

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9648 - L2 Version 3
Chandra X-Ray Center

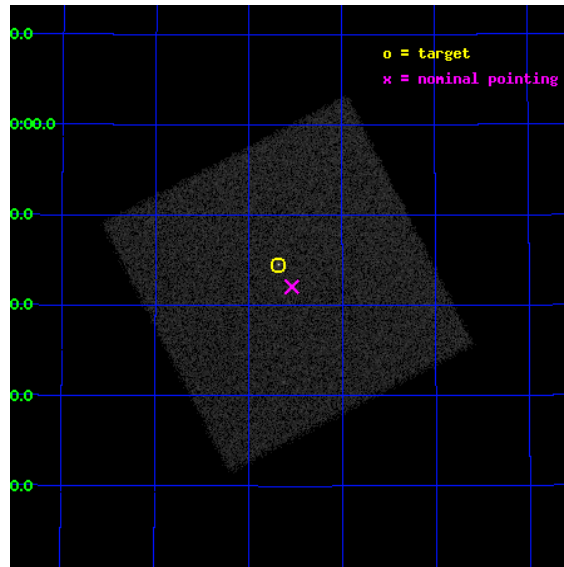
L2 Processing Date : Aug 12 2012

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1 Front

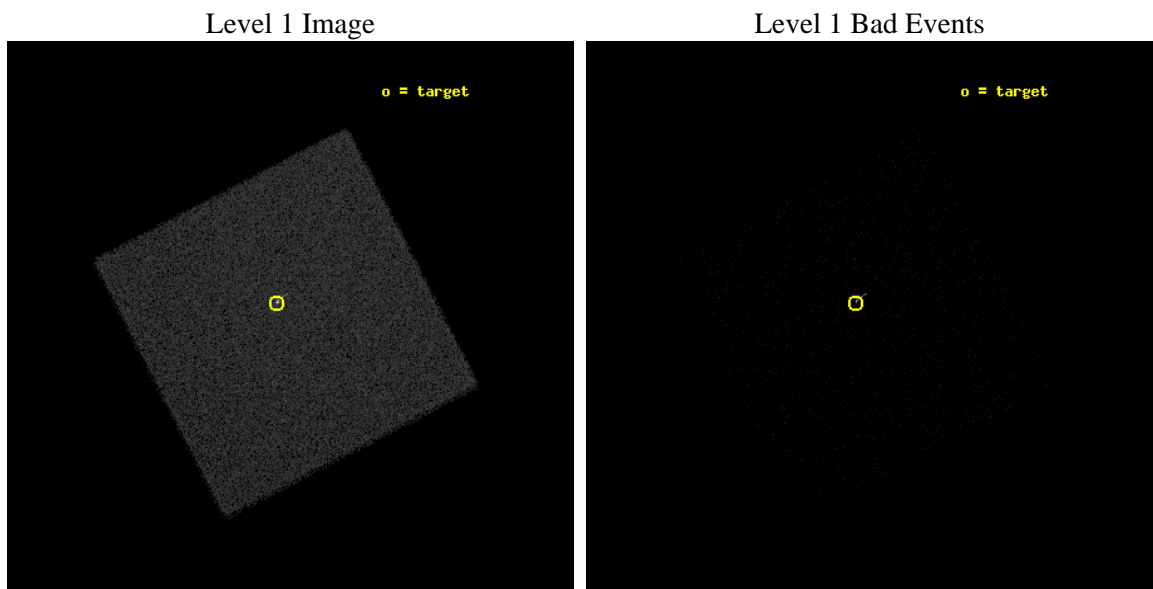
seq_num	290771	Sequence number
obs_id	9648	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1342636192	Nominal RA [deg]
dec_nom	45.701330059699	Nominal Dec [deg]
roll_nom	197.67686820852	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1366.5813170075	[s]
livetime	1351.7502717637	Ontime multiplied by DTCOR
l2events	92160	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	1366.5813170075	[s]
caldbver	4.5.1.1	 	l1events	164065	Number of level 1 events
date	2012-08-12T19:32:47	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

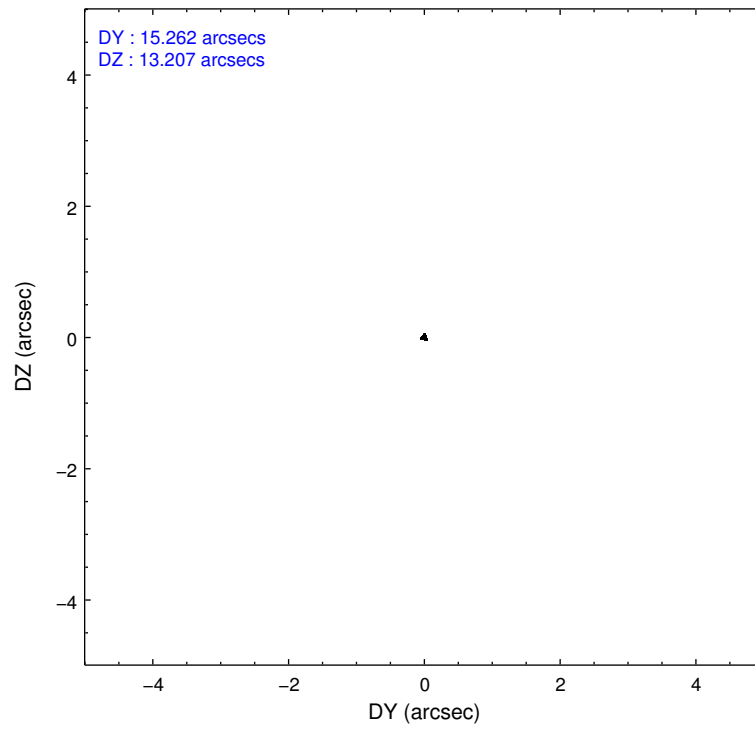
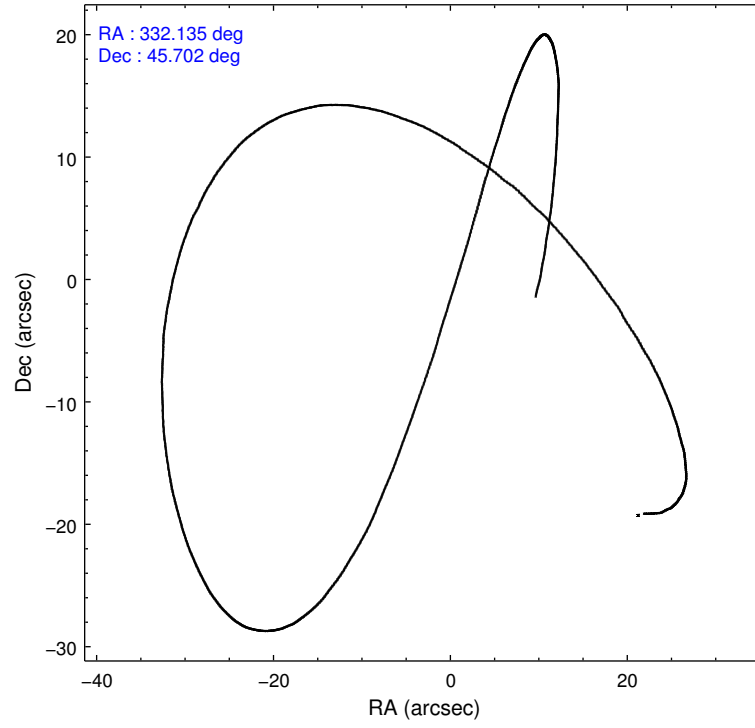
Level 1 Events

