

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9645 - L2 Version 3
Chandra X-Ray Center

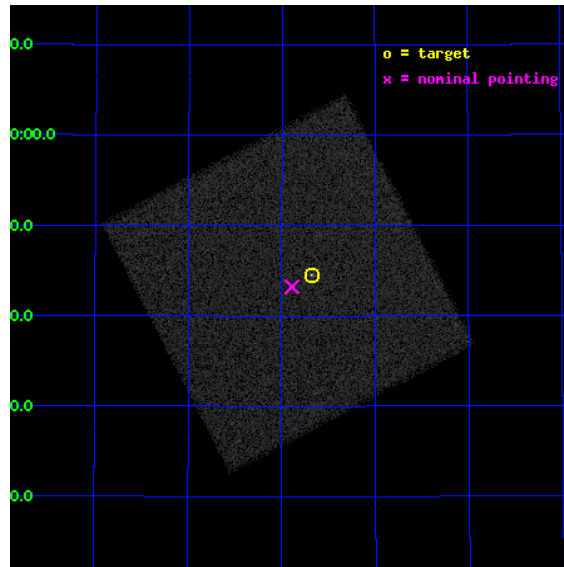
L2 Processing Date : Aug 12 2012

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1 Front

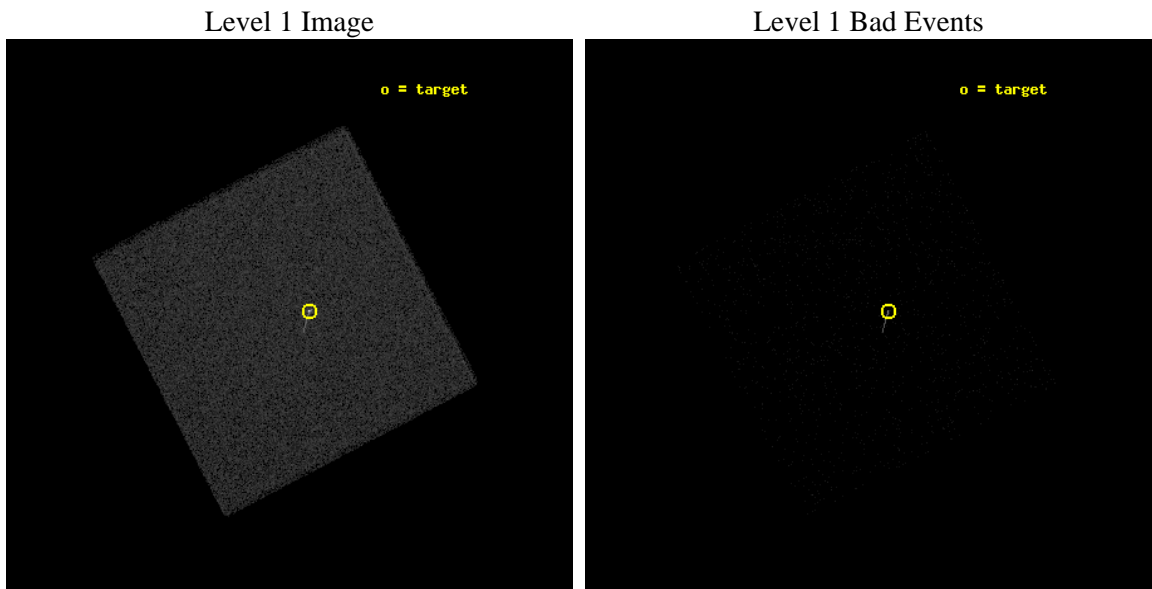
seq_num	290768	Sequence number
obs_id	9645	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.22310104932	Nominal RA [deg]
dec_nom	45.720585109418	Nominal Dec [deg]
roll_nom	197.49476157021	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1360.1750668287	[s]
livetime	1341.3009717252	Ontime multiplied by DTCOR
l2events	96929	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1360.1750668287	[s]
caldbver	4.5.1.1	 	l1events	169726	Number of level 1 events
date	2012-08-12T18:24:08	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

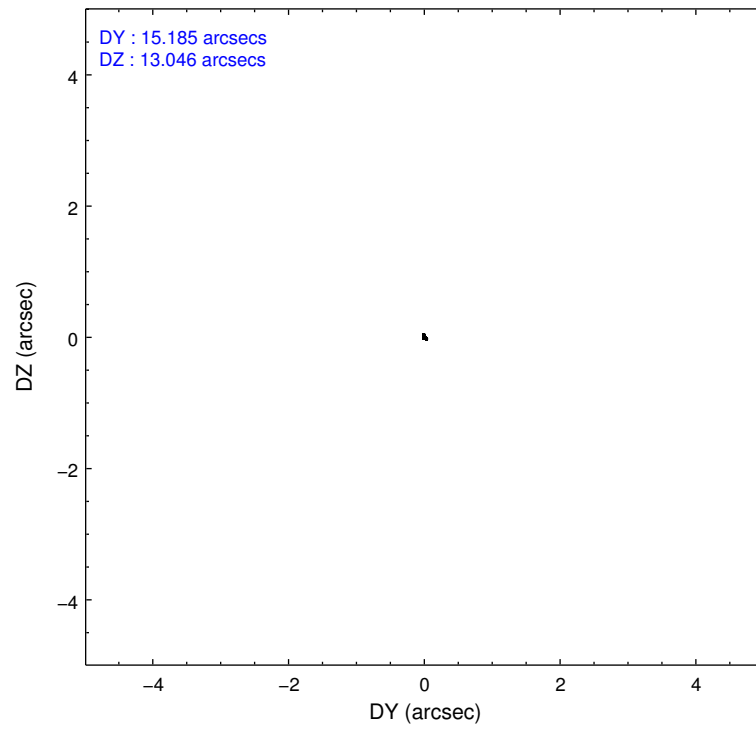
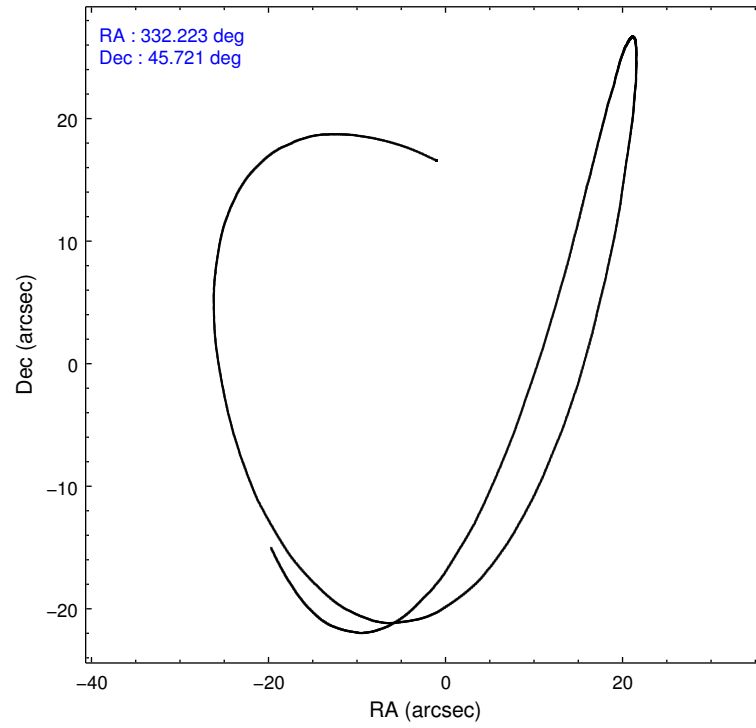
	segment 0
level 1 events	169726
rejected events	32001
rejected %	18%

