

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9829 - L2 Version 3
Chandra X-Ray Center

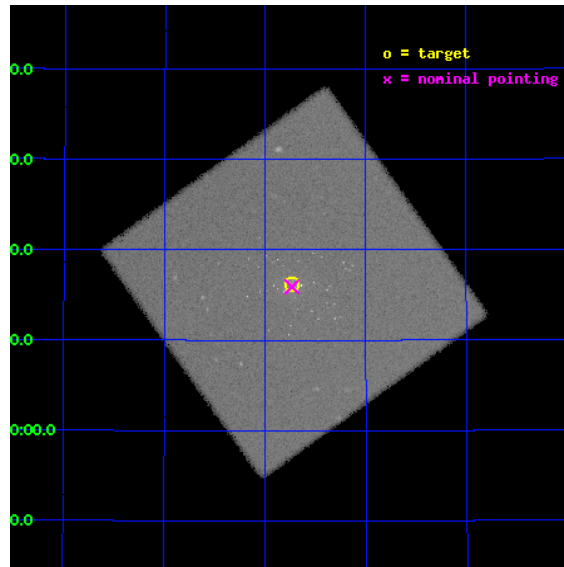
L2 Processing Date : Aug 12 2012

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1 Front

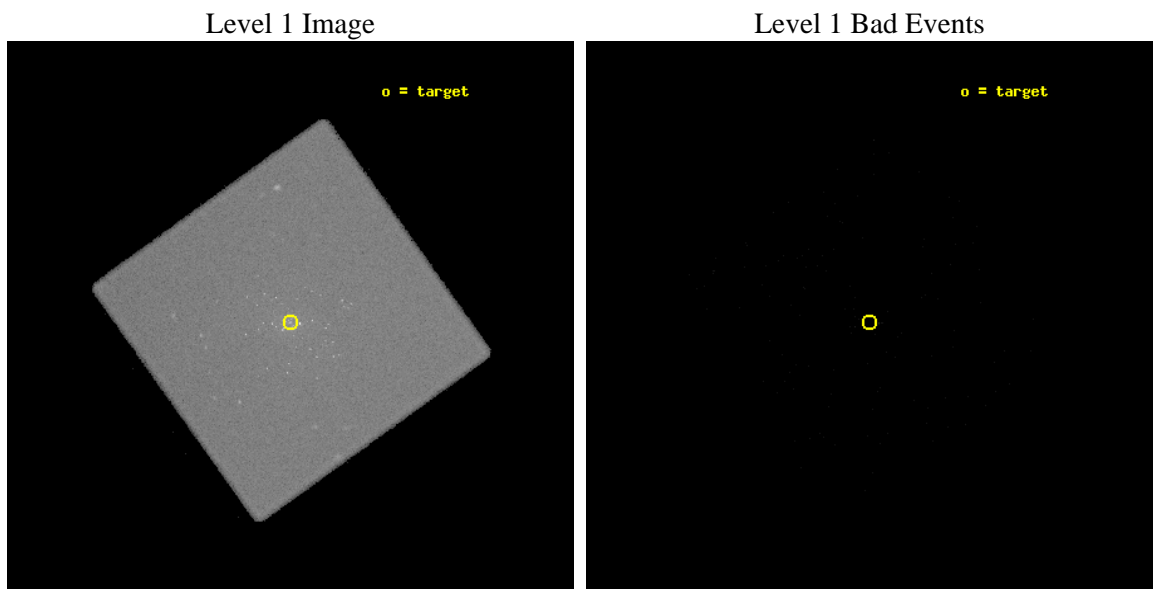
seq_num	300237	Sequence number
obs_id	9829	Observation id
title	Resolving short supersoft source states of optical novae in the core of M31	Proposal title
observer	Dr. Wolfgang Pietsch	Principal investigator
object	M31	Source name
ra_targ	10.684583	Observer's specified target RA [deg]
dec_targ	41.269278	Observer's specified target Dec [deg]
ra_nom	10.68350626479	Nominal RA [deg]
dec_nom	41.26532123893	Nominal Dec [deg]
roll_nom	279.40521222875	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10187.731753767	[s]
liveltime	10075.125906299	Ontime multiplied by DTCOR
l2events	684129	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10187.731753767	[s]
caldbver	4.5.1.1	 	l1events	1062003	Number of level 1 events
date	2012-08-12T23:33:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

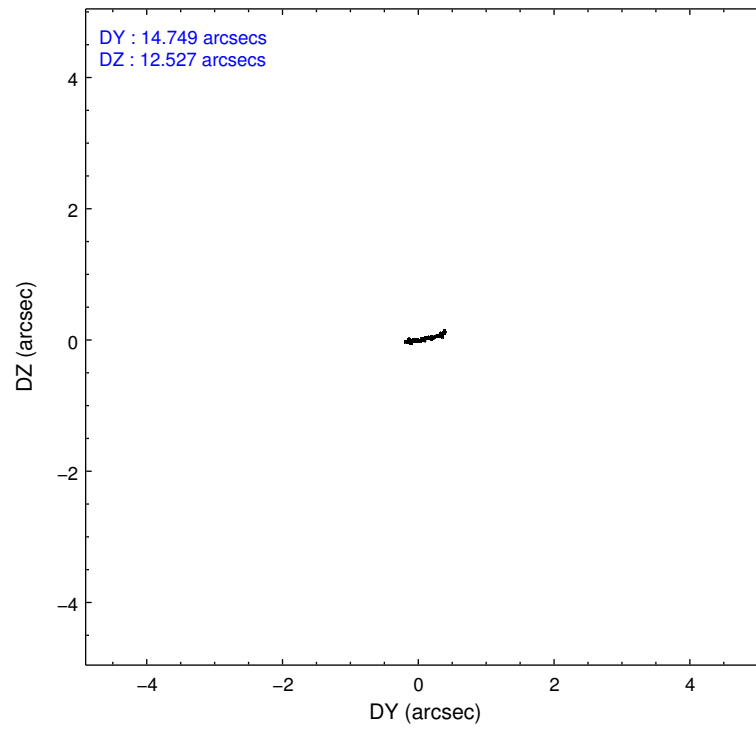
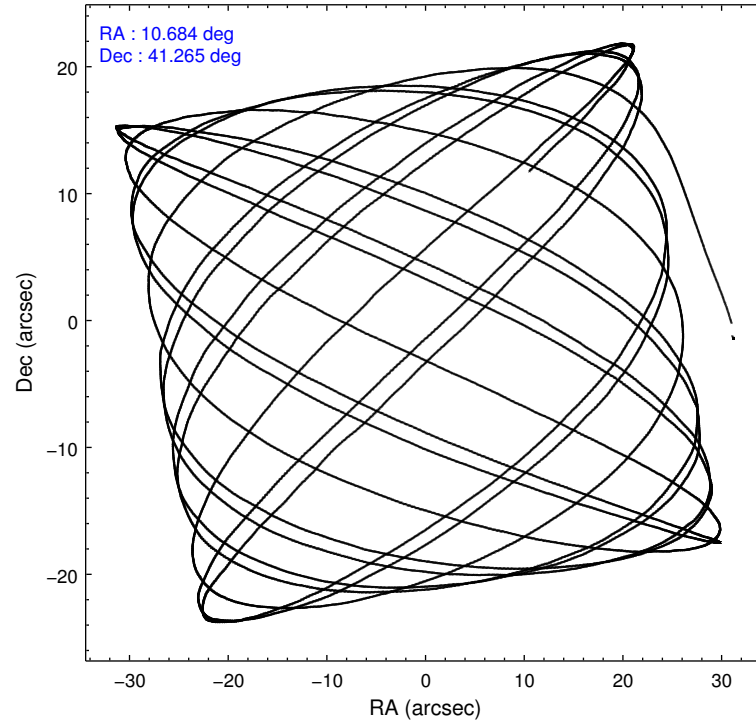
	segment 0
level 1 events	1062003
rejected events	68472
rejected %	6%