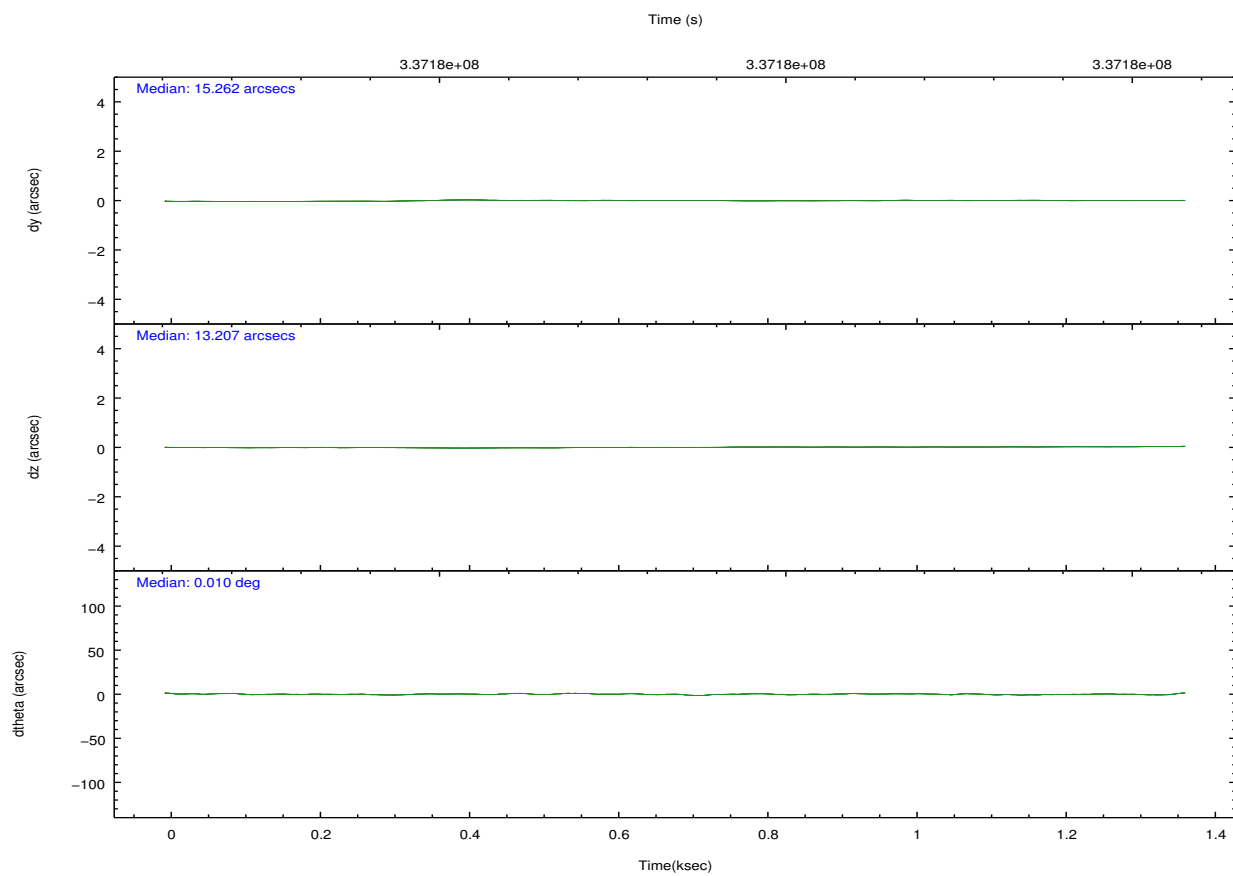
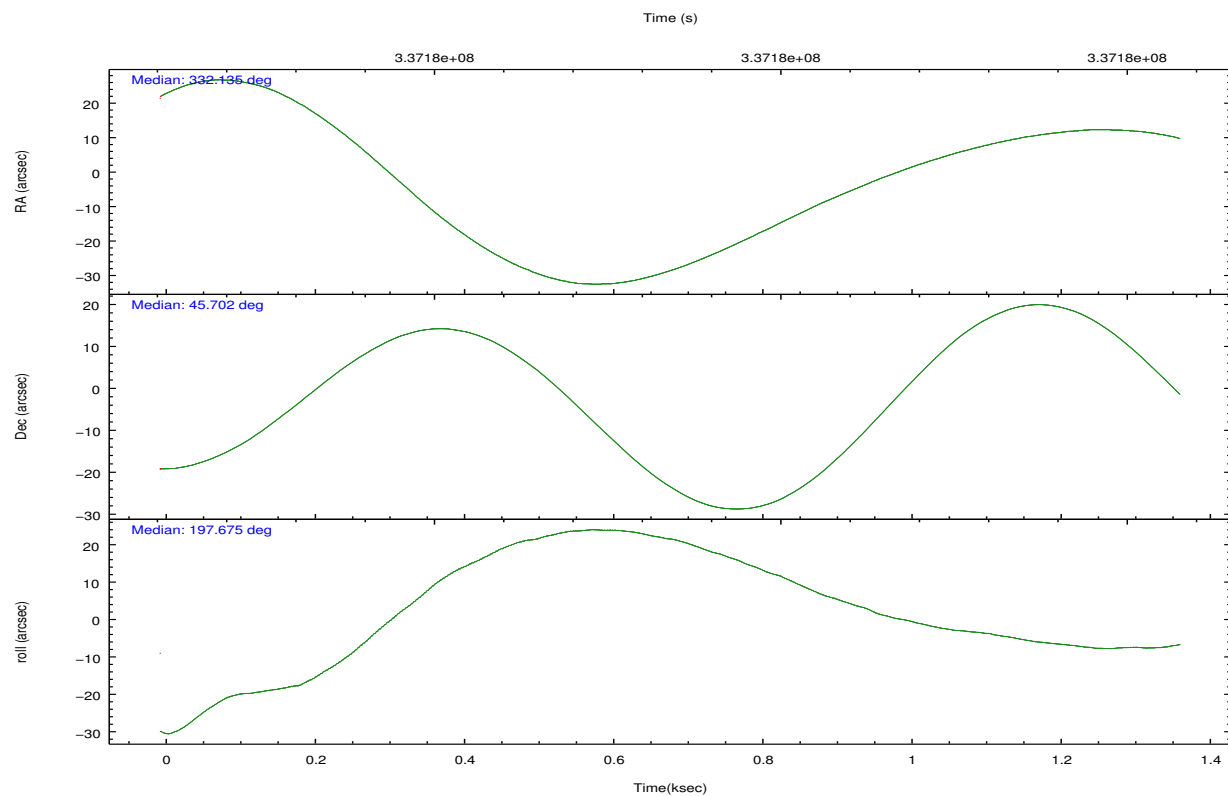
	segment 0
level 1 events	164065
rejected events	31348
rejected %	19%