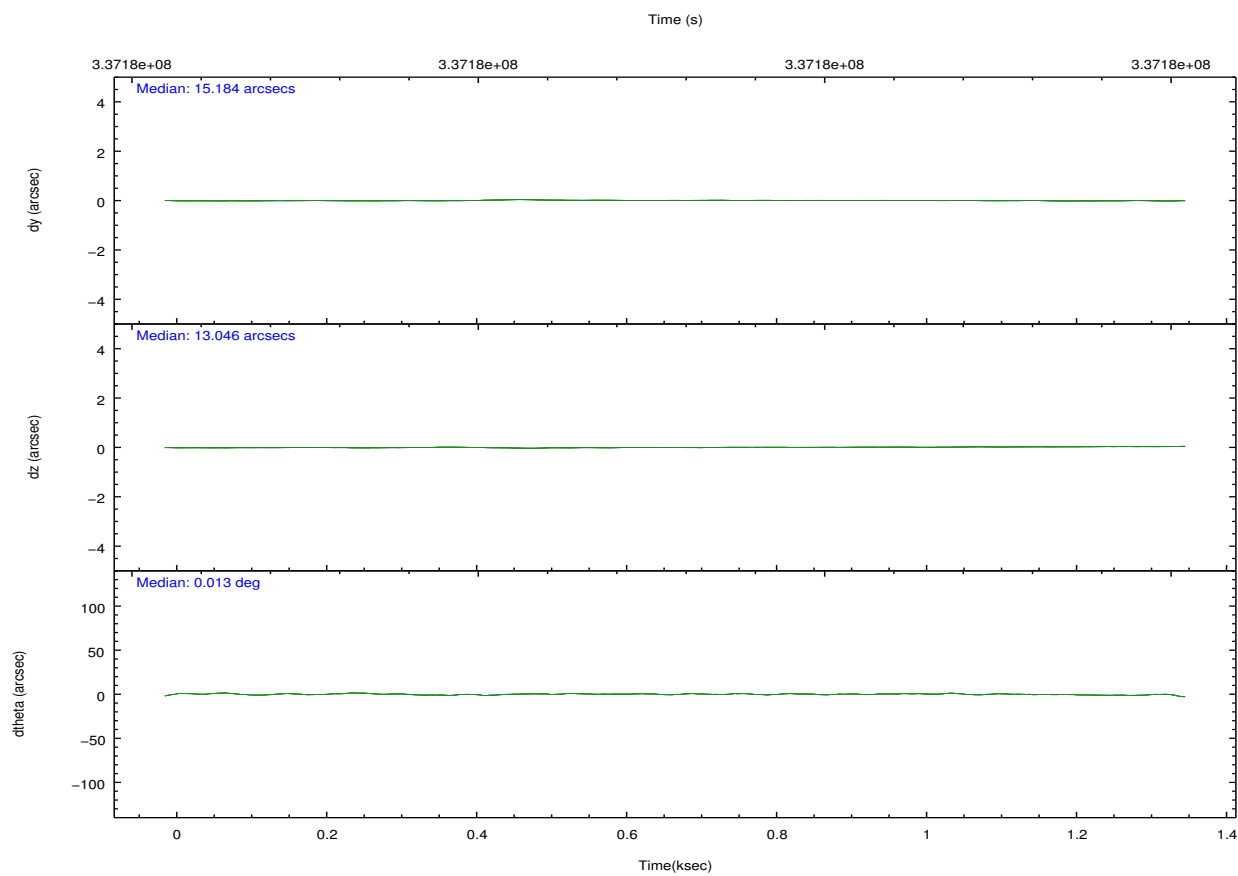
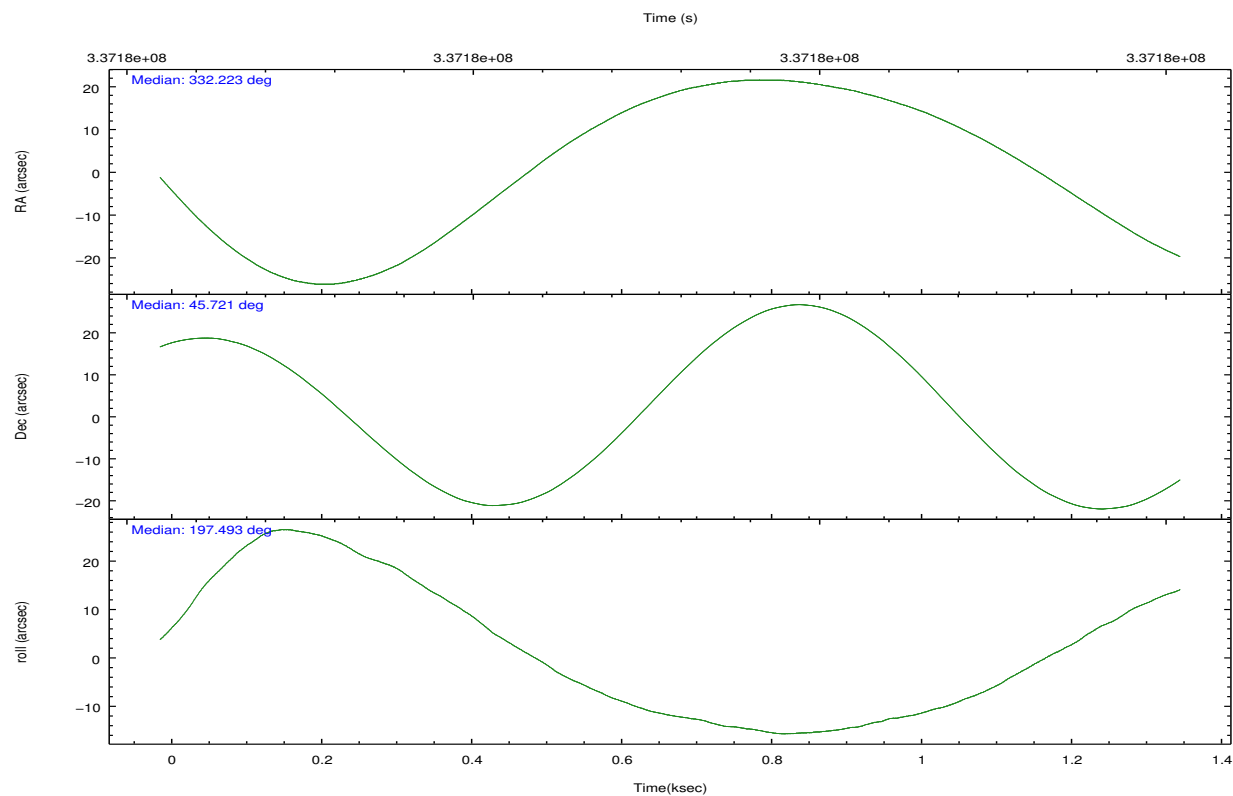
2.2 Compared Parameters

