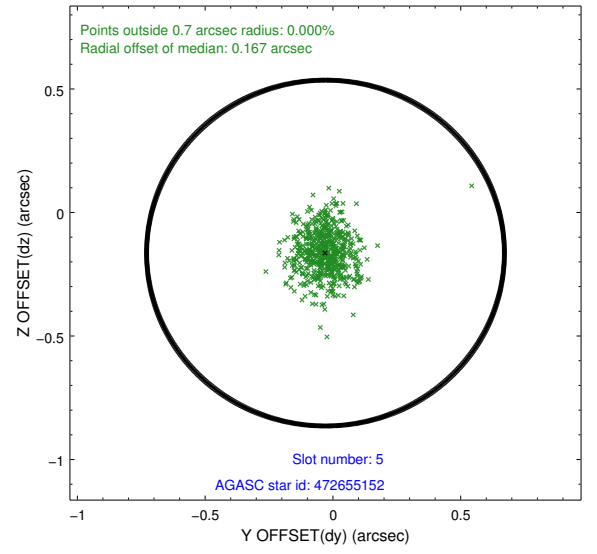
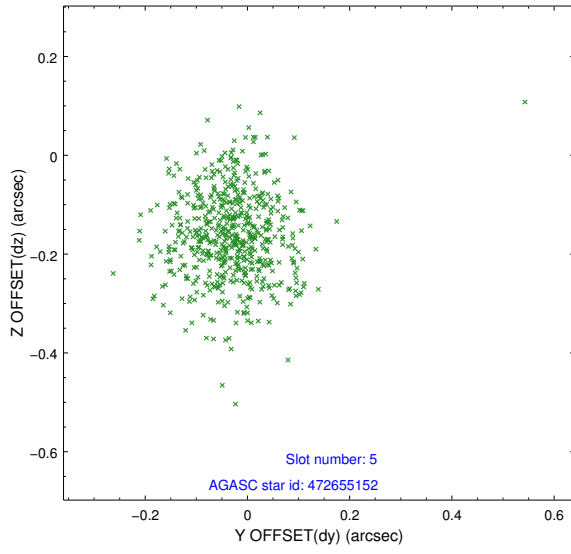
2.4.1 Slot 3