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	332.158614	332.1342636192007			
[deg] Pointing Dec	45.721218	45.70133005969898			
[deg] Pointing Roll	197.755009	197.6768682085224			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.98297998999862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	337183347.184000	337182970.86835			
Observation start date	2008-09-07T14:01:22	2008-09-07T13:56:10			
[s] Observation end time (MET)	337184527.184000	337184661.09343			
Observation end date	2008-09-07T14:21:02	2008-09-07T14:24:21			

2.3 Aspect



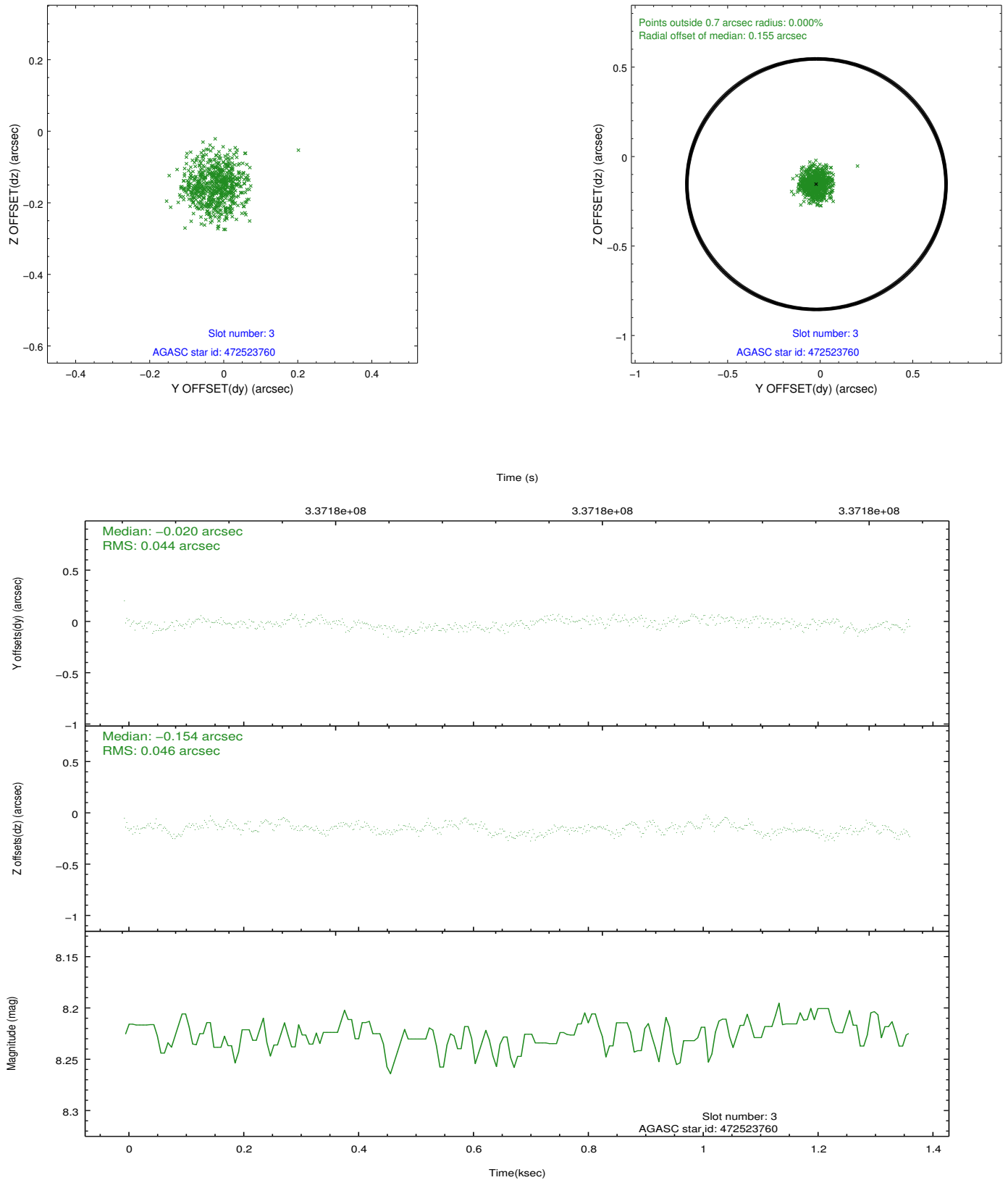


Slot Statistics

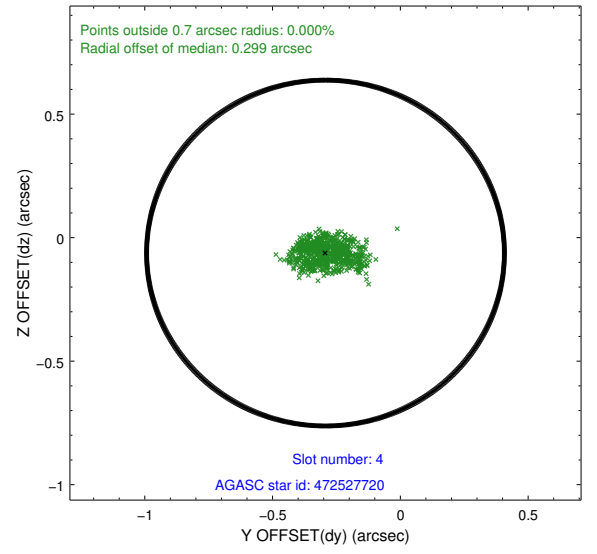
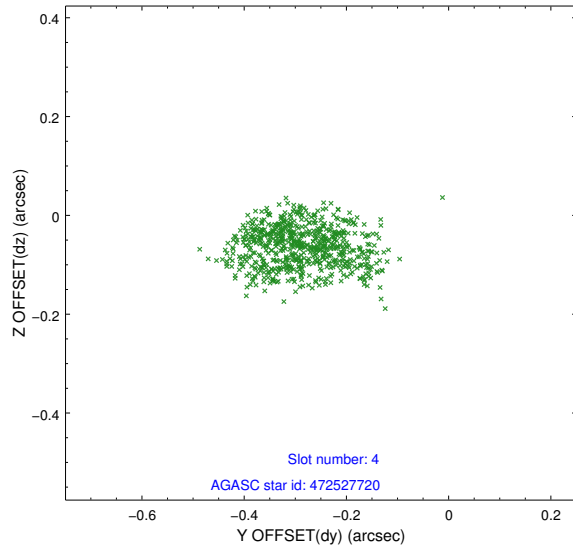
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	334	-0.060	0.017	0.006	0.010	0.000000	0.000000	-771.15	-1301.21
1	FID	HRC-I-2	7.03	334	0.236	-0.151	0.005	0.010	0.000000	0.000000	839.47	-1306.87
2	FID	HRC-I-3	7.08	334	-0.058	0.043	0.006	0.010	0.000000	0.000000	-1197.08	999.48
3	GUIDE	472523760	8.23	668	-0.020	-0.154	0.069	0.107	331.645363	45.403260	1587.21	692.01
4	GUIDE	472527720	6.99	668	-0.293	-0.062	0.090	0.146	331.460205	45.112509	2361.70	1541.16
5	GUIDE	472655152	9.44	668	0.086	0.040	0.115	0.176	332.504239	45.862991	-973.95	-219.70
6	GUIDE	472665256	9.01	668	0.156	0.033	0.100	0.159	332.808125	46.195041	-2061.06	-1136.11
7	GUIDE	472663080	9.40	667	0.064	0.151	0.103	0.166	332.652741	46.473840	-1993.33	-2210.58