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	332.249586	332.223101049321
[deg] Pointing Dec	45.741398	45.72058510941754
[deg] Pointing Roll	197.571255	197.494761570215
[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)	337178277.184000	337177901.2181
Observation start date	2008-09-07T12:36:52	2008-09-07T12:31:41
[s] Observation end time (MET)	337179457.184000	337179590.93068
Observation end date	2008-09-07T12:56:32	2008-09-07T12:59:50

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

2.3 Aspect



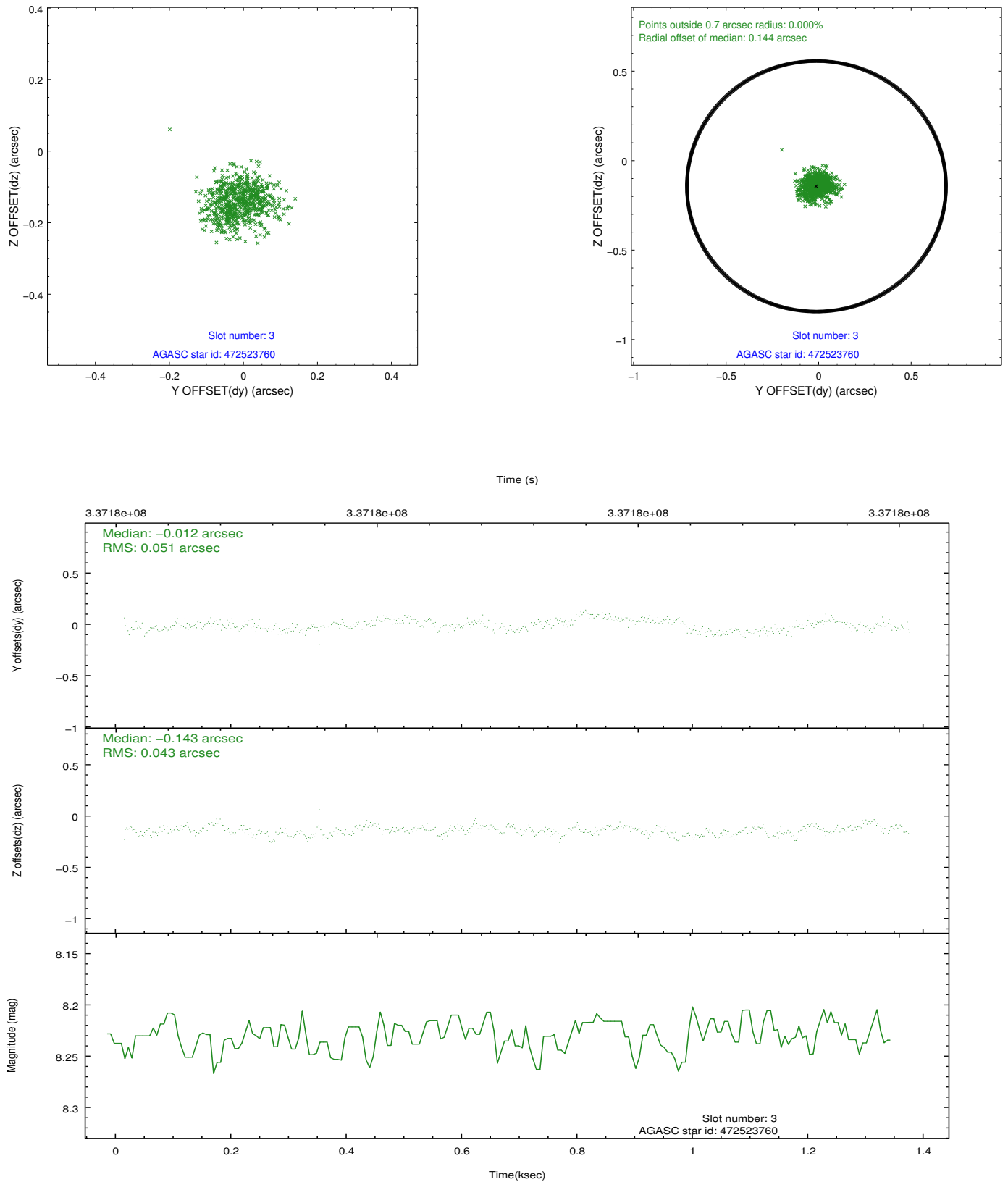


Slot Statistics

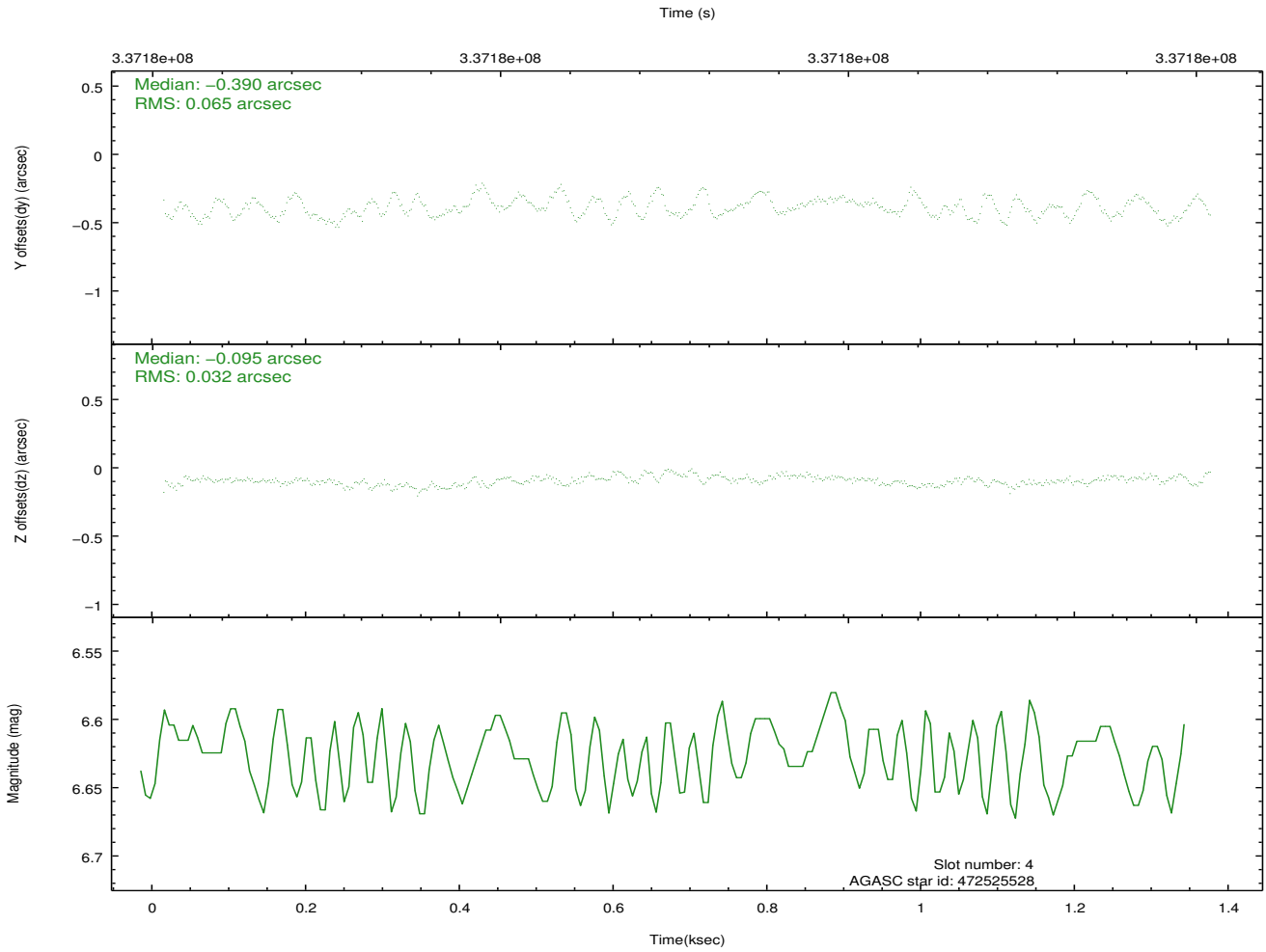
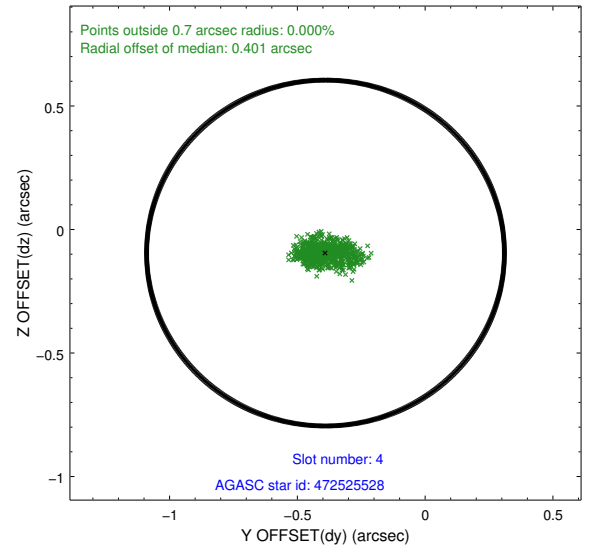
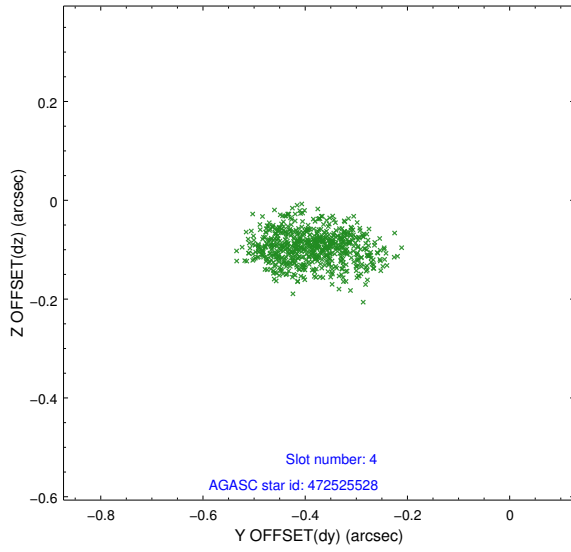
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	332	-0.105	-0.014	0.007	0.011	0.000000	0.000000	-771.20	-1301.03
1	FID	HRC-I-2	7.03	332	0.188	-0.095	0.007	0.015	0.000000	0.000000	839.40	-1306.72
2	FID	HRC-I-4	7.02	332	0.033	0.017	0.006	0.011	0.000000	0.000000	1274.43	997.08
3	GUIDE	472523760	8.23	665	-0.012	-0.143	0.071	0.111	331.645363	45.403260	1819.77	693.57
4	GUIDE	472525528	6.63	665	-0.390	-0.095	0.078	0.125	331.551102	45.248694	2221.17	1149.90
5	GUIDE	472655152	9.43	665	0.142	0.020	0.124	0.208	332.504239	45.862991	-739.65	-224.06
6	GUIDE	472663080	9.40	665	0.090	0.190	0.116	0.181	332.652741	46.473840	-1752.76	-2215.01
7	GUIDE	472665256	9.02	664	0.152	0.019	0.088	0.138	332.808125	46.195041	-1825.88	-1145.09