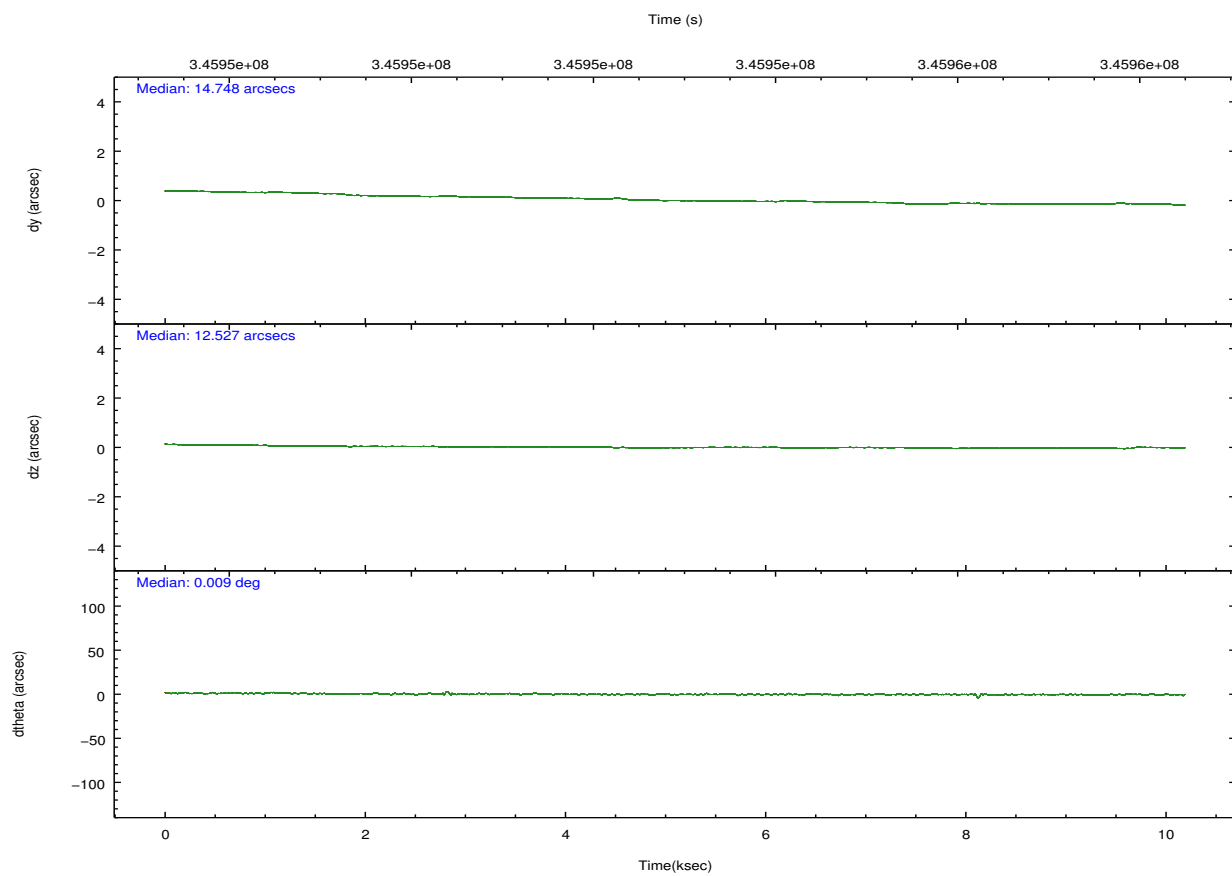
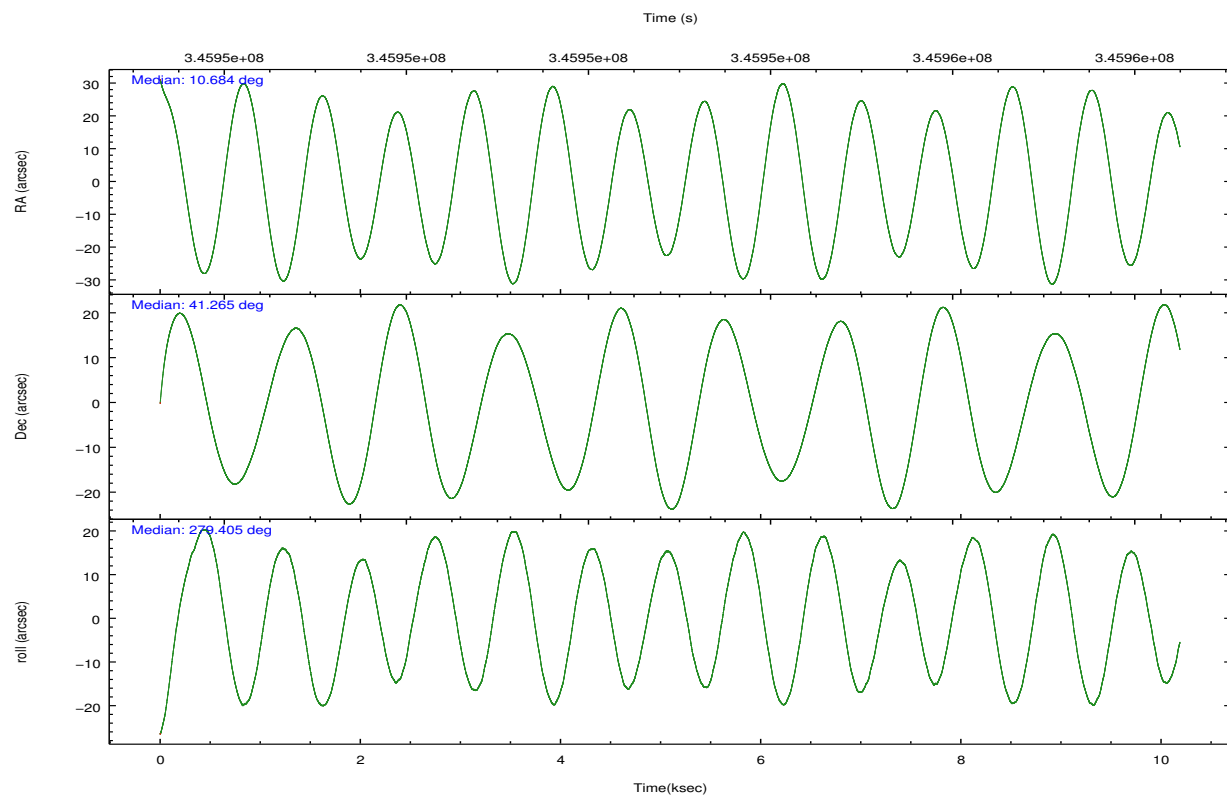
2.2 Compared Parameters