2.4 Star Slots

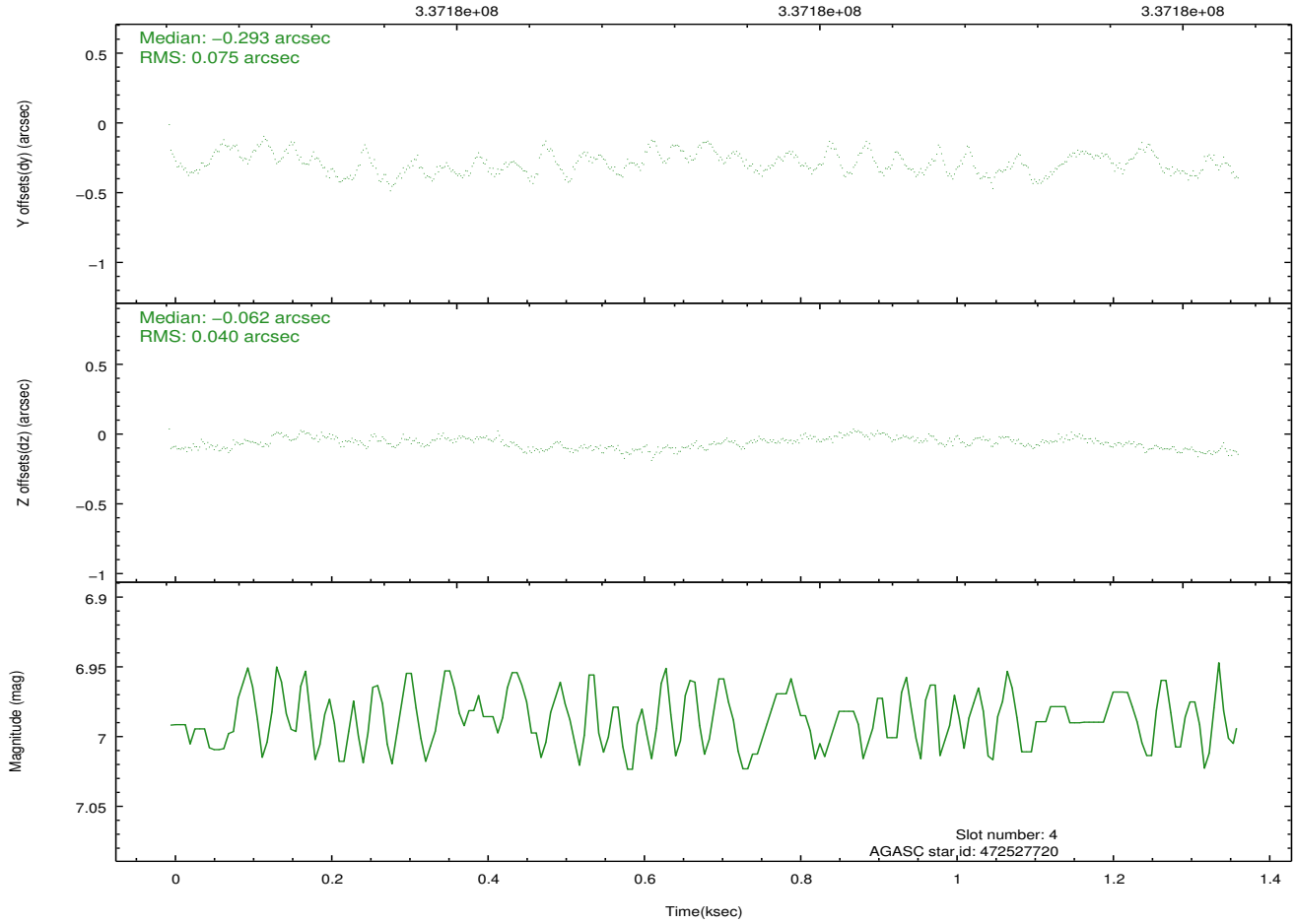
2.4.1 Slot 3



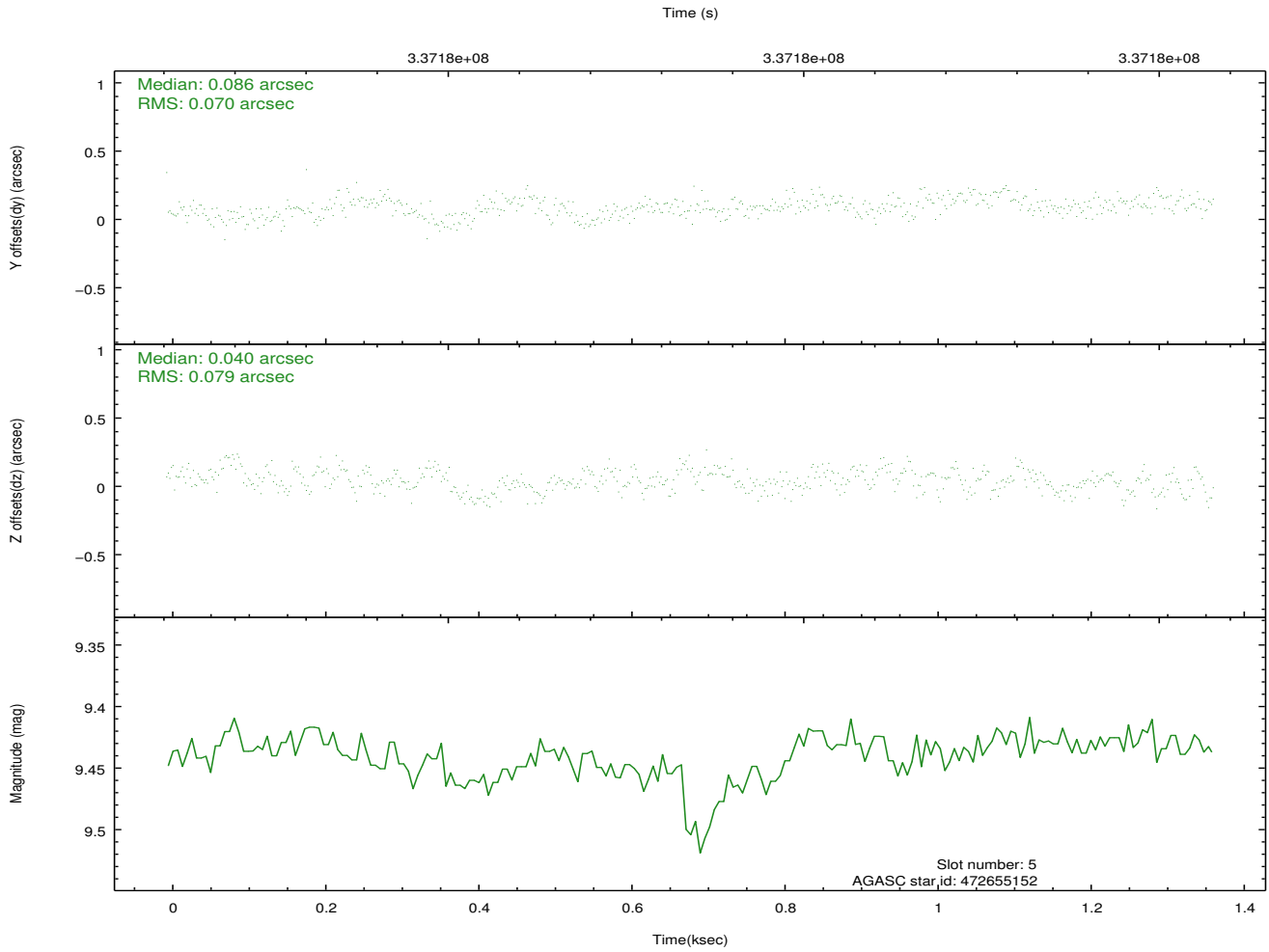
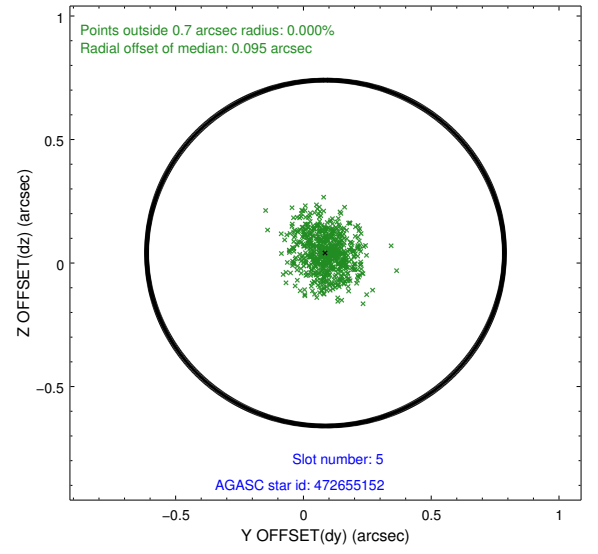
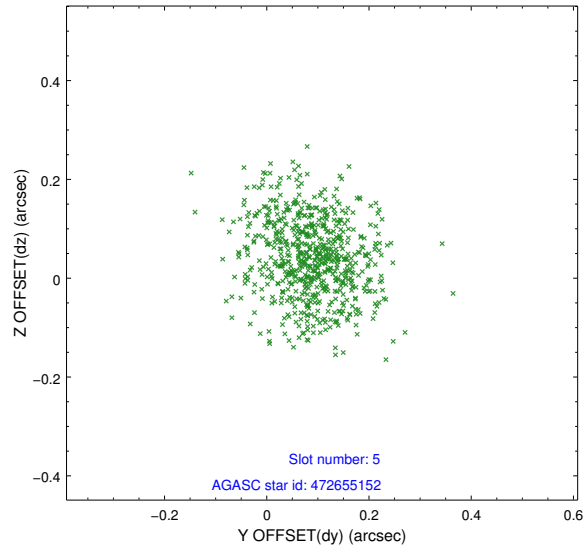
2.4.2 Slot 4