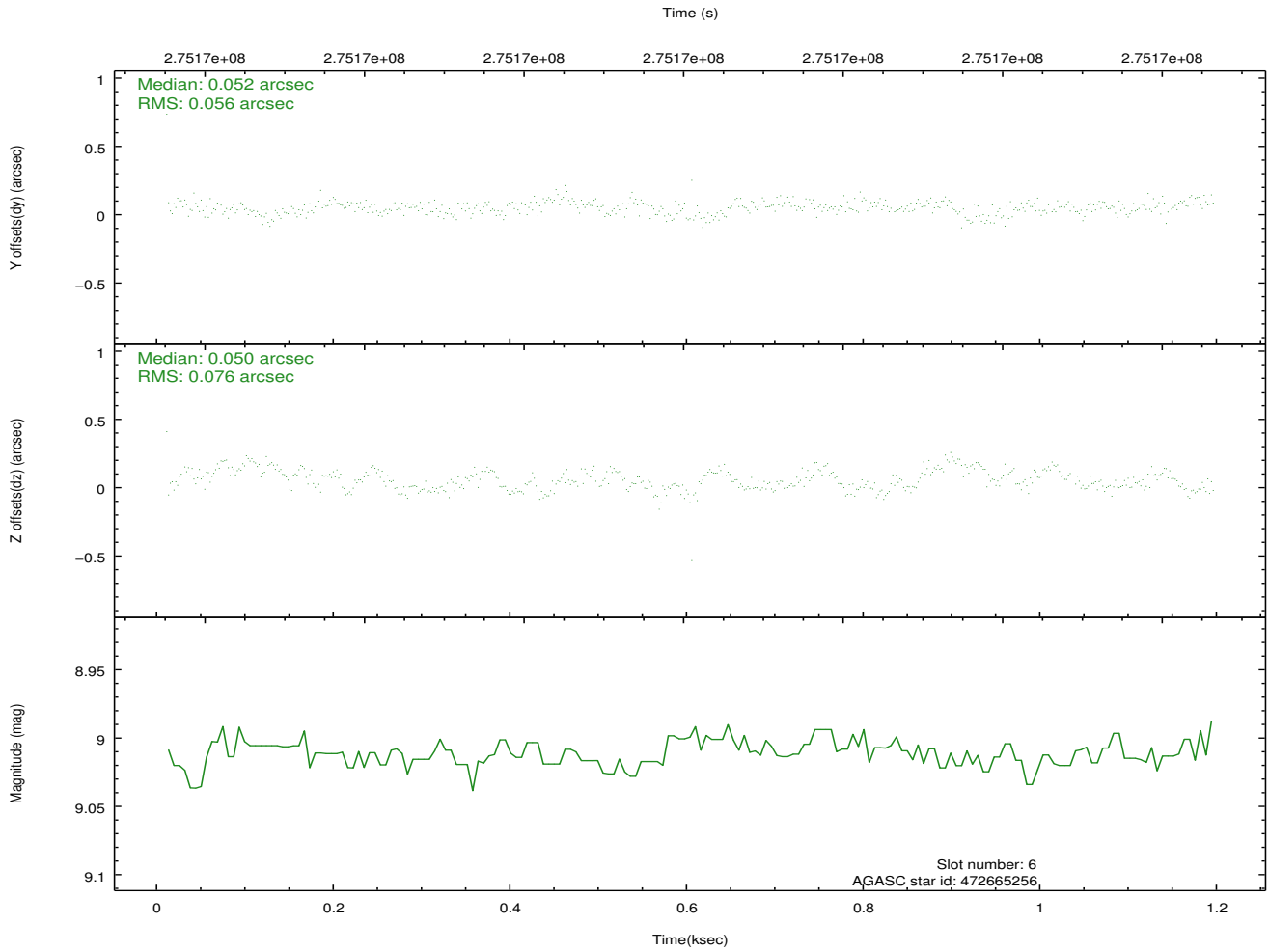
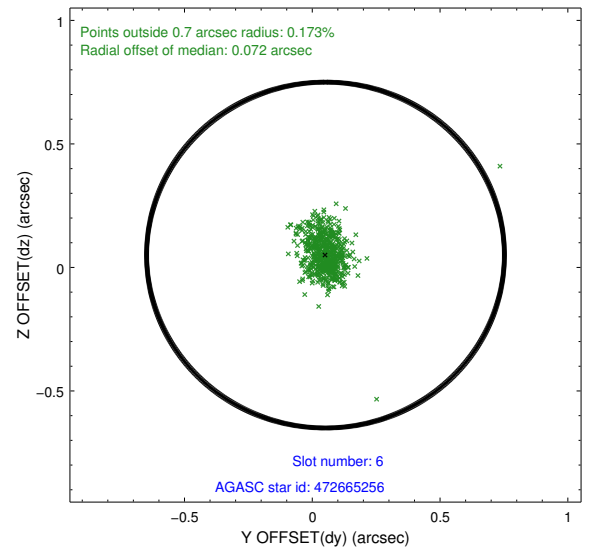
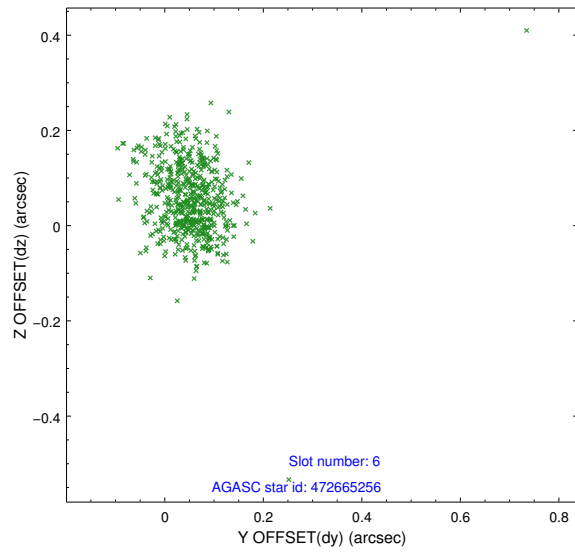