2.4 Star Slots

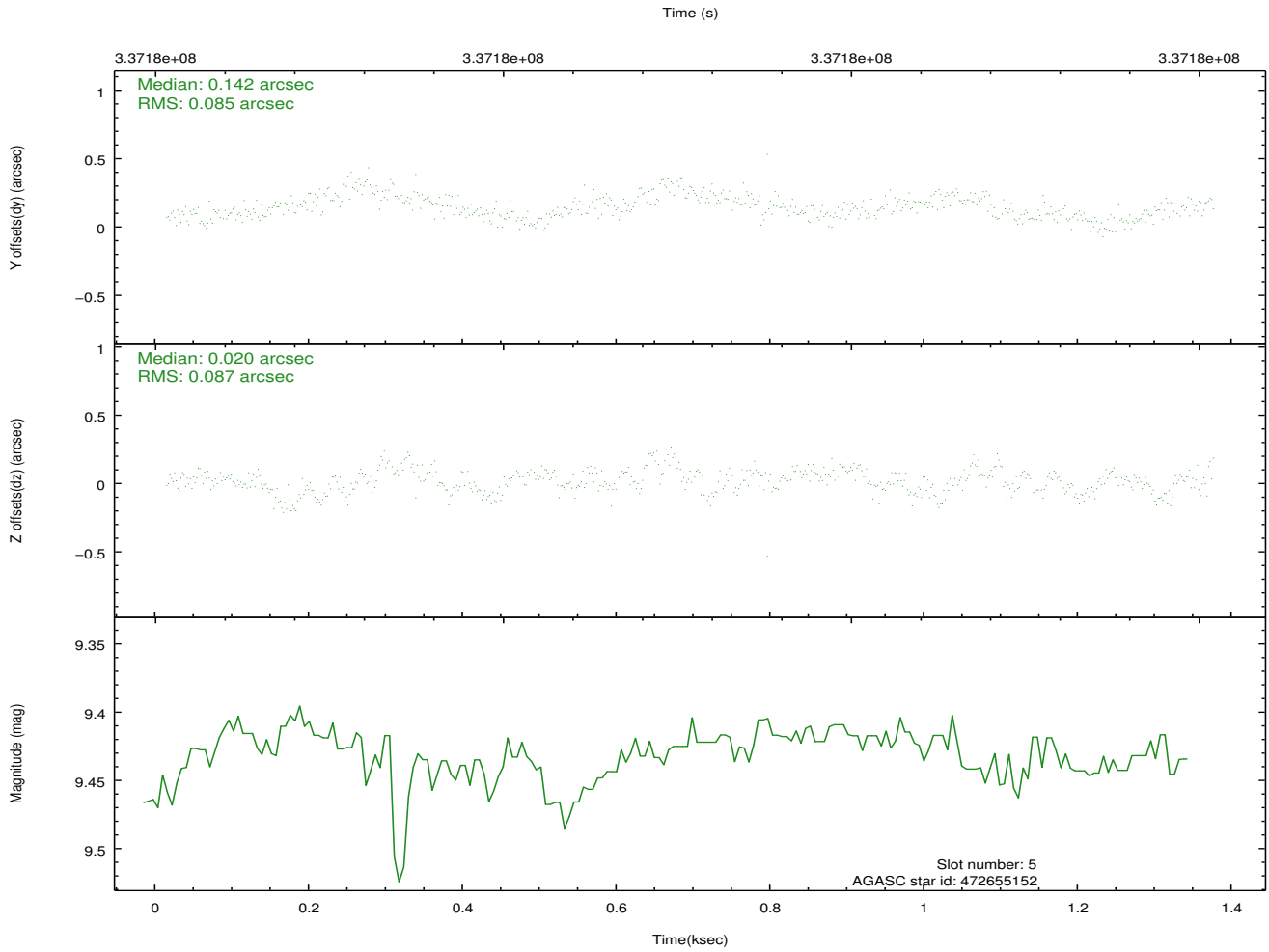
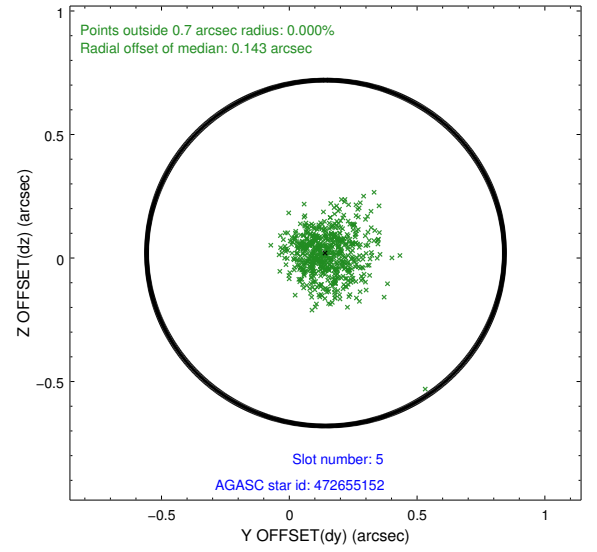
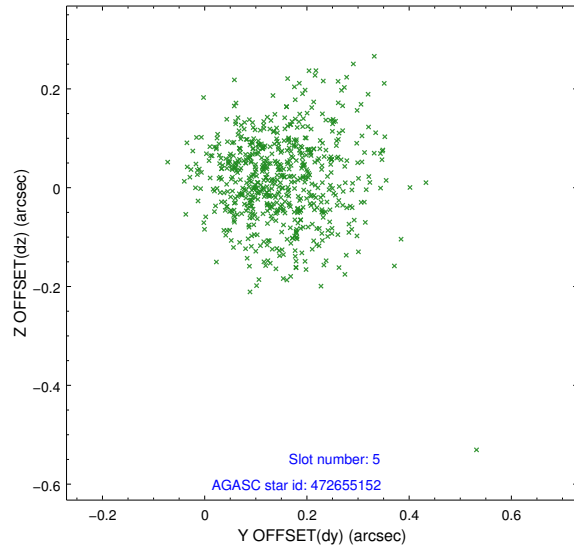