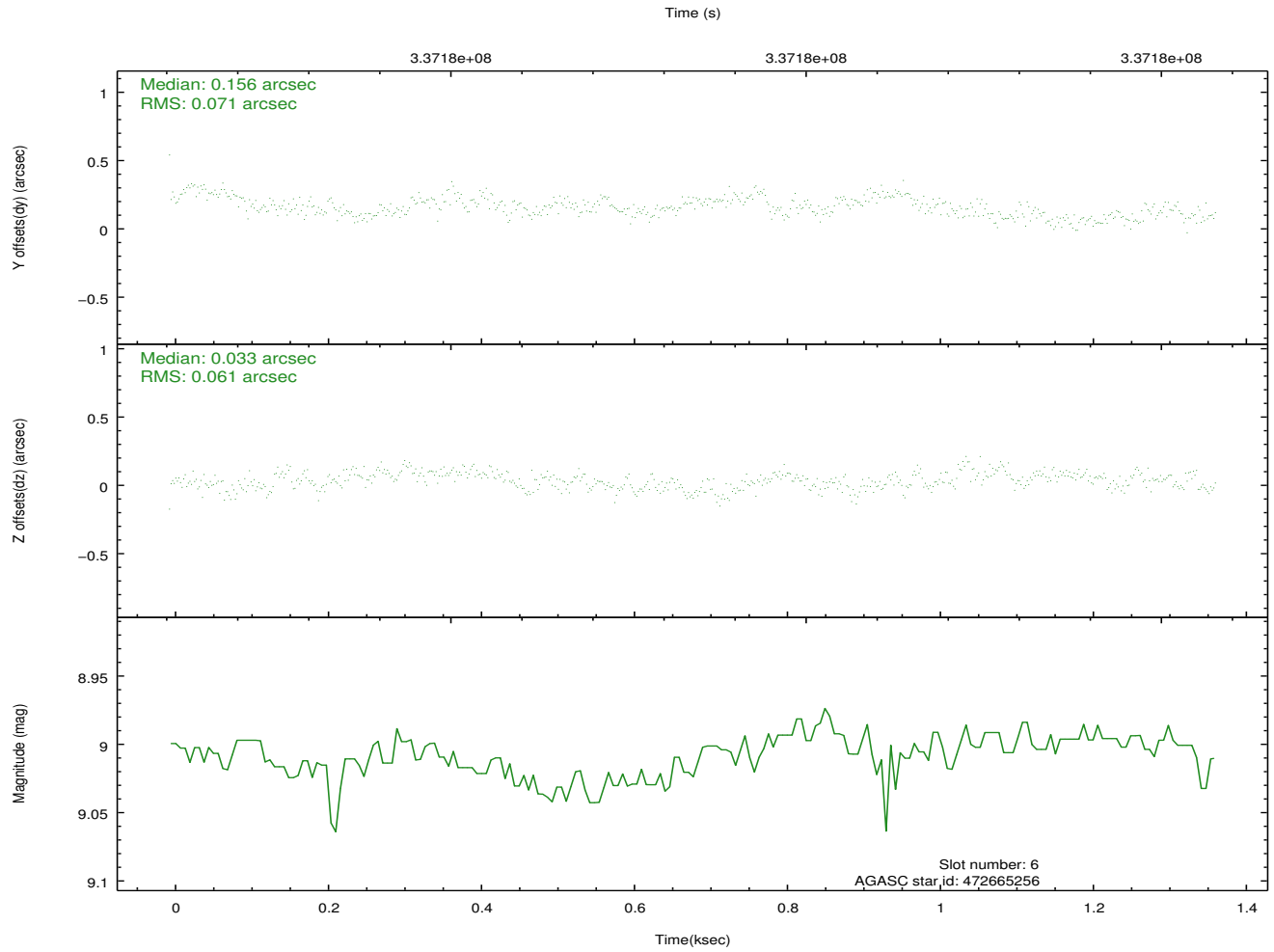
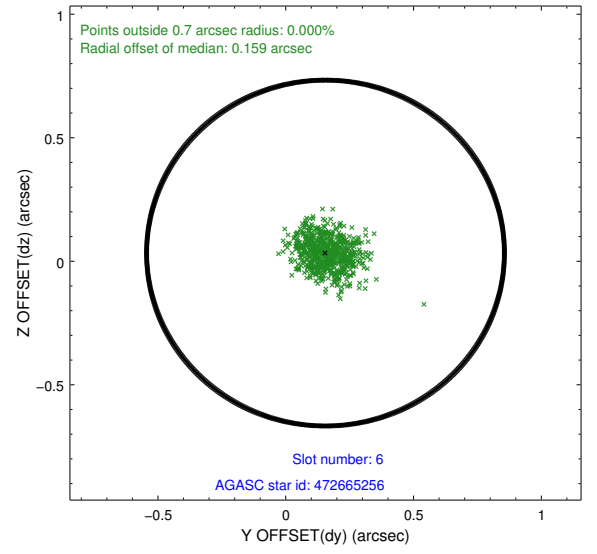
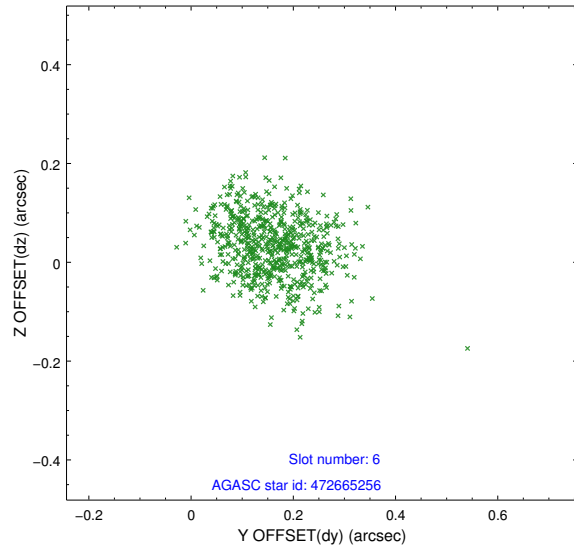
Time (s)