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	10.659773	10.68350626478979
[deg] Pointing Dec	41.285753	41.26532123893021
[deg] Pointing Roll	279.516375	279.4052122287537
[s] Window start time (MET)	345859265.184000	345859265.184000
[s] Window stop time (MET)	346118405.184000	346118405.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	345947998.184000	345947127.71295
Observation start date	2008-12-18T00:38:53	2008-12-18T00:25:27
[s] Observation end time (MET)	345957998.184000	345958700.47602
Observation end date	2008-12-18T03:25:33	2008-12-18T03:38:20

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

2.3 Aspect



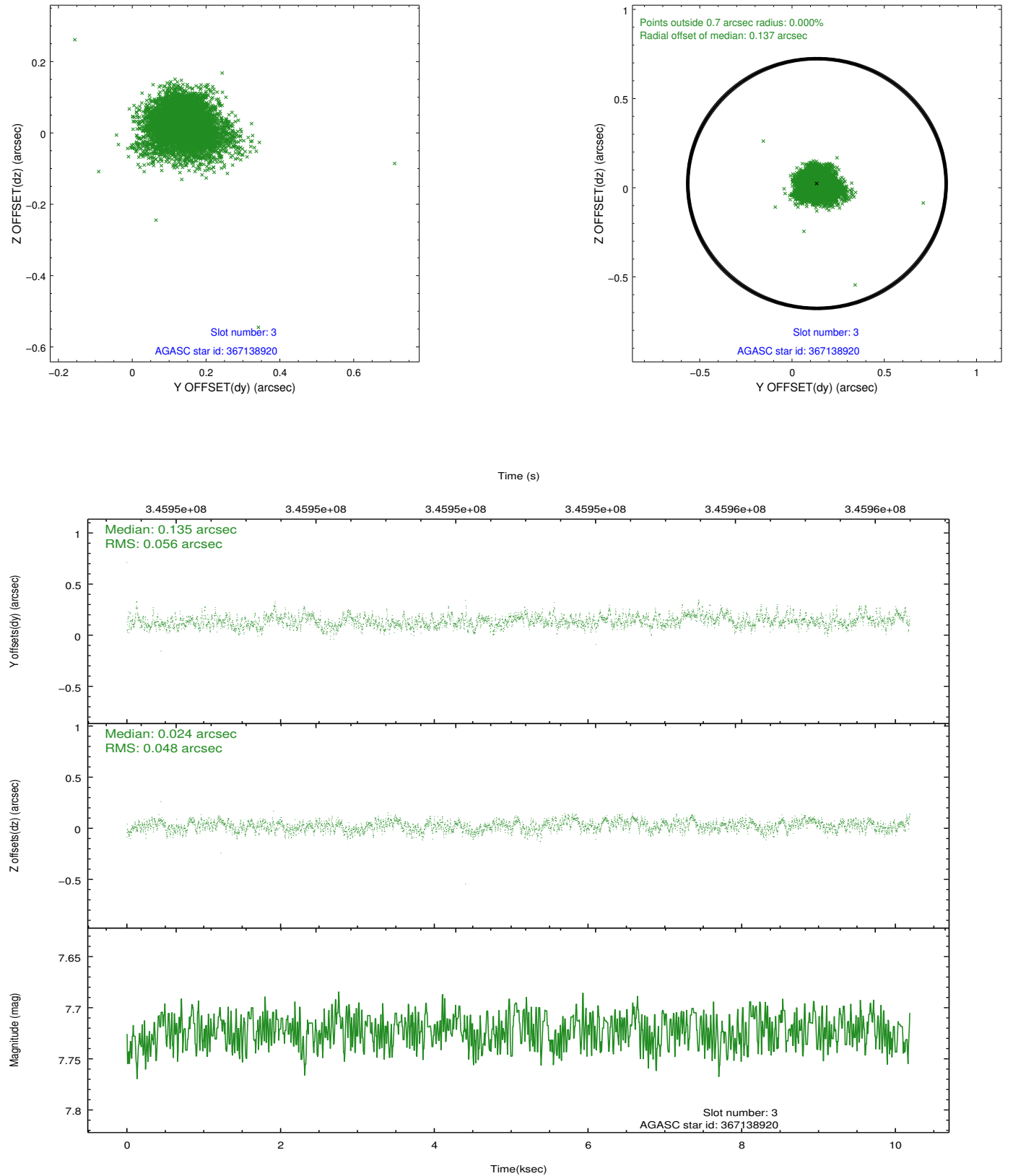


Slot Statistics

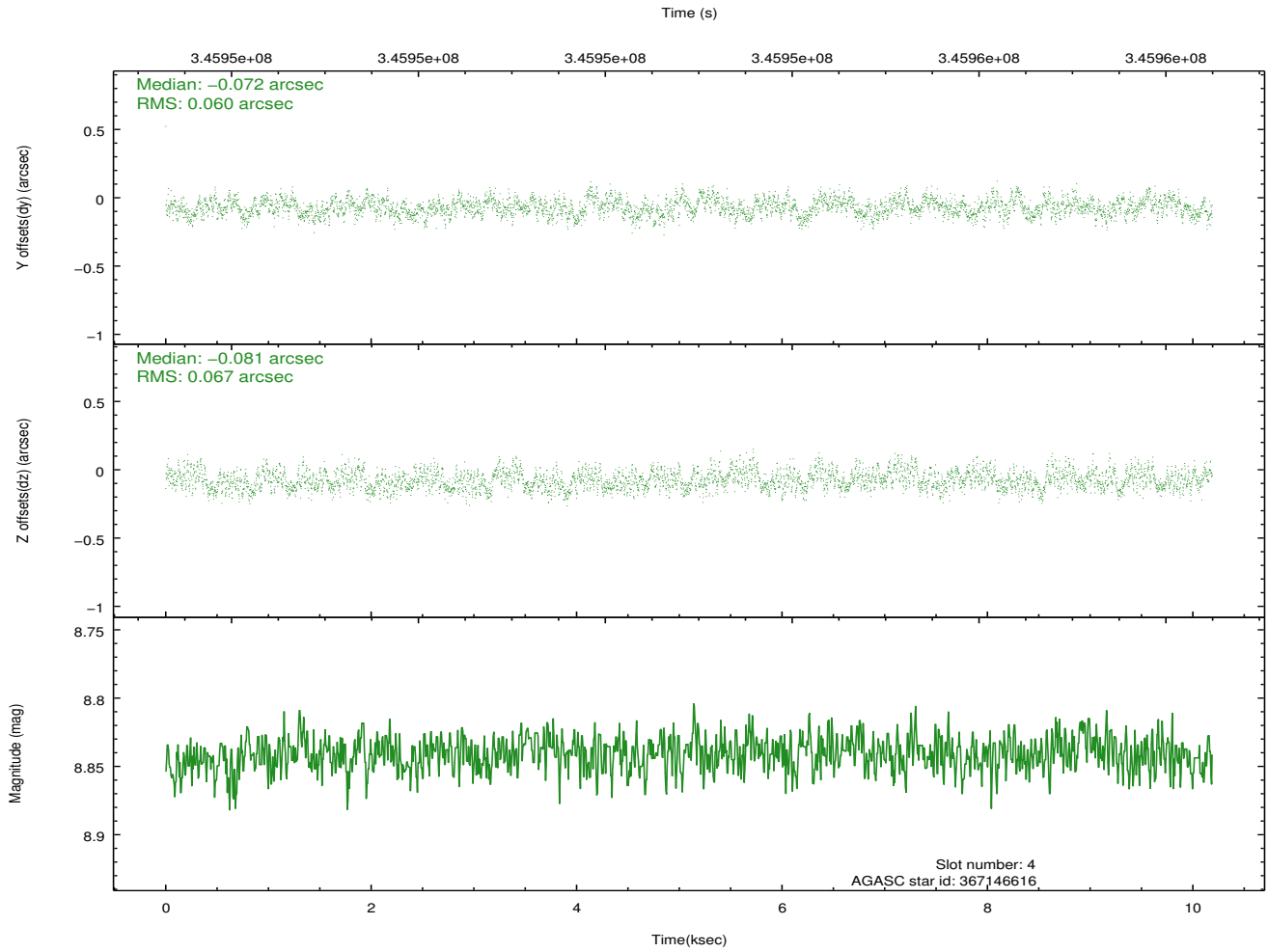
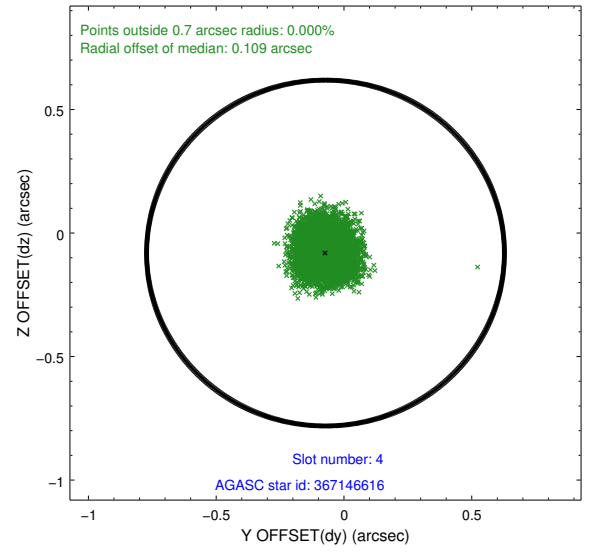
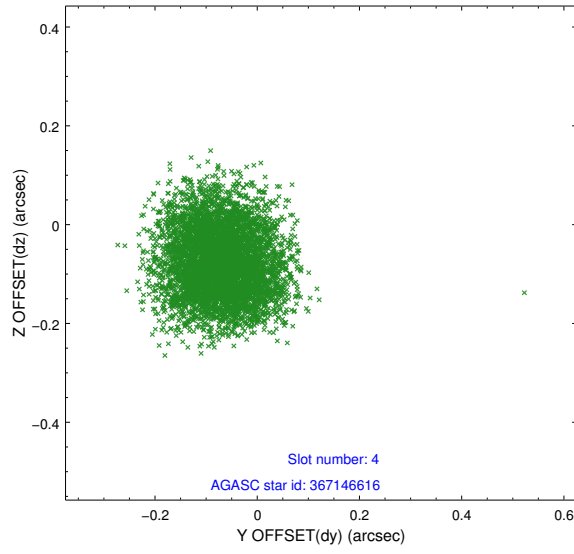
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	2486	-0.074	0.006	0.008	0.012	0.000000	0.000000	-770.69	-1300.59
1	FID	HRC-I-2	7.06	2485	0.272	-0.173	0.012	0.018	0.000000	0.000000	841.98	-1302.88
2	FID	HRC-I-3	7.11	2486	-0.079	0.076	0.014	0.020	0.000000	0.000000	-1198.82	1003.53
3	GUIDE	367138920	7.72	4970	0.135	0.024	0.076	0.125	11.513485	40.808909	2067.90	2012.76
4	GUIDE	367146616	8.84	4967	-0.072	-0.081	0.098	0.151	11.418645	41.190163	671.48	1972.16
5	GUIDE	367148872	7.24	4968	0.072	0.027	0.074	0.123	10.505940	40.688258	2053.06	-769.80
6	GUIDE	367663272	9.28	4960	-0.128	-0.034	0.106	0.181	10.656279	41.699429	-1469.06	235.66
7	GUIDE	367674552	8.85	4967	-0.010	0.065	0.080	0.128	11.016238	41.570845	-854.95	1116.75