2.4.1 Slot 3



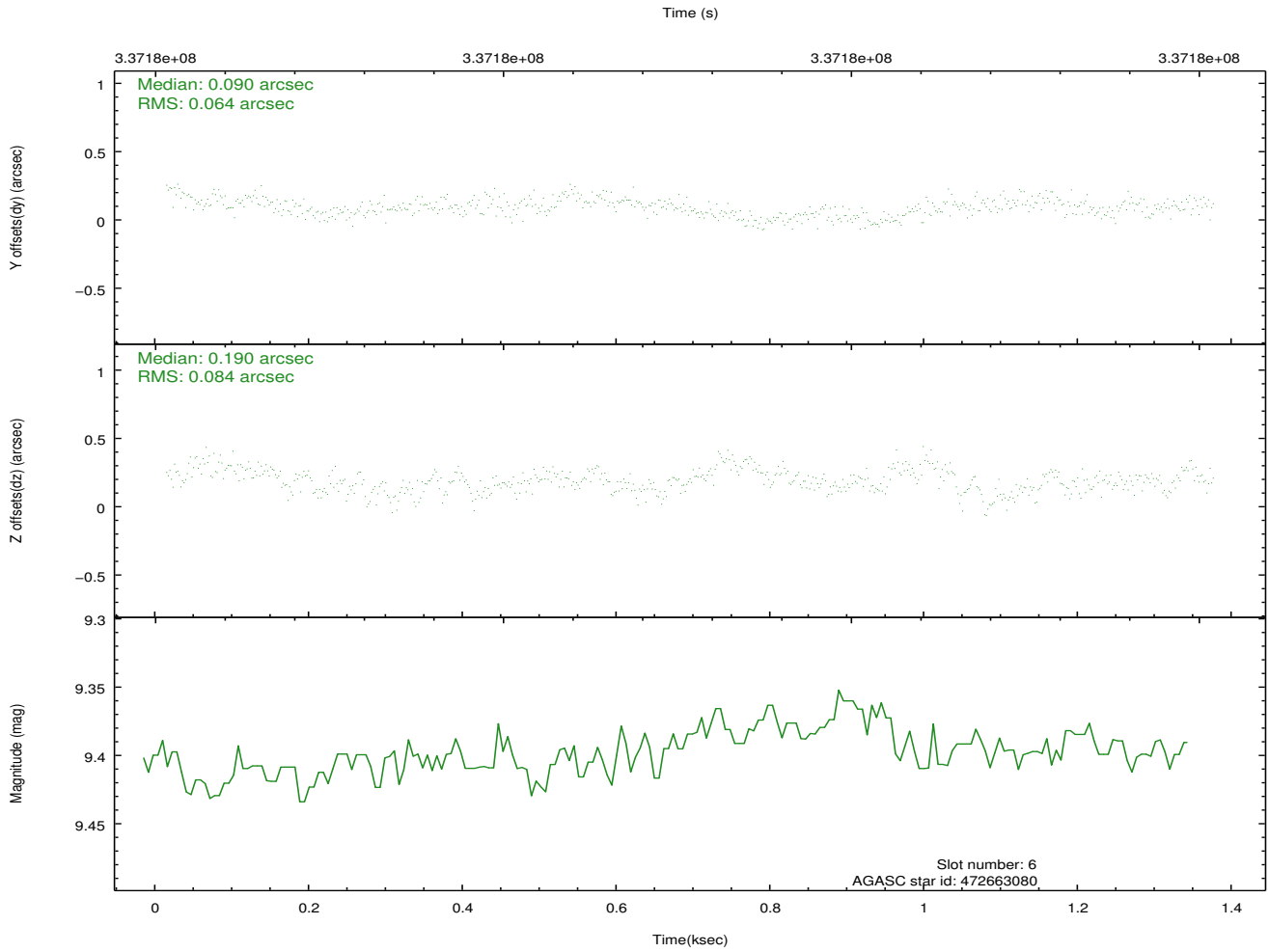
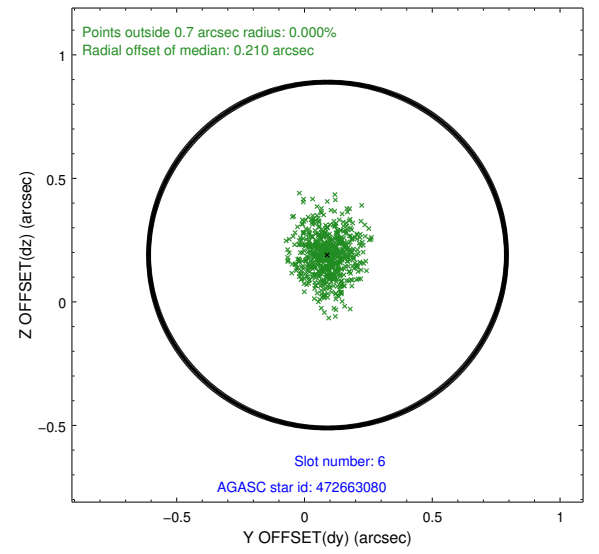
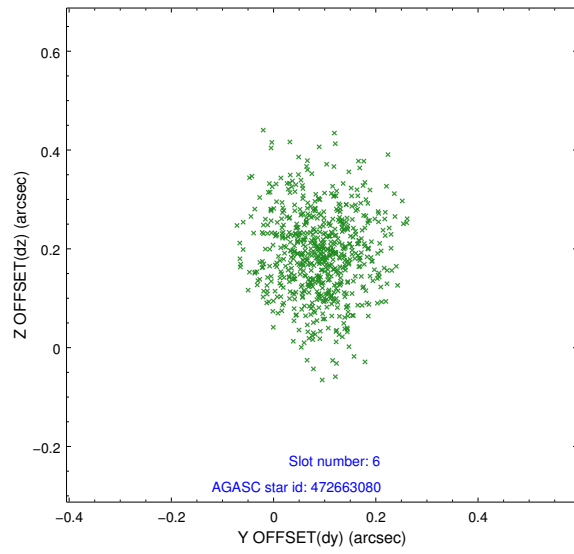
2.4.2 Slot 4