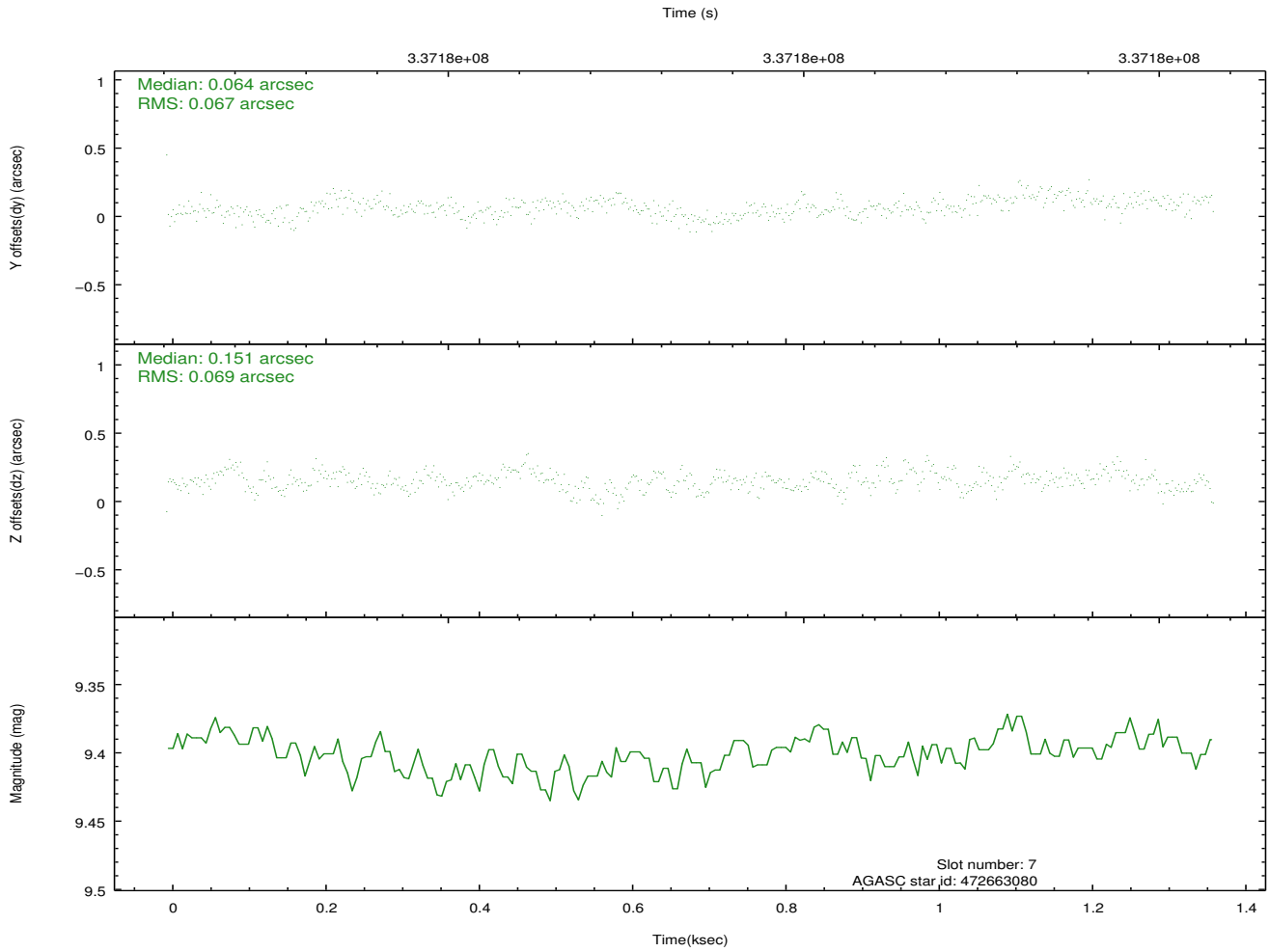
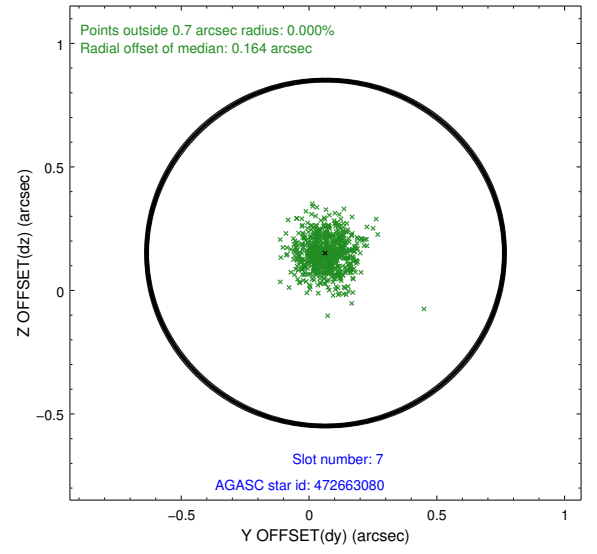
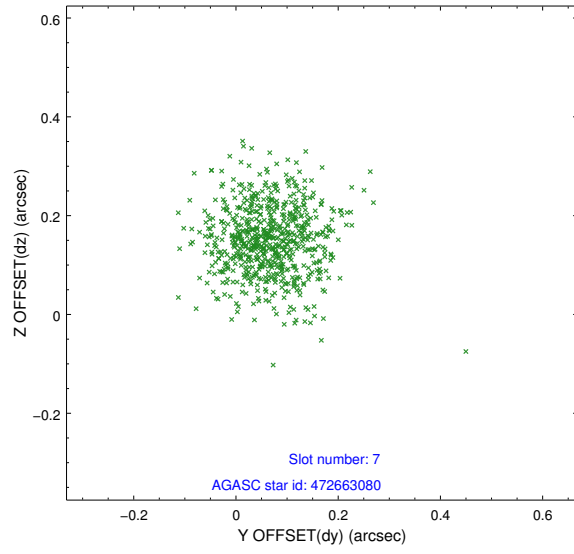
2.4.3 Slot 5