2.4.2 Slot 4



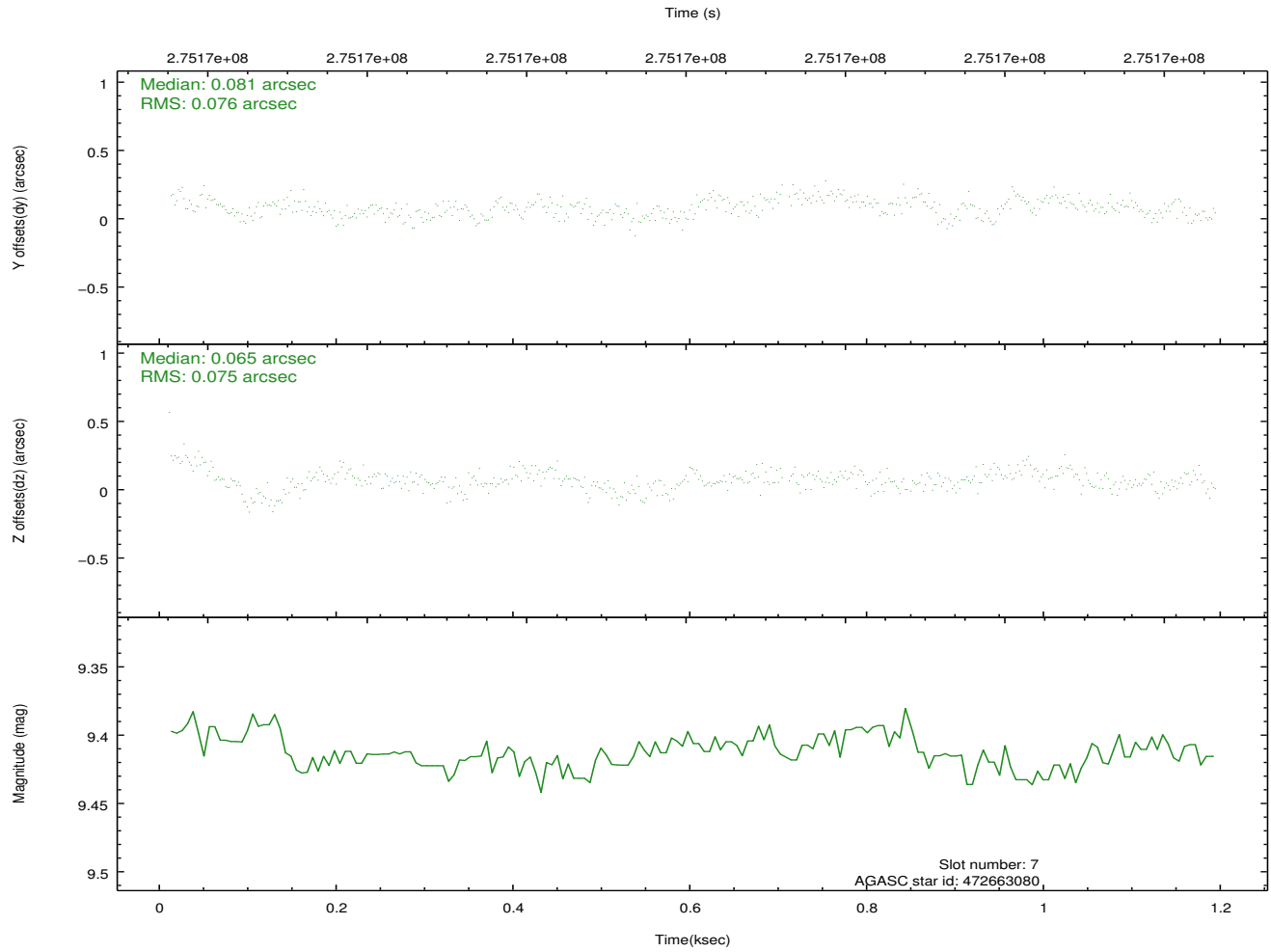
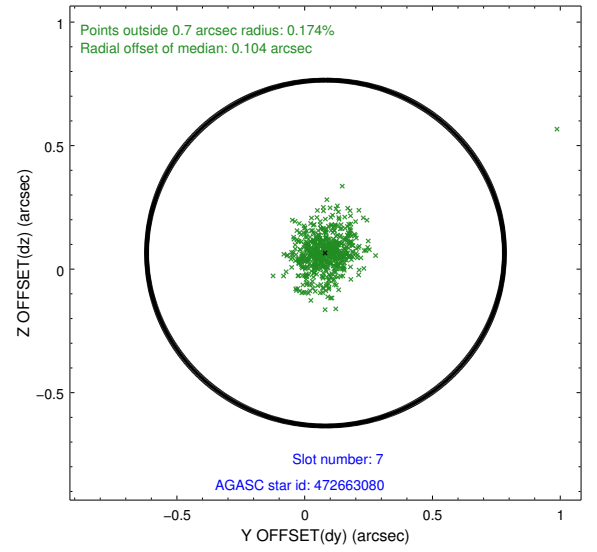
