

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13060 - L2 Version 3
Chandra X-Ray Center

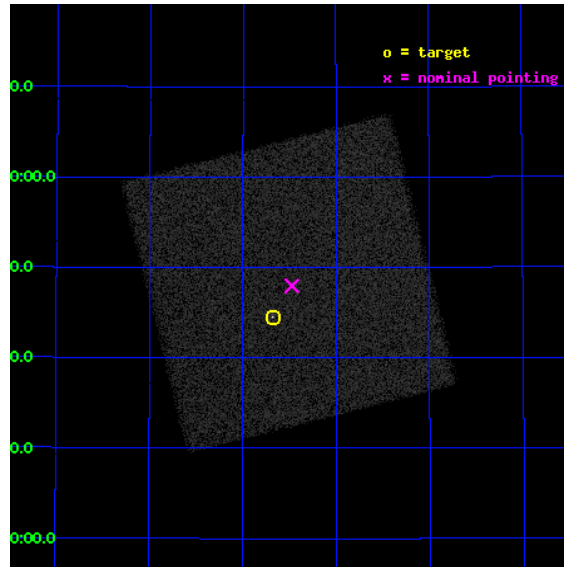
L2 Processing Date : Jul 27 2012

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1 Front

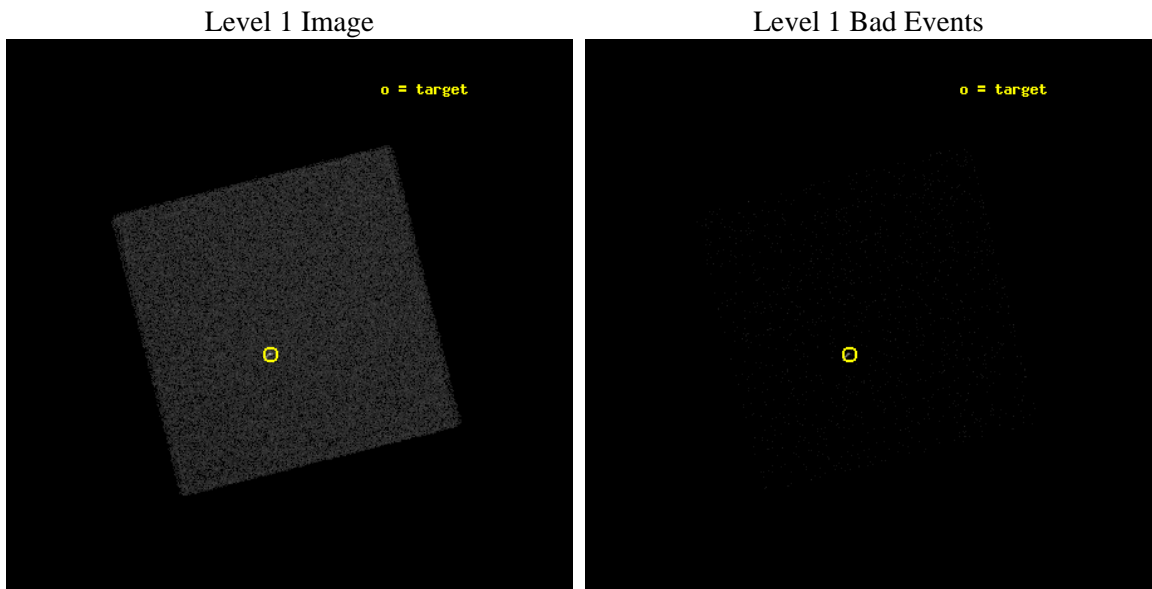
seq_num	290979	Sequence number
obs_id	13060	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11839259117	Nominal RA [deg]
dec_nom	45.799885491591	Nominal Dec [deg]
roll_nom	210.85163138123	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1182.0813120008	[s]
livetime	1170.7471597143	Ontime multiplied by DTCOR
l2events	82670	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	1182.0813120008	[s]
caldbver	4.5.1	 	l1events	144528	Number of level 1 events
date	2012-07-28T02:24:13	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