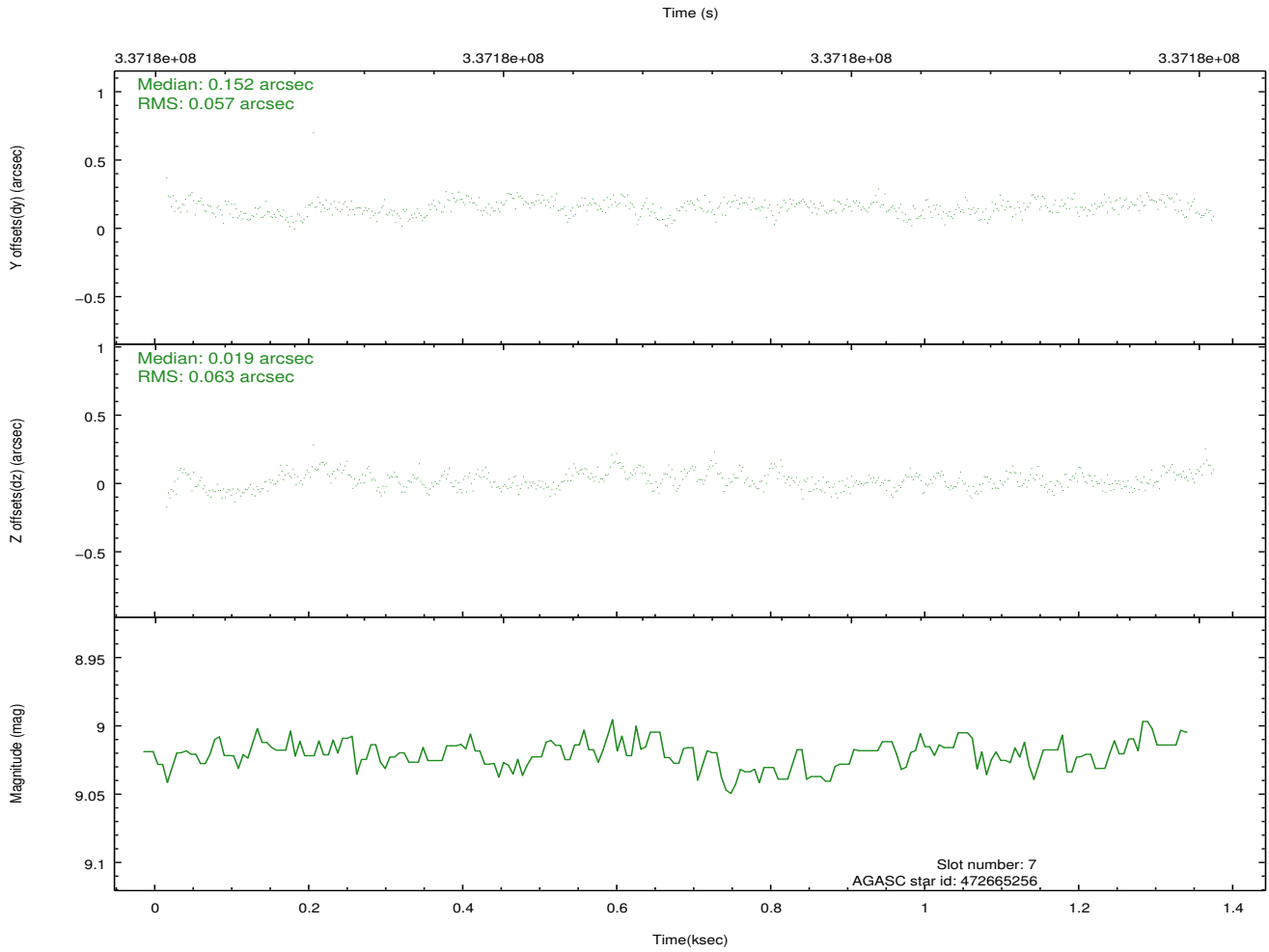
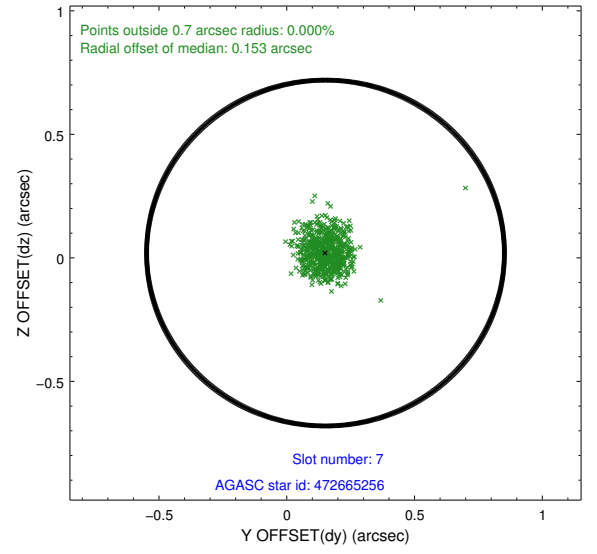
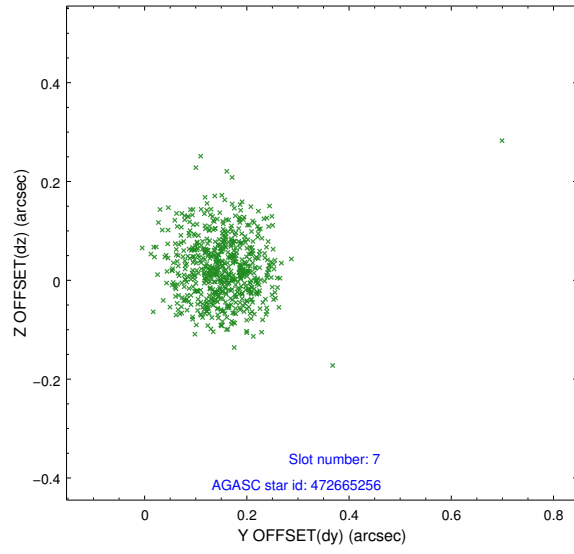
2.4.3 Slot 5