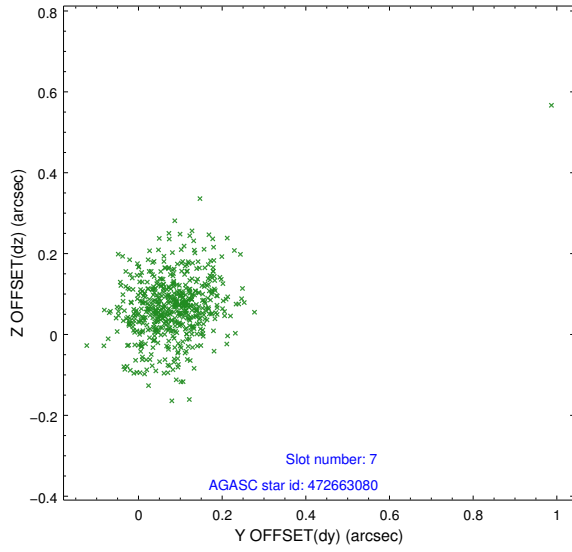
2.4.3 Slot 5



2.4.4 Slot 6

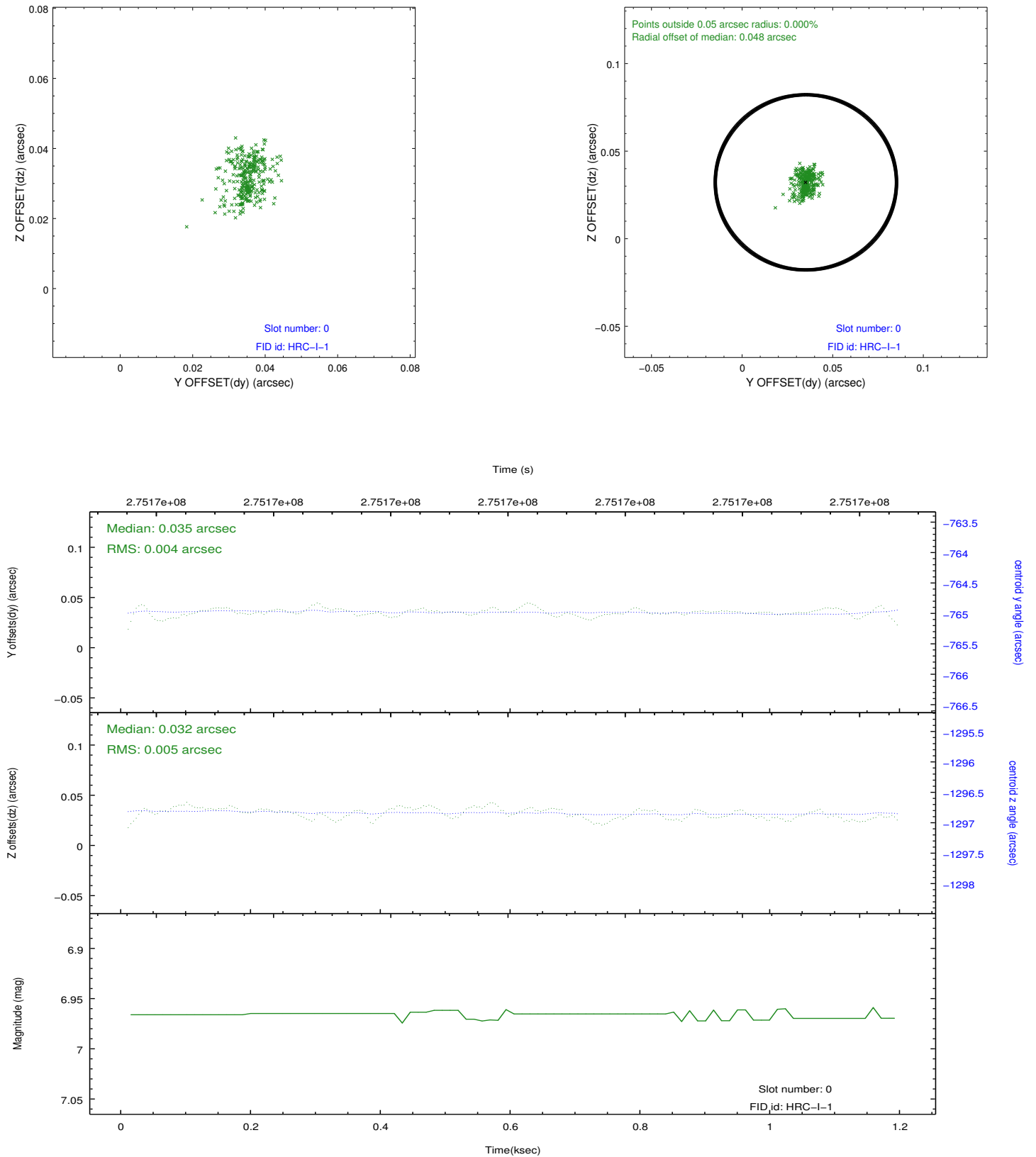