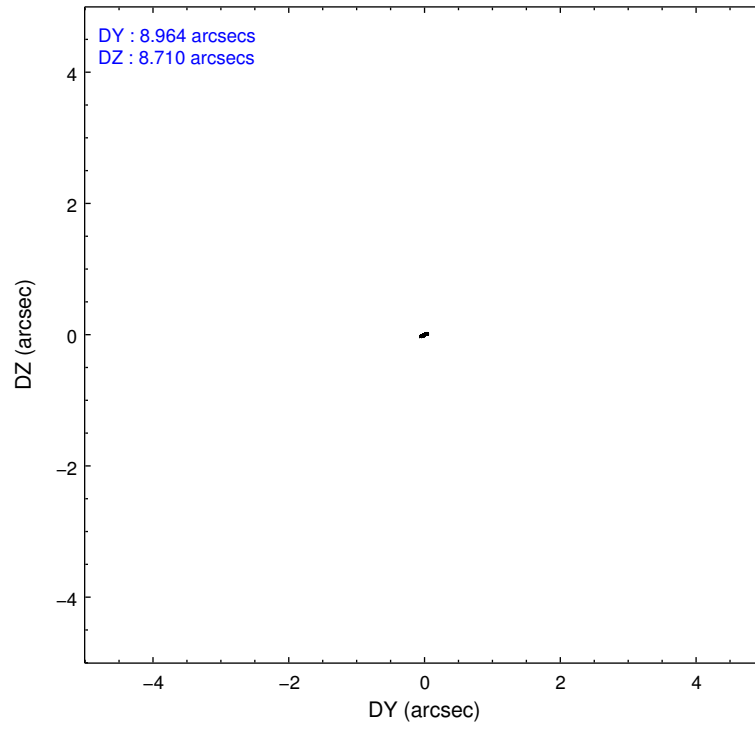
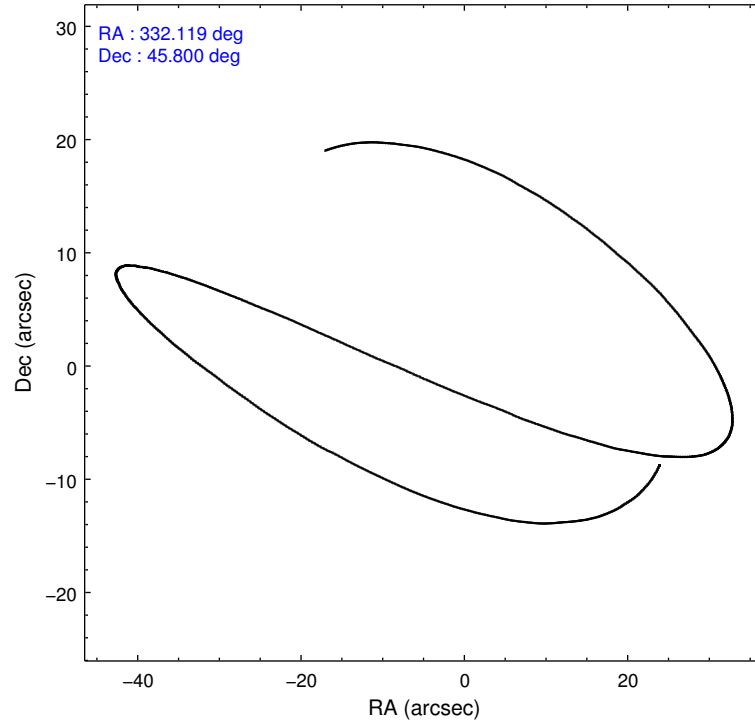
Level 1 Events