2.4 Star Slots

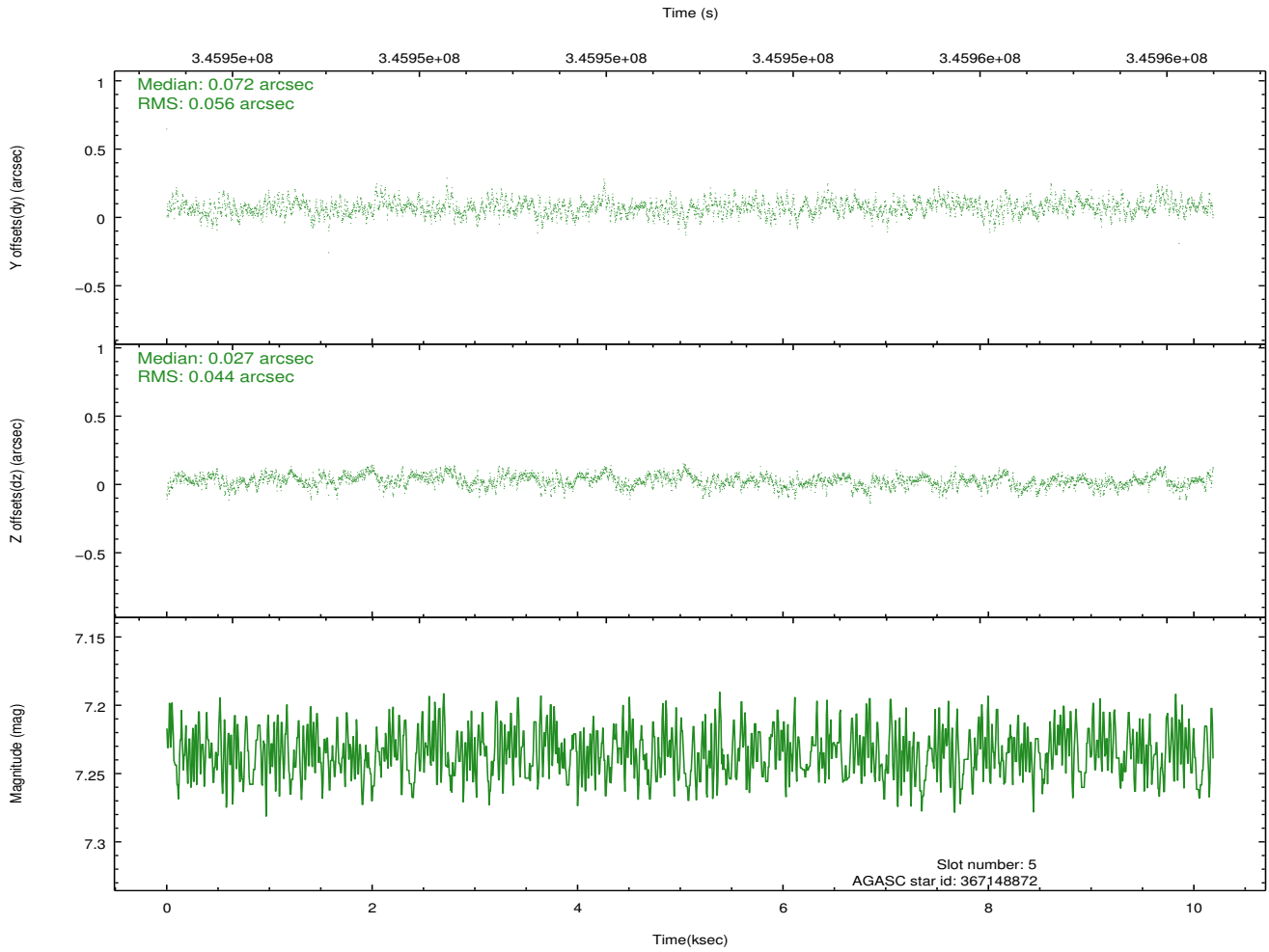
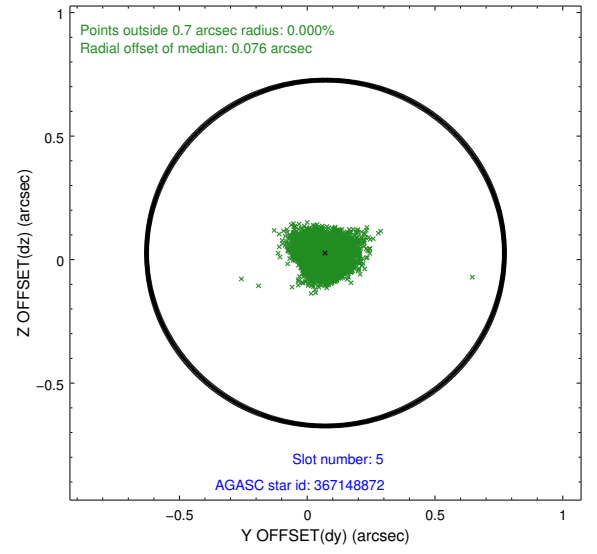
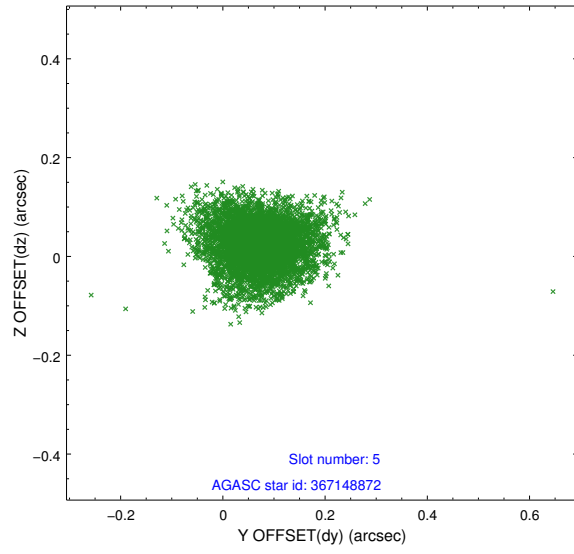
2.4.1 Slot 3