2.4.5 Slot 7

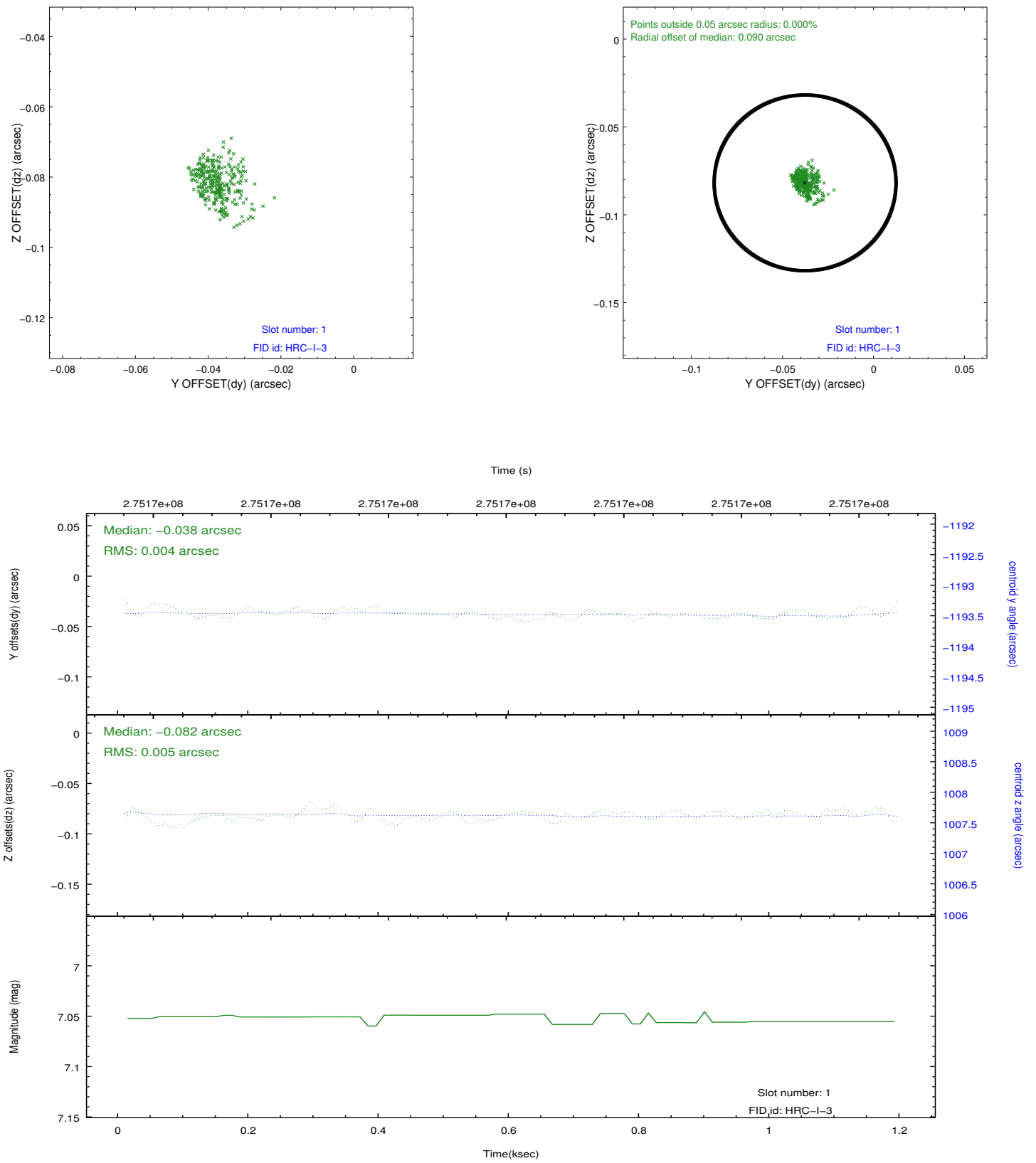


2.5 FID Slots