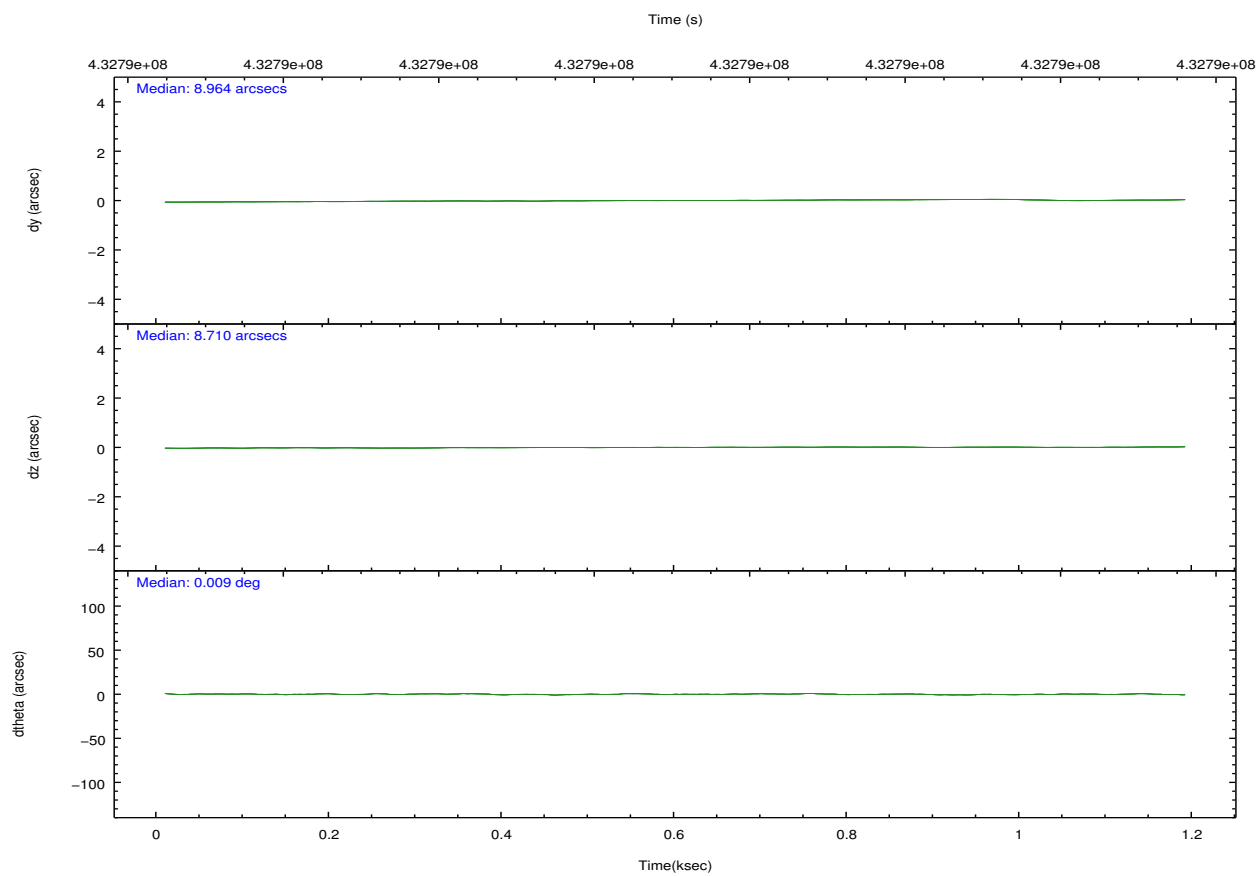
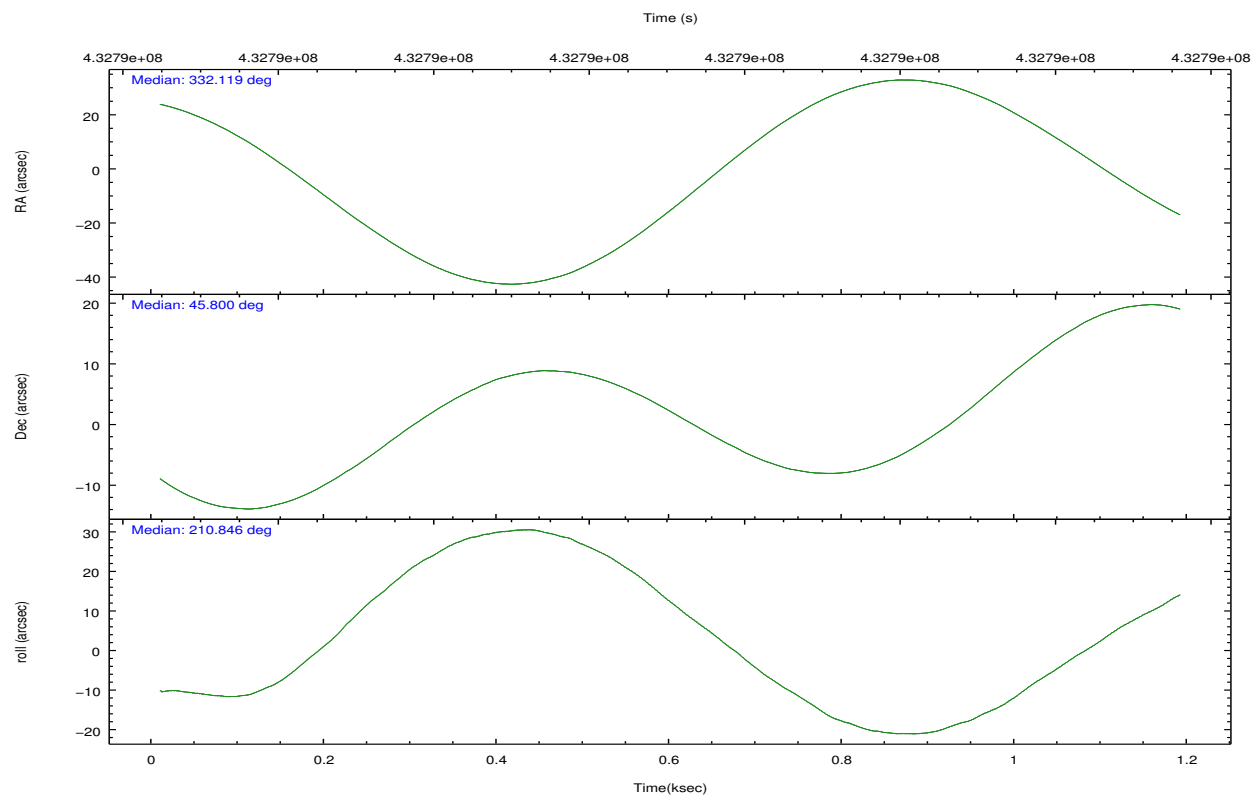
	segment 0
level 1 events	144528
rejected events	31435
rejected %	21%