2.4.4 Slot 6

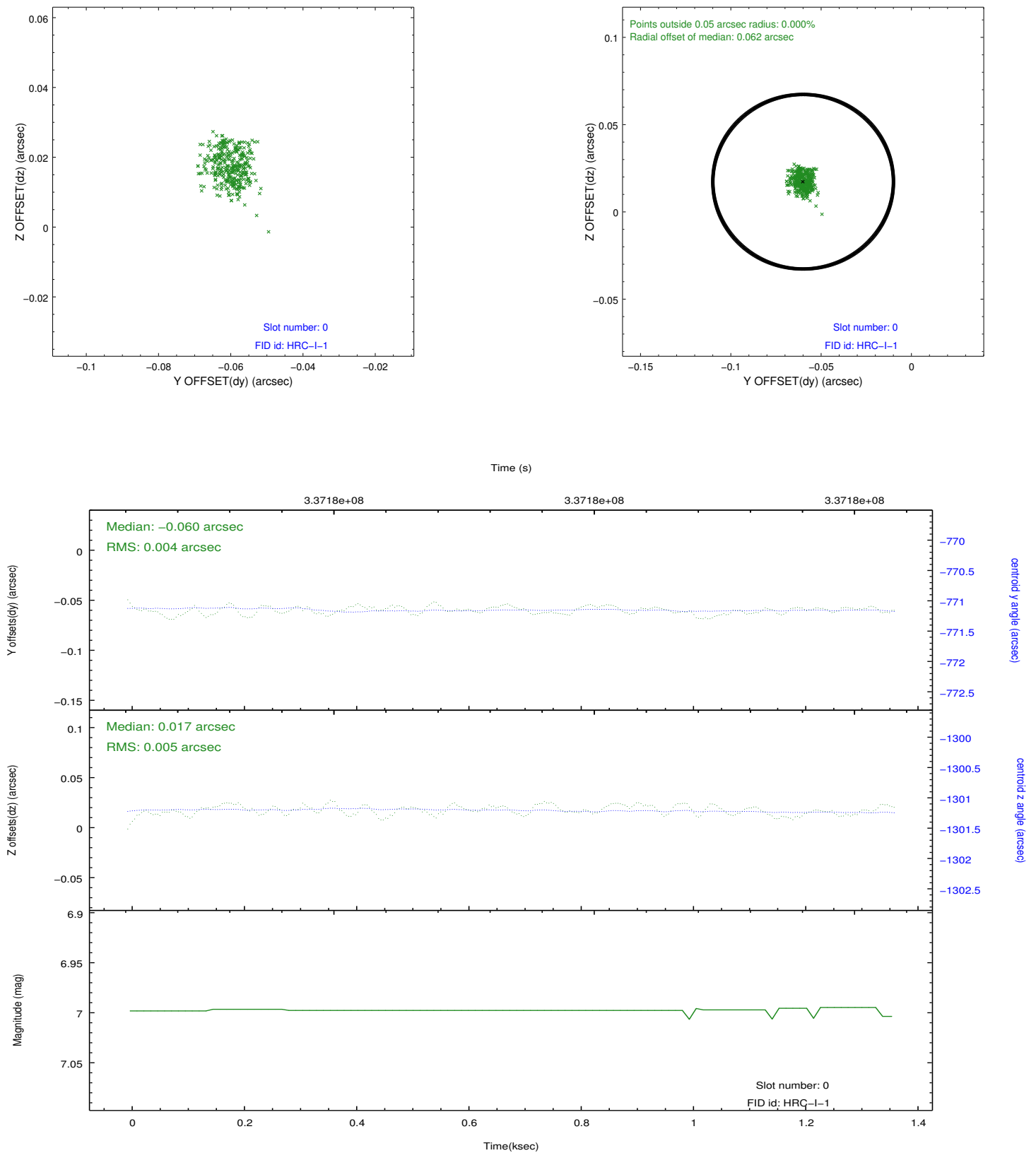


2.4.5 Slot 7

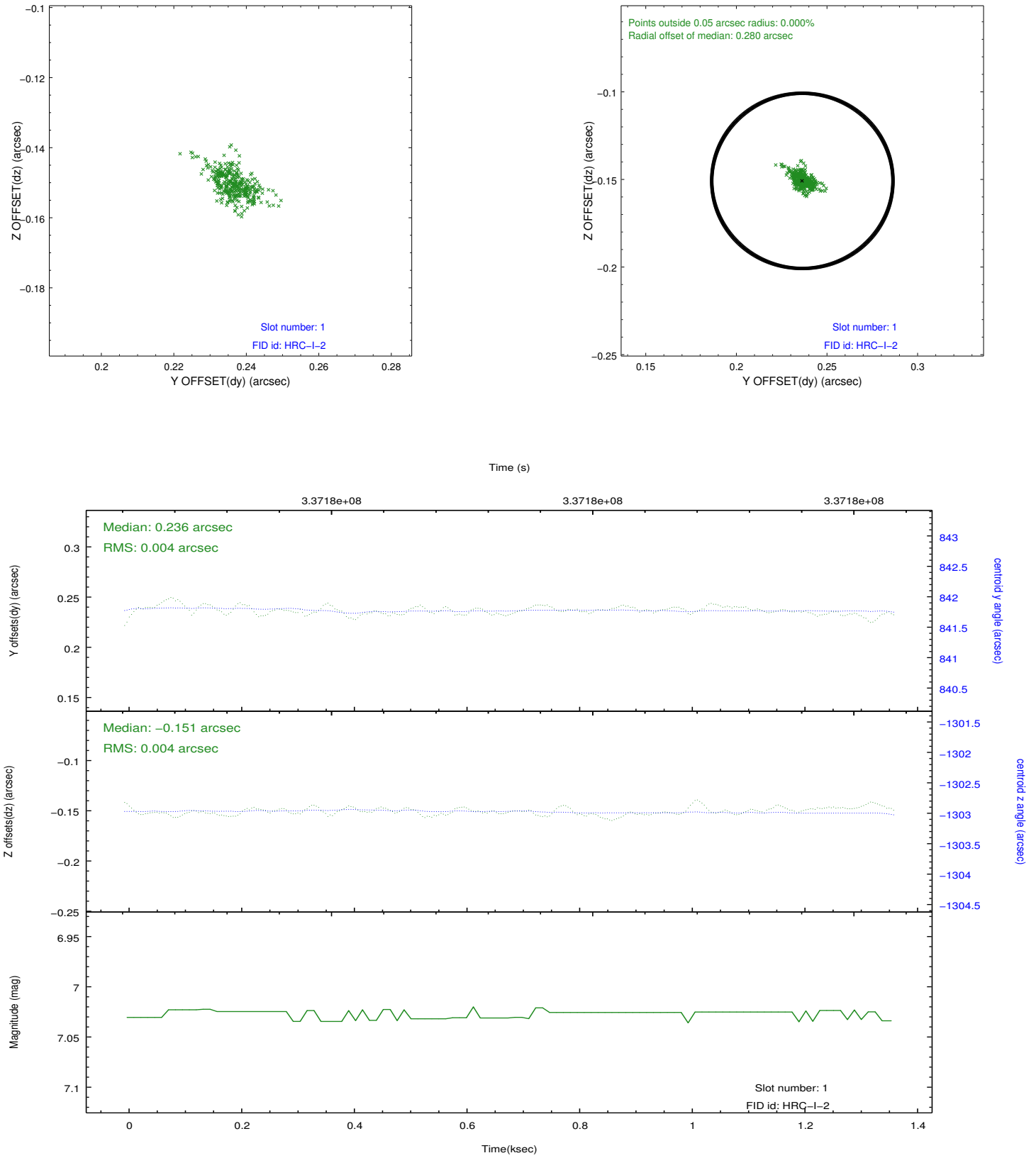


2.5 FID Slots