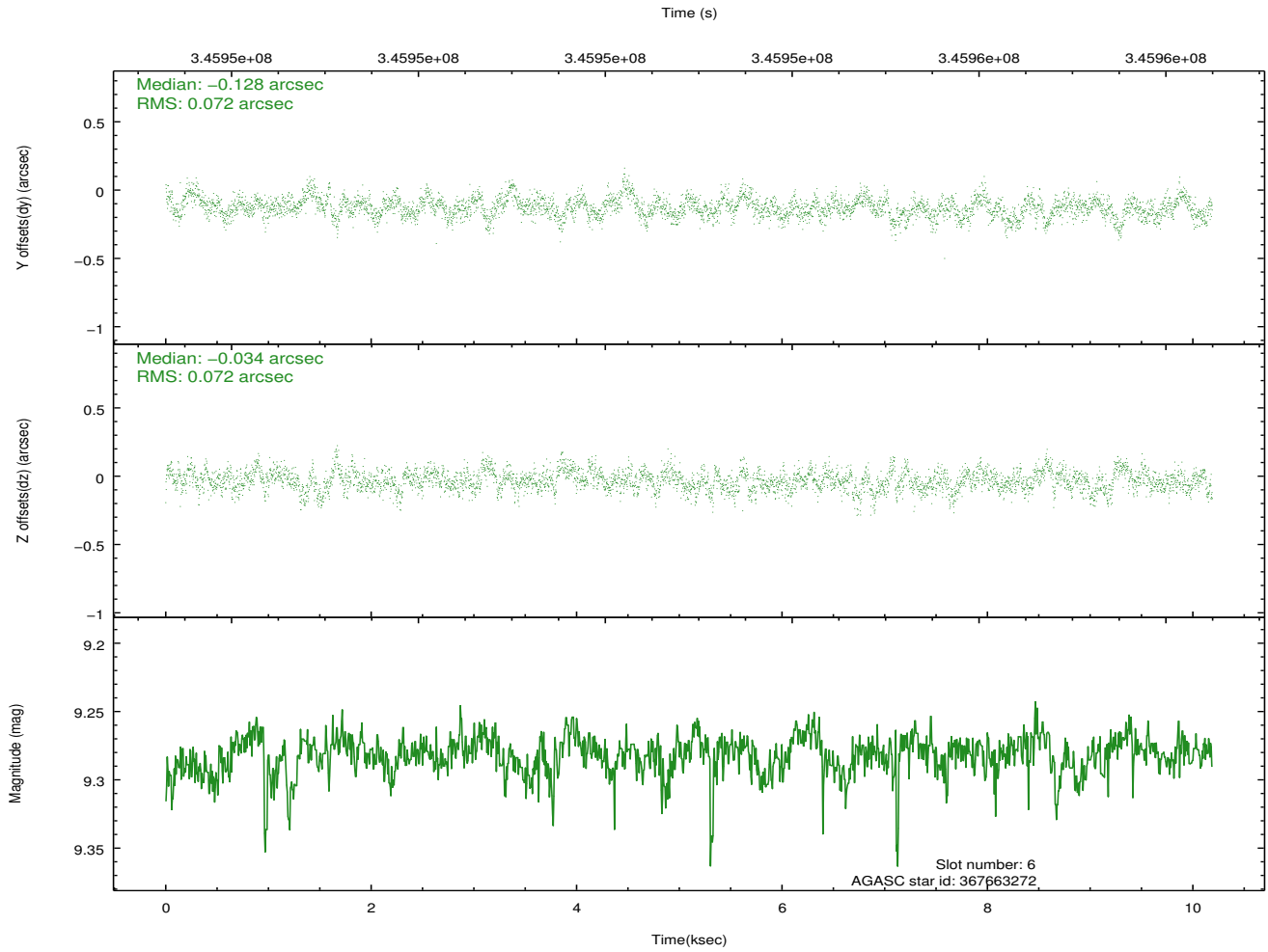
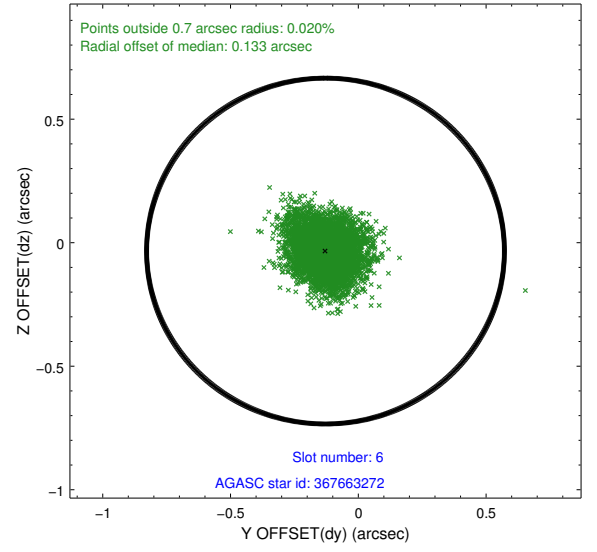
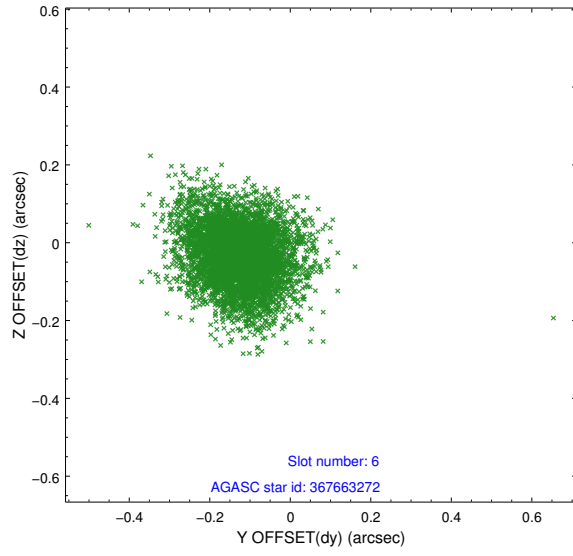
2.4.2 Slot 4