2.4.4 Slot 6

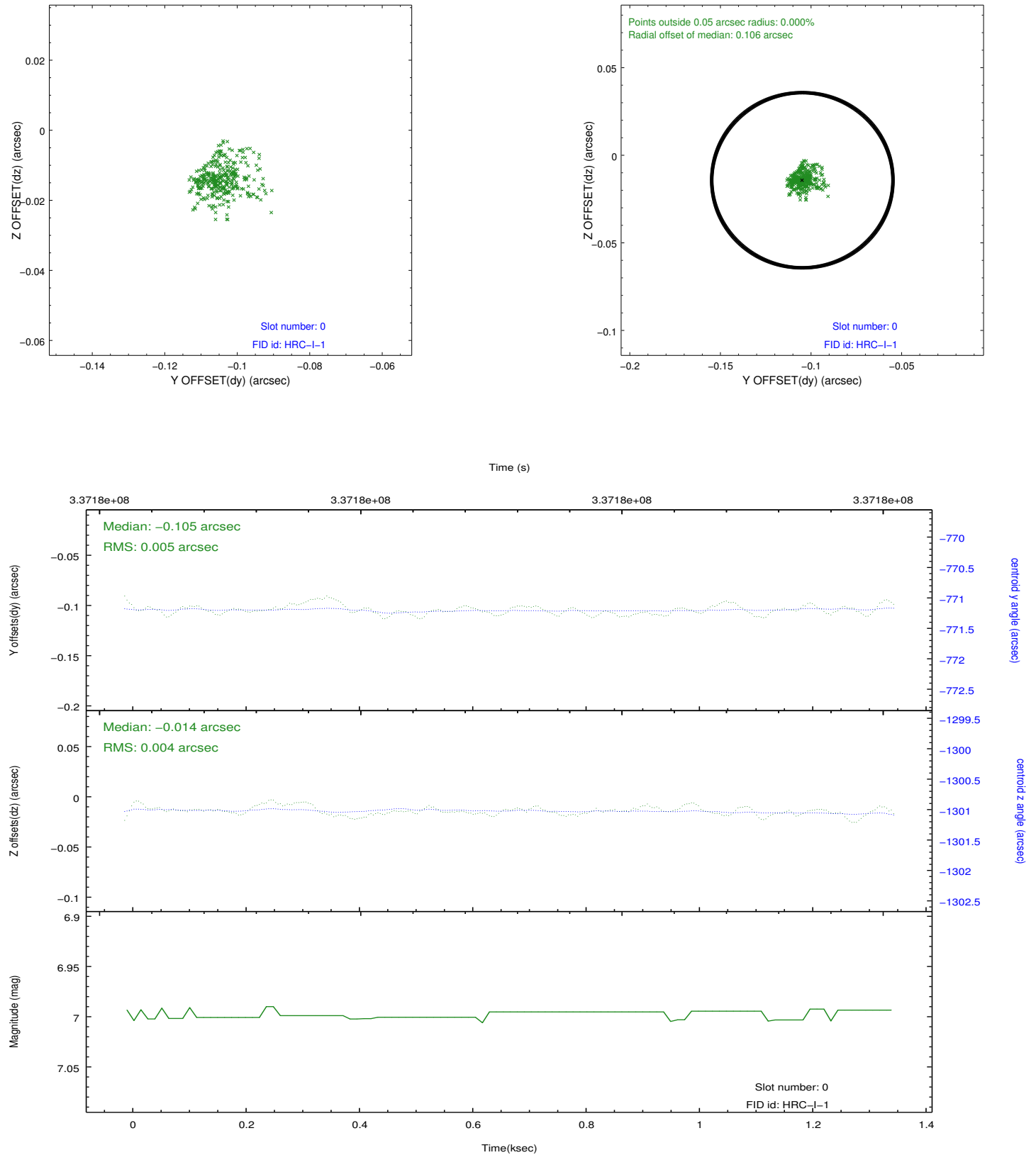


2.4.5 Slot 7

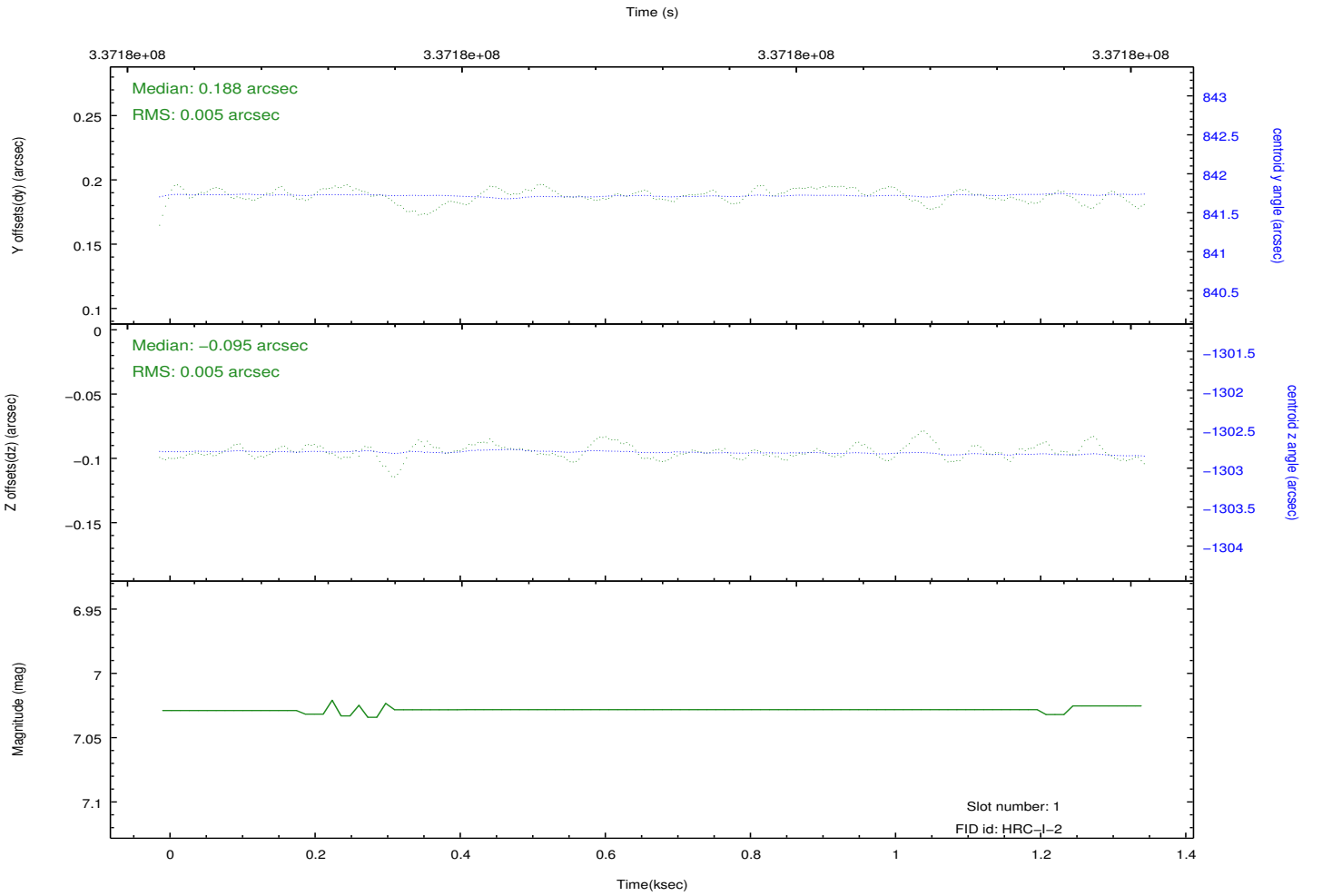
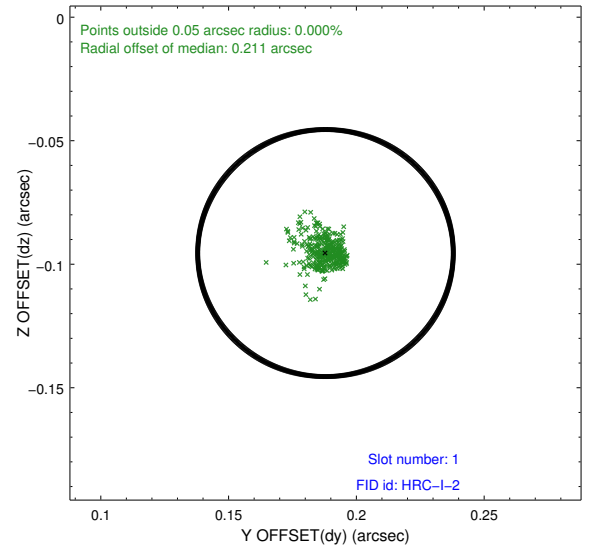