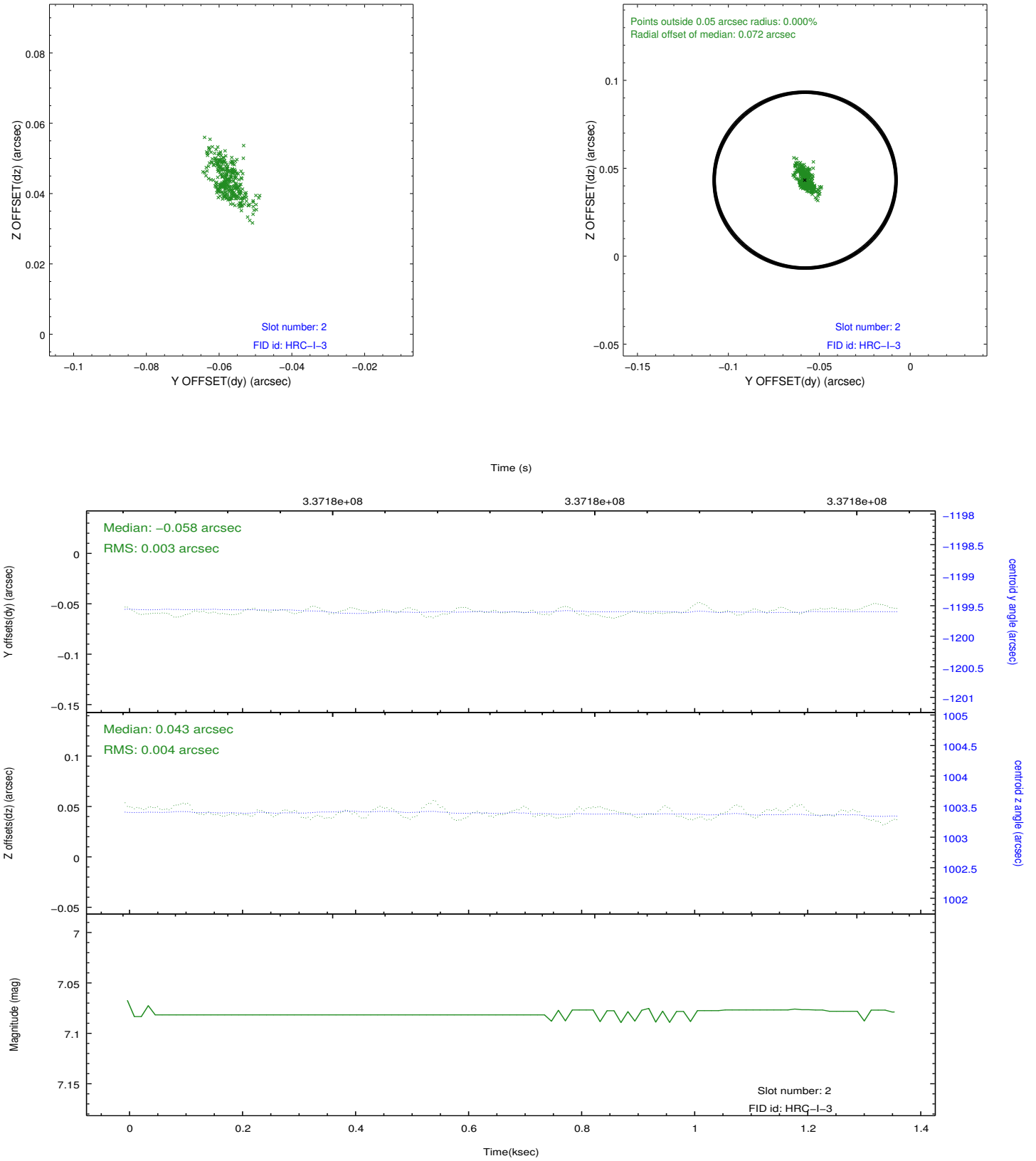
2.5.1 Slot 0



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	1.36658131

A.2 Comments