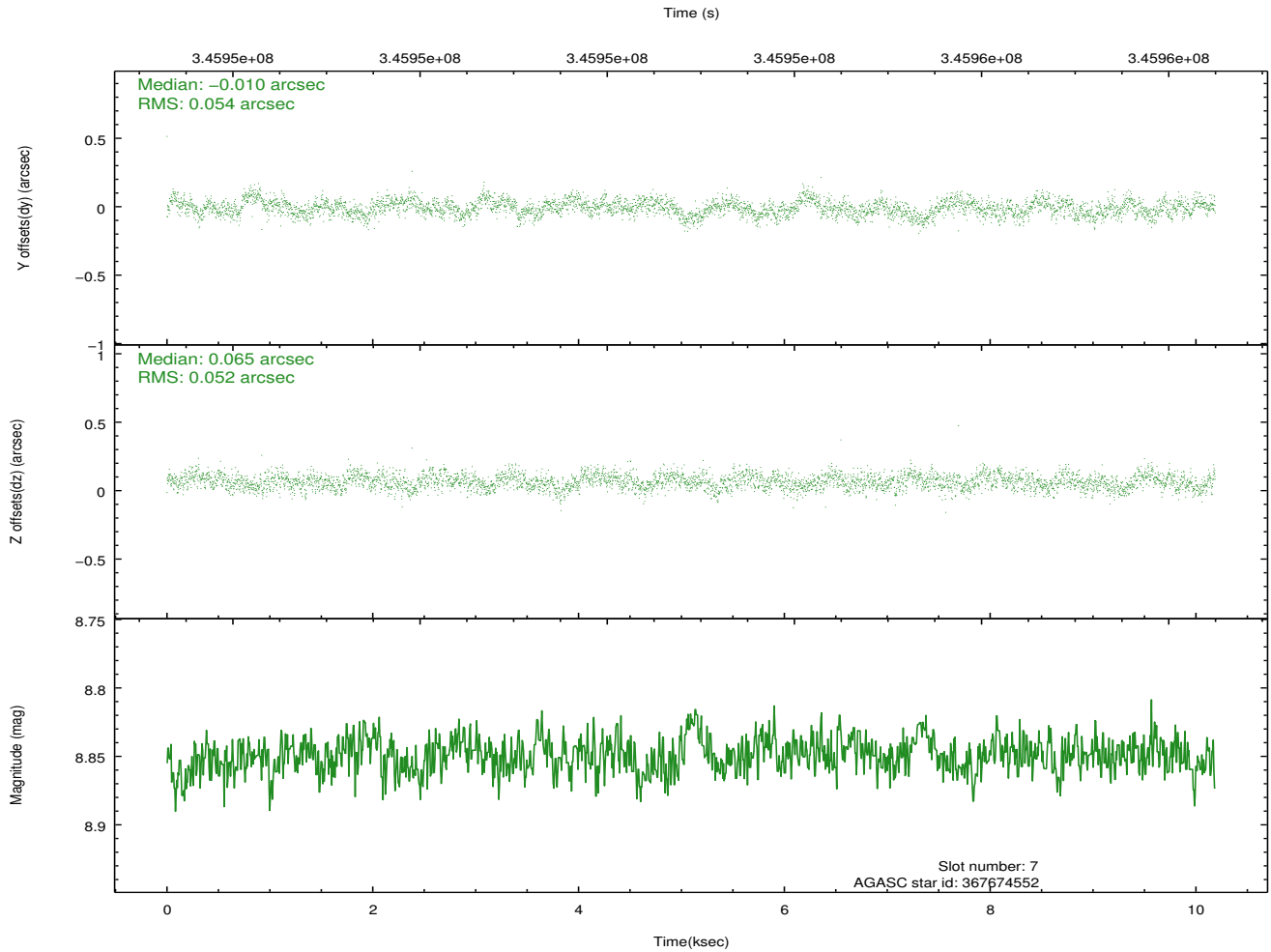
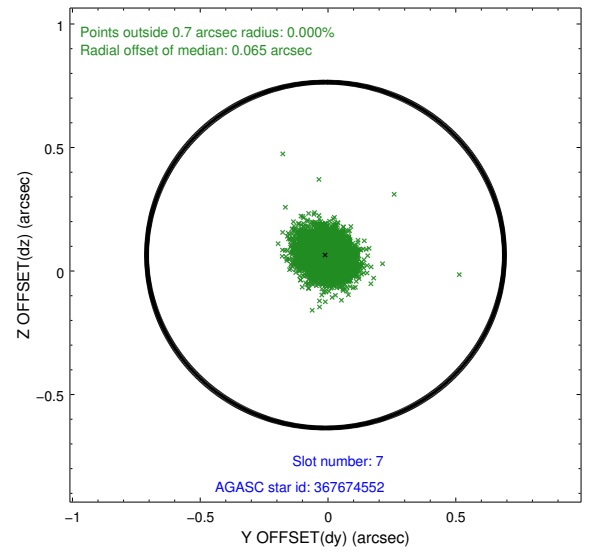
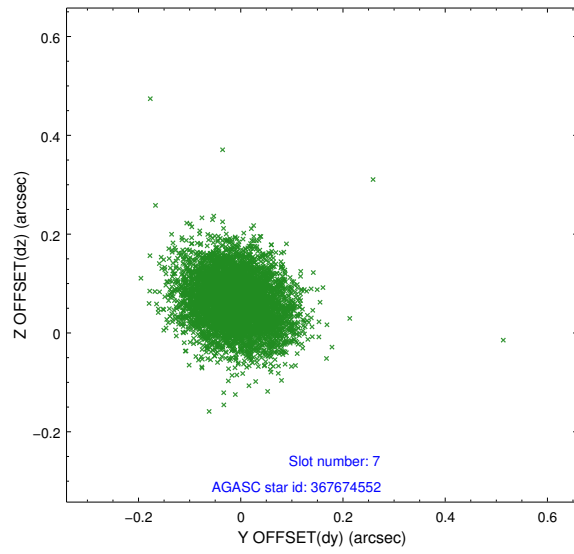
2.4.3 Slot 5