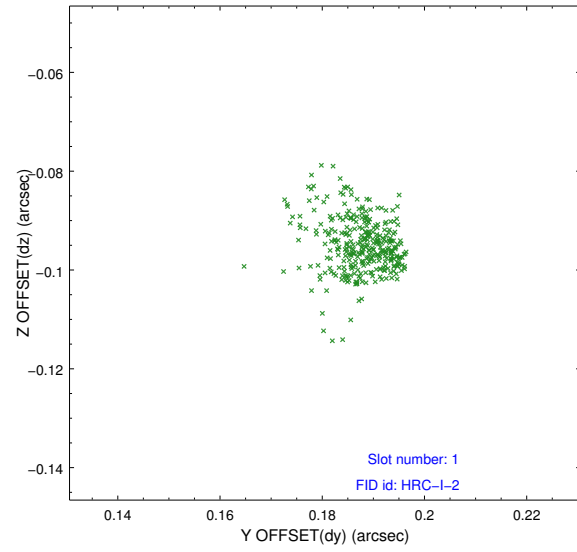


2.5 FID Slots

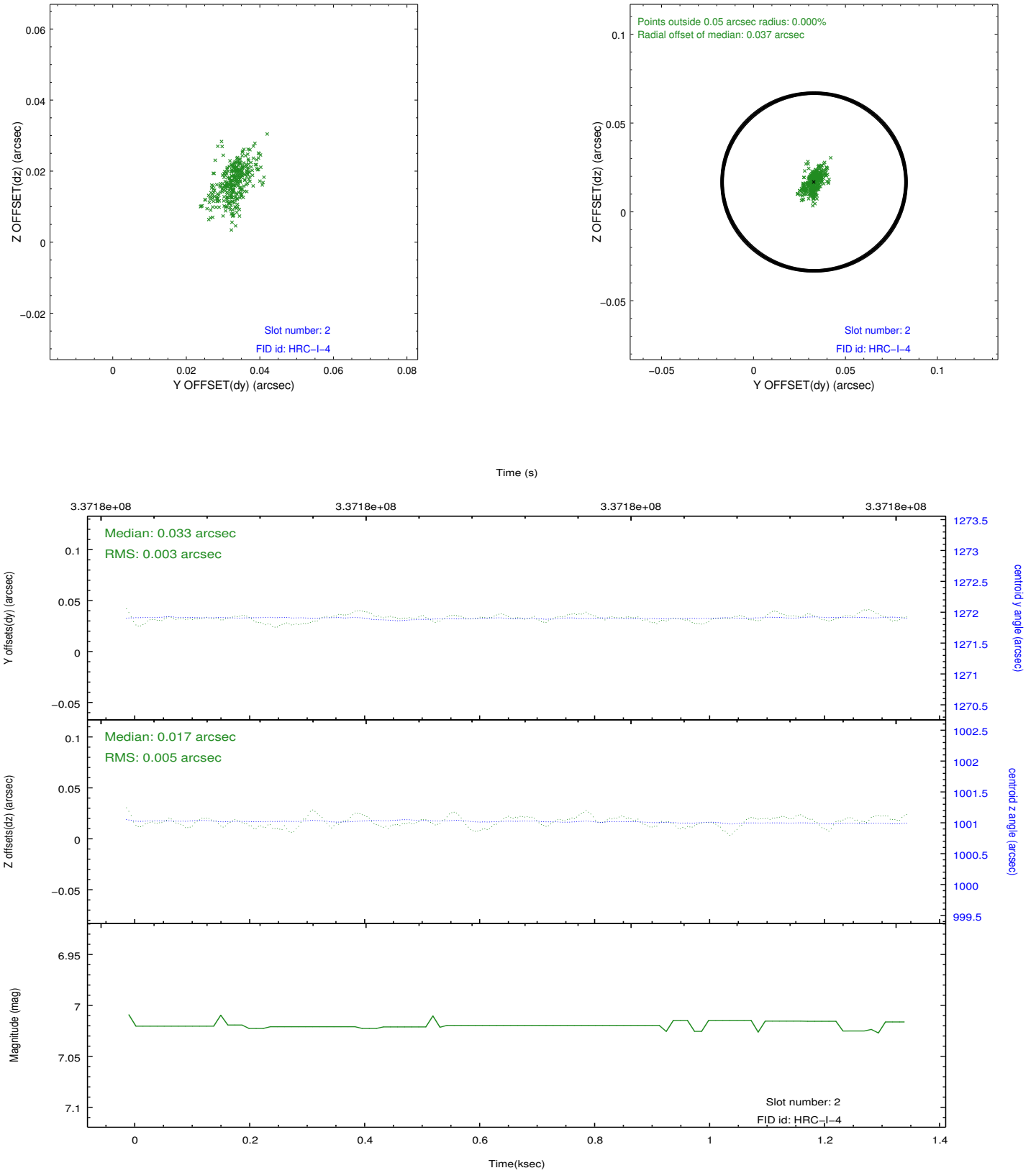
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36017506

A.2 Comments