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	332.136182	332.1183925911697			
[deg] Pointing Dec	45.824156	45.79988549159082			
[deg] Pointing Roll	210.934330	210.8516313812304			
[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)	432787905.184000	432787529.74861			
Observation start date	2011-09-19T02:50:39	2011-09-19T02:45:29			
[s] Observation end time (MET)	432788905.184000	432789039.57369			
Observation end date	2011-09-19T03:07:19	2011-09-19T03:10:39			

2.3 Aspect



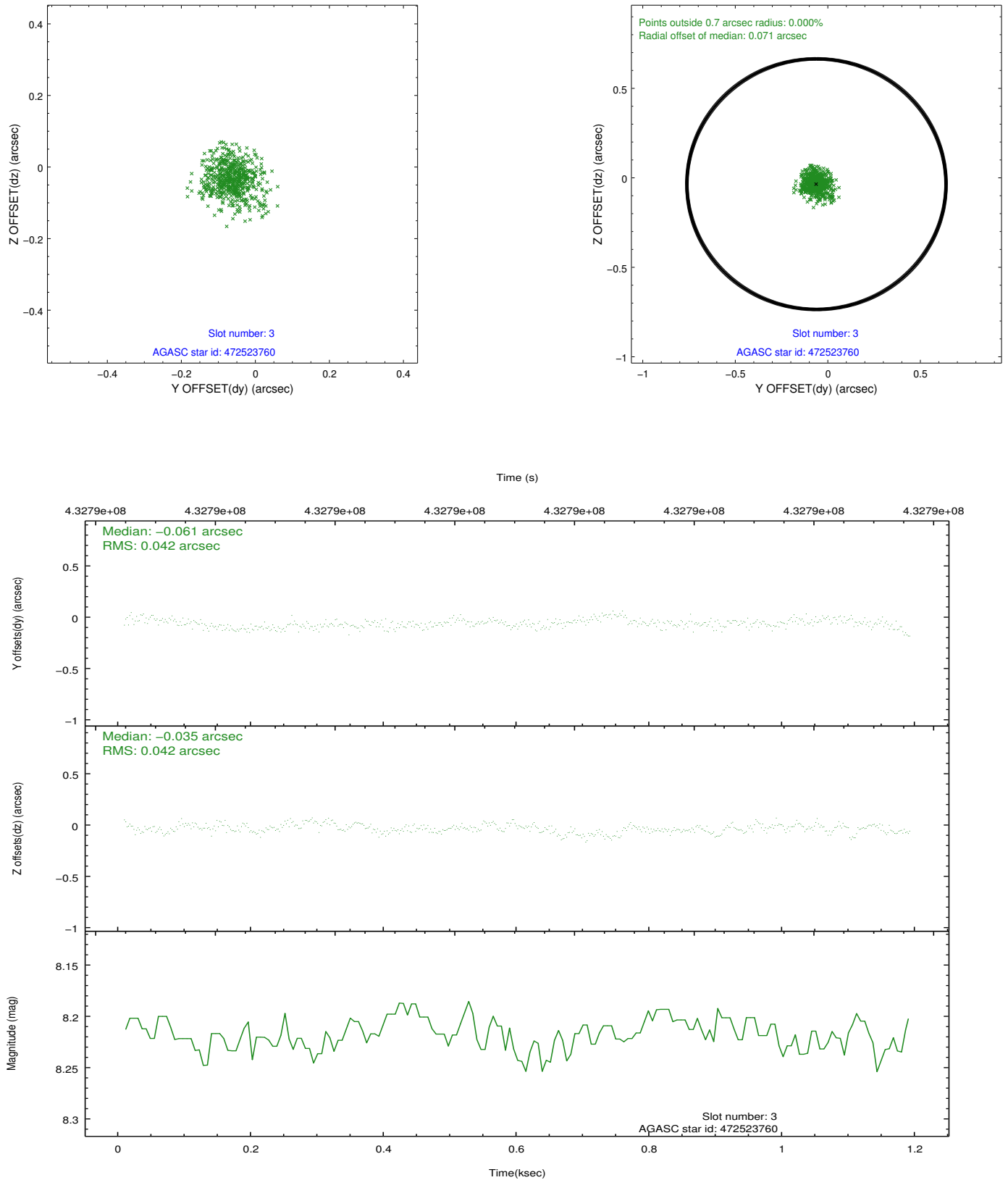


Slot Statistics

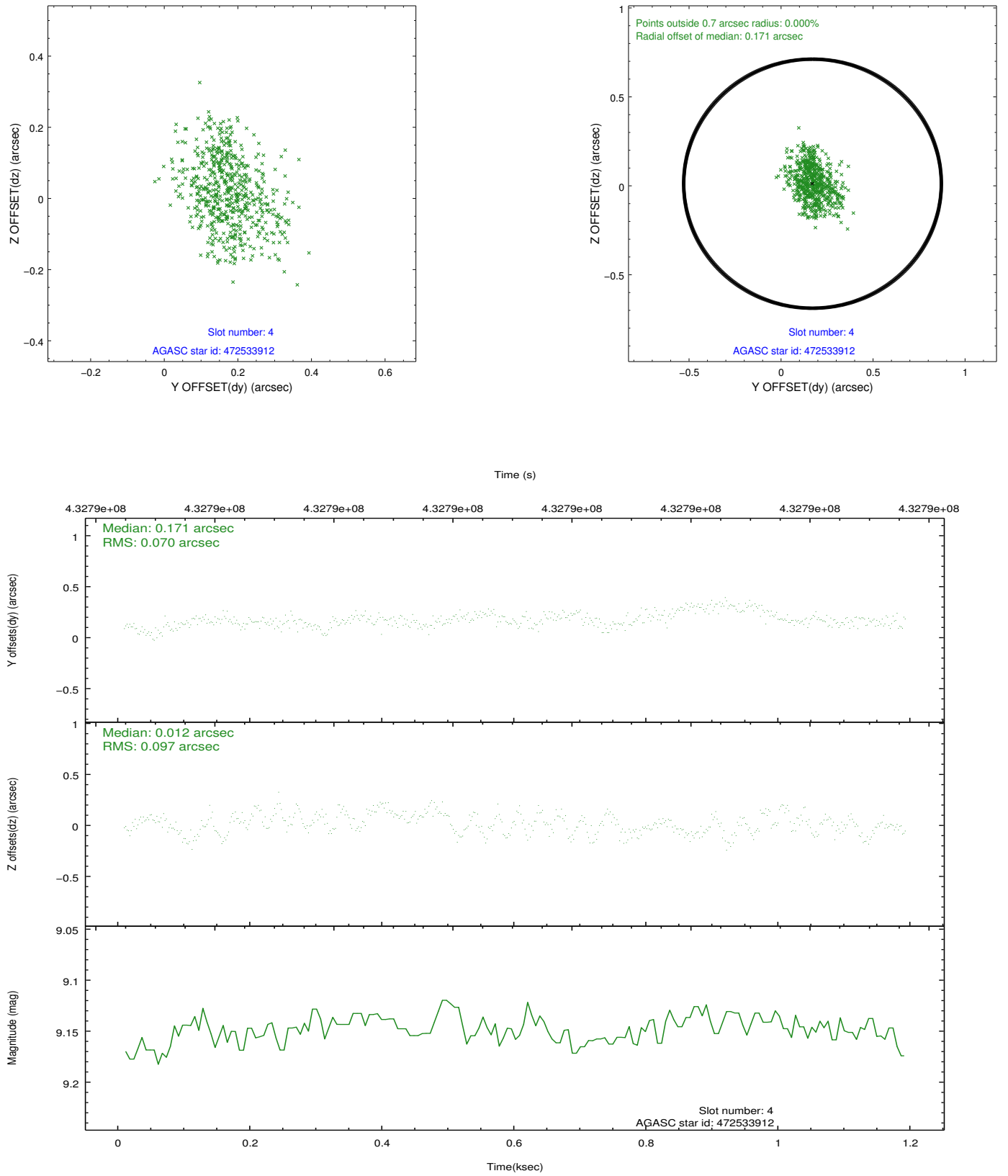
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	-0.043	0.033	0.007	0.011	0.000000	0.000000	-764.64	-1296.57
1	FID	HRC-I-2	6.99	289	0.230	-0.165	0.006	0.010	0.000000	0.000000	845.61	-1302.83
2	FID	HRC-I-3	7.04	289	-0.068	0.044	0.007	0.011	0.000000	0.000000	-1190.23	1003.50
3	GUIDE	472523760	8.22	578	-0.061	-0.035	0.063	0.105	331.645363	45.403260	1842.05	657.97
4	GUIDE	472533912	9.15	578	0.171	0.012	0.131	0.200	331.791136	46.368695	-268.98	-2123.45
5	GUIDE	472535576	7.85	578	-0.180	0.129	0.066	0.114	331.438373	46.291802	620.13	-2347.26
6	GUIDE	472655152	9.41	574	-0.026	-0.193	0.118	0.188	332.504239	45.862991	-862.53	347.43
7	GUIDE	472665256	9.01	576	0.095	0.098	0.100	0.159	332.808125	46.195041	-2126.66	-291.01

2.4 Star Slots

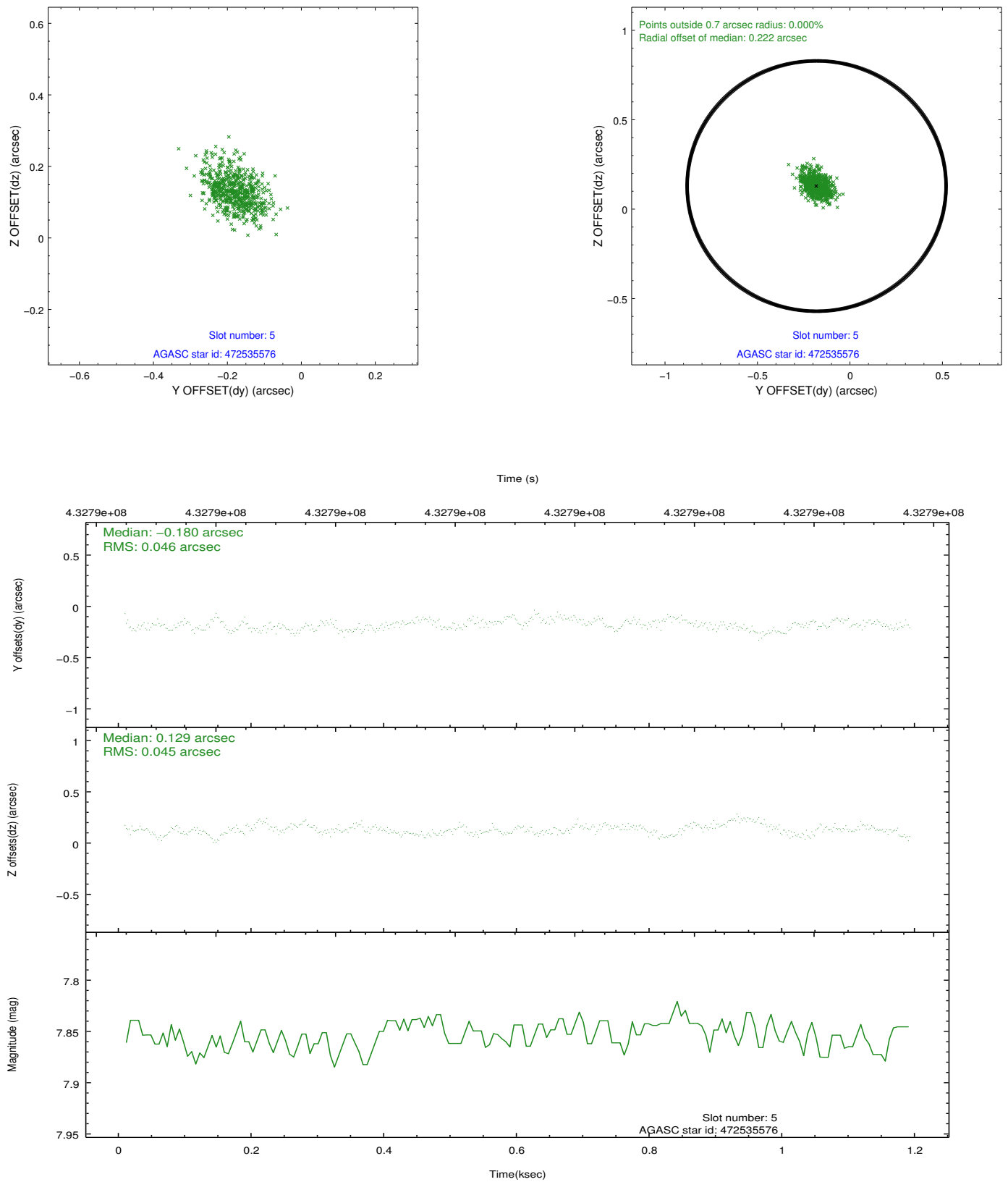
2.4.1 Slot 3