2.4.4 Slot 6

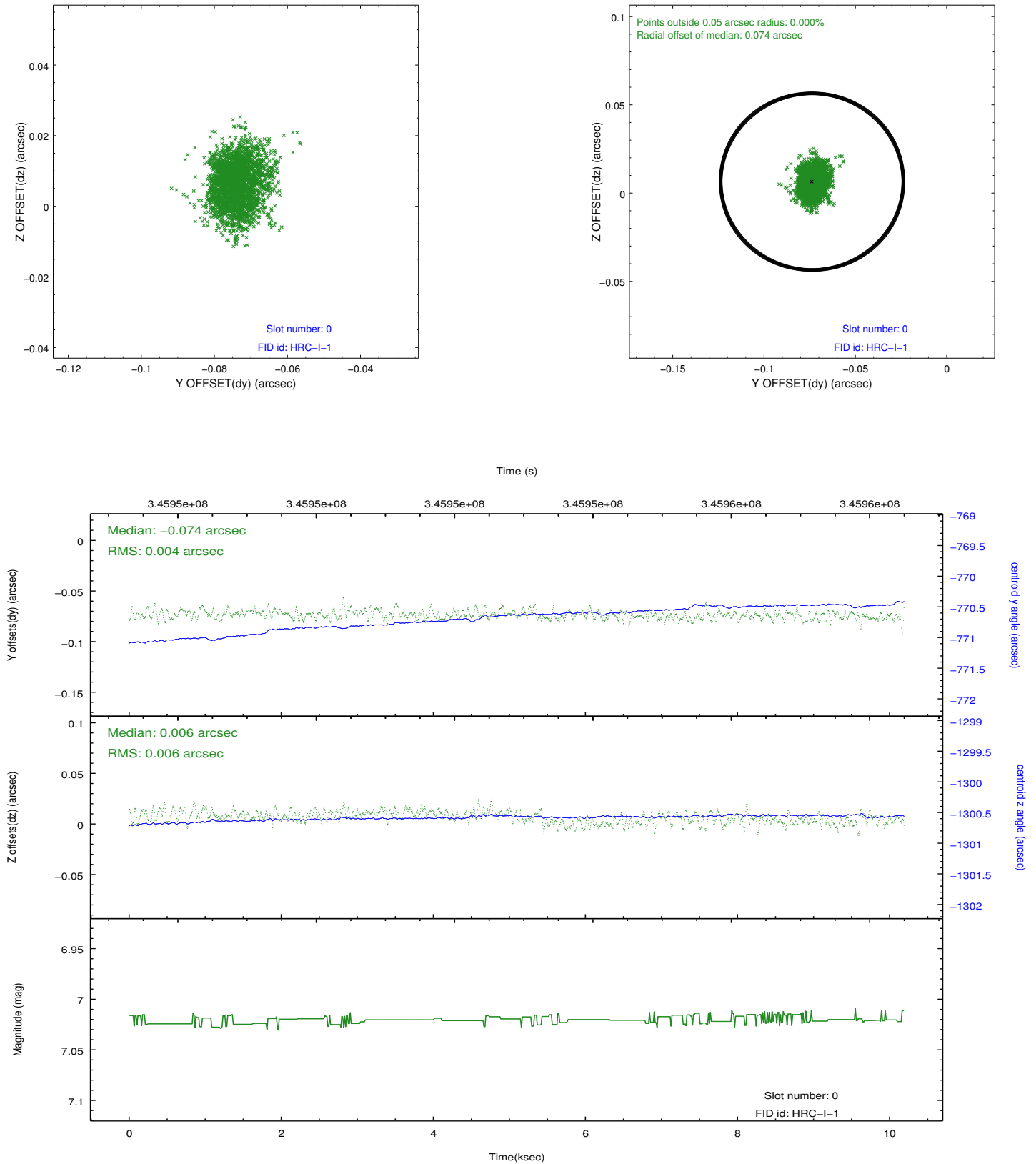


2.4.5 Slot 7

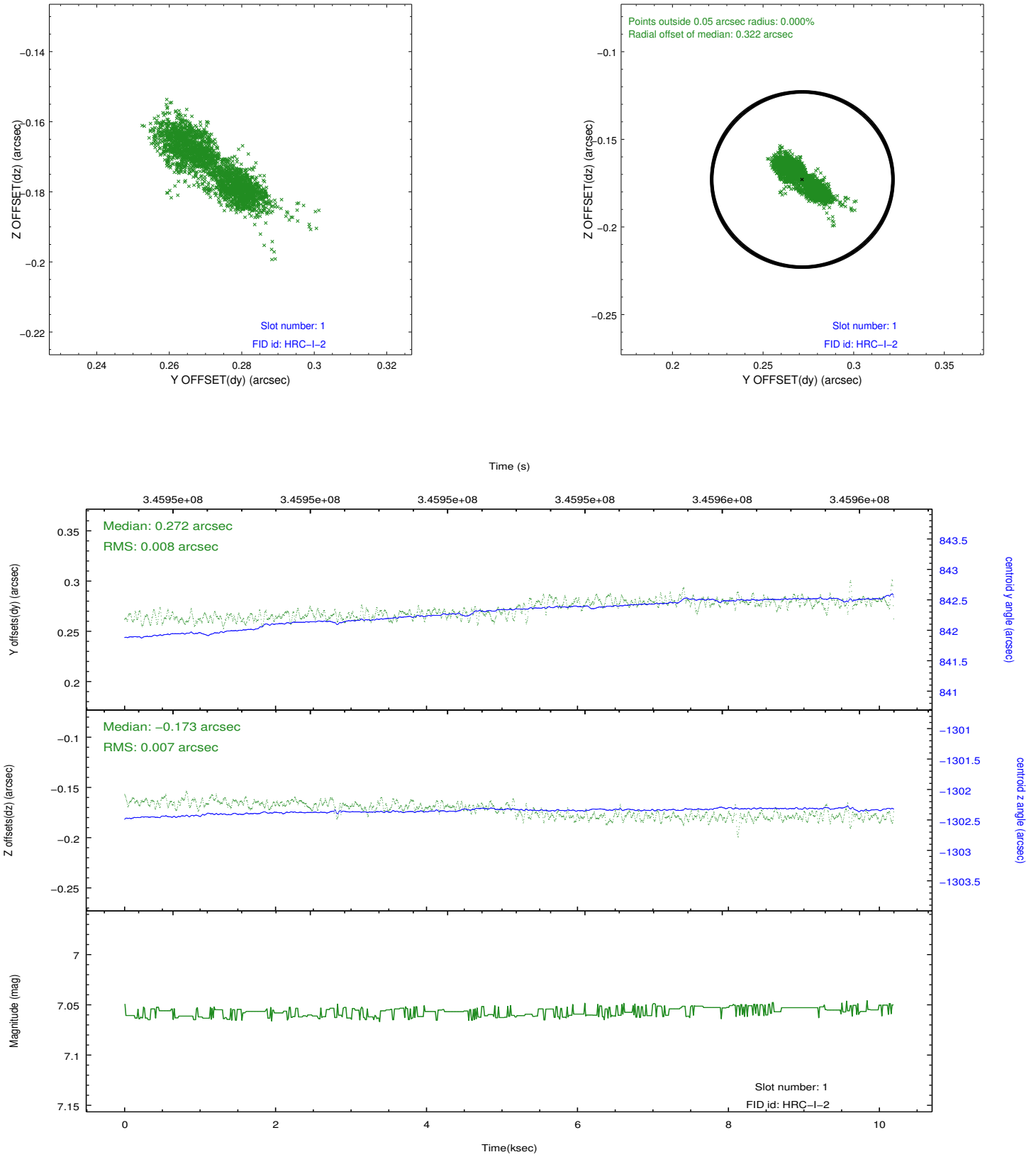


2.5 FID Slots

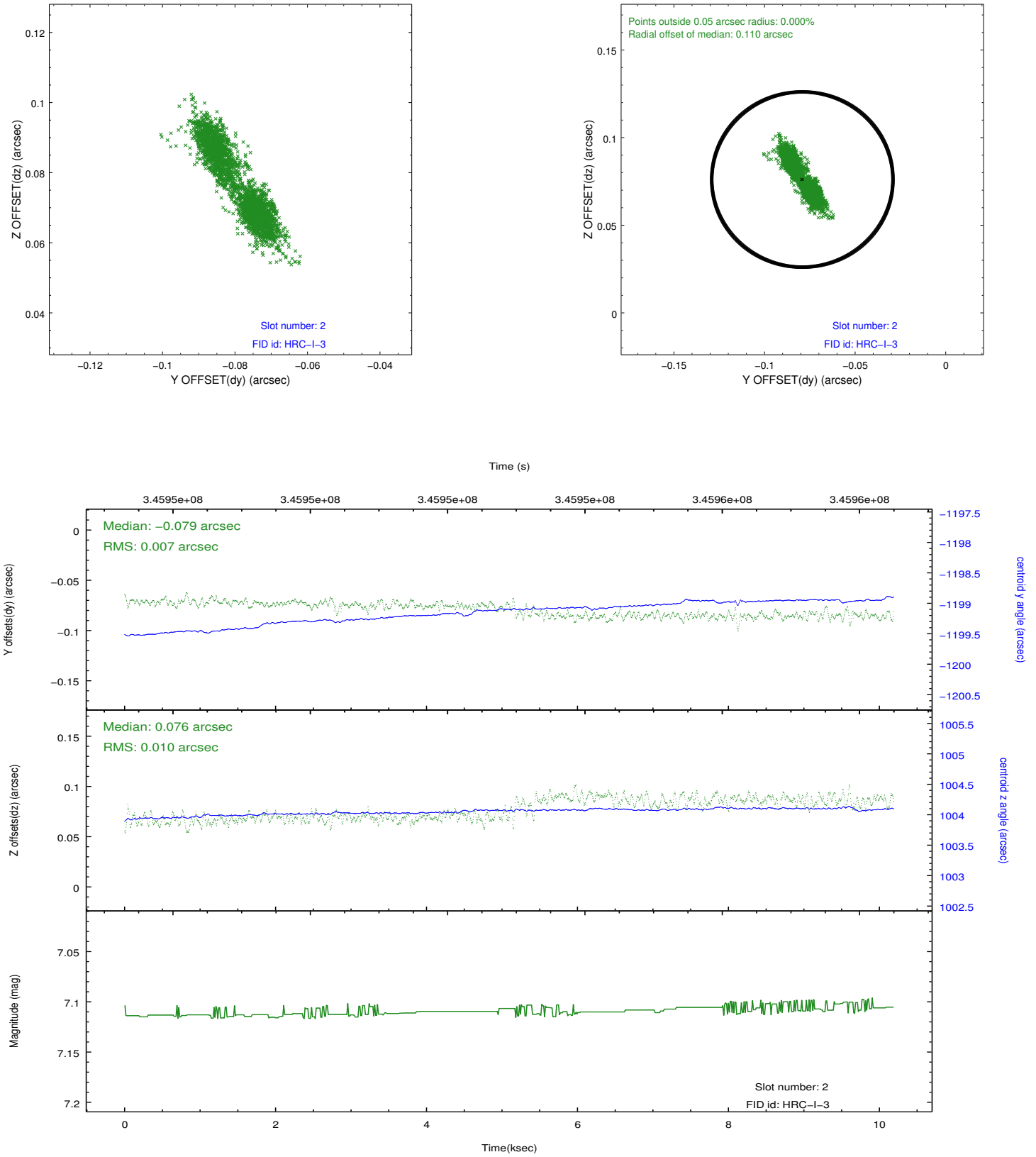
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1877317

A.2 Comments

Joint Proposal: CXO-XMM. Window constraint met.