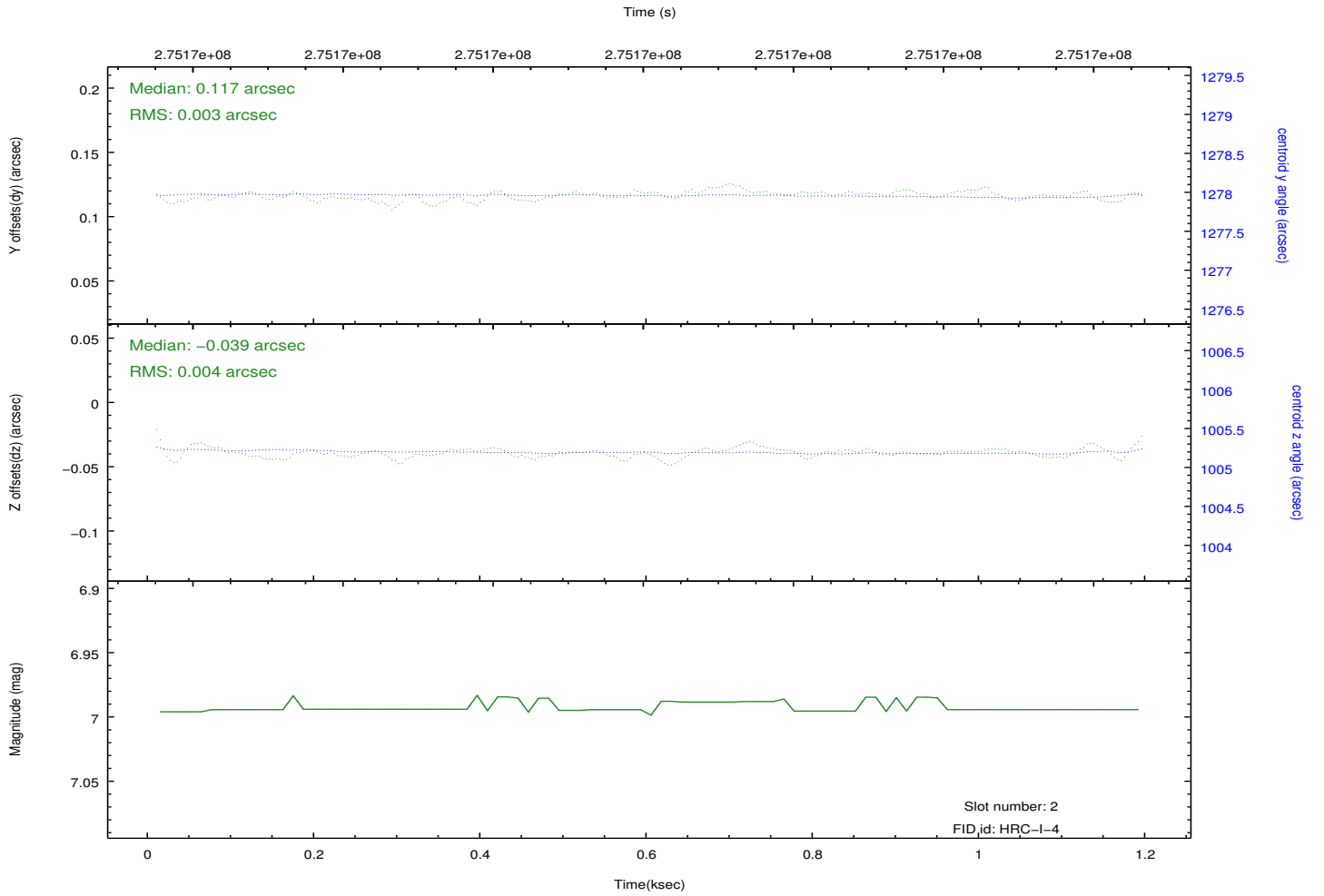
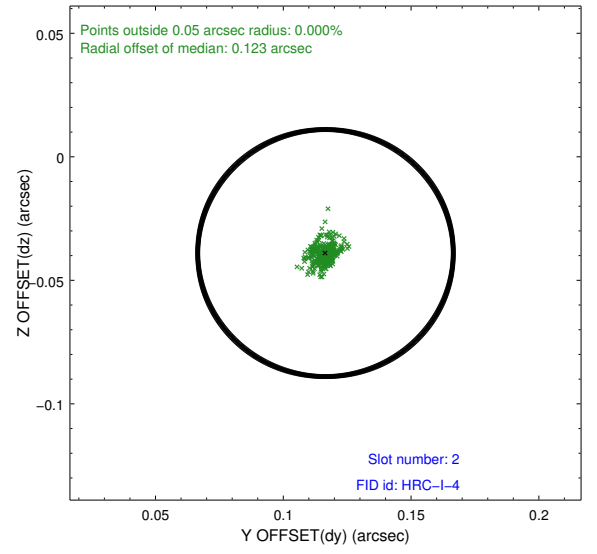
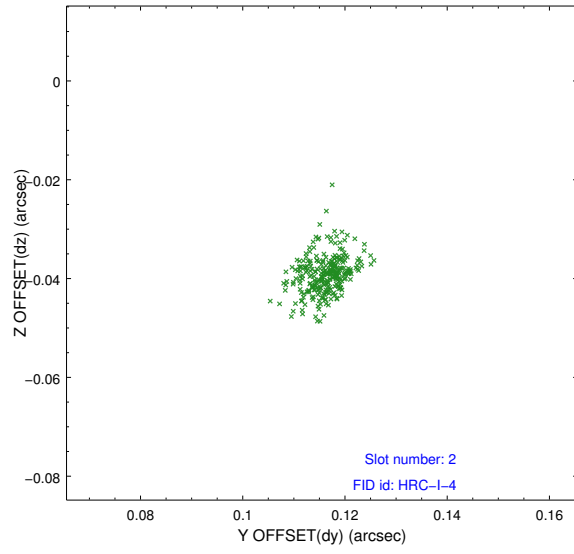
2.5.1 Slot 0



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	1.1841313

A.2 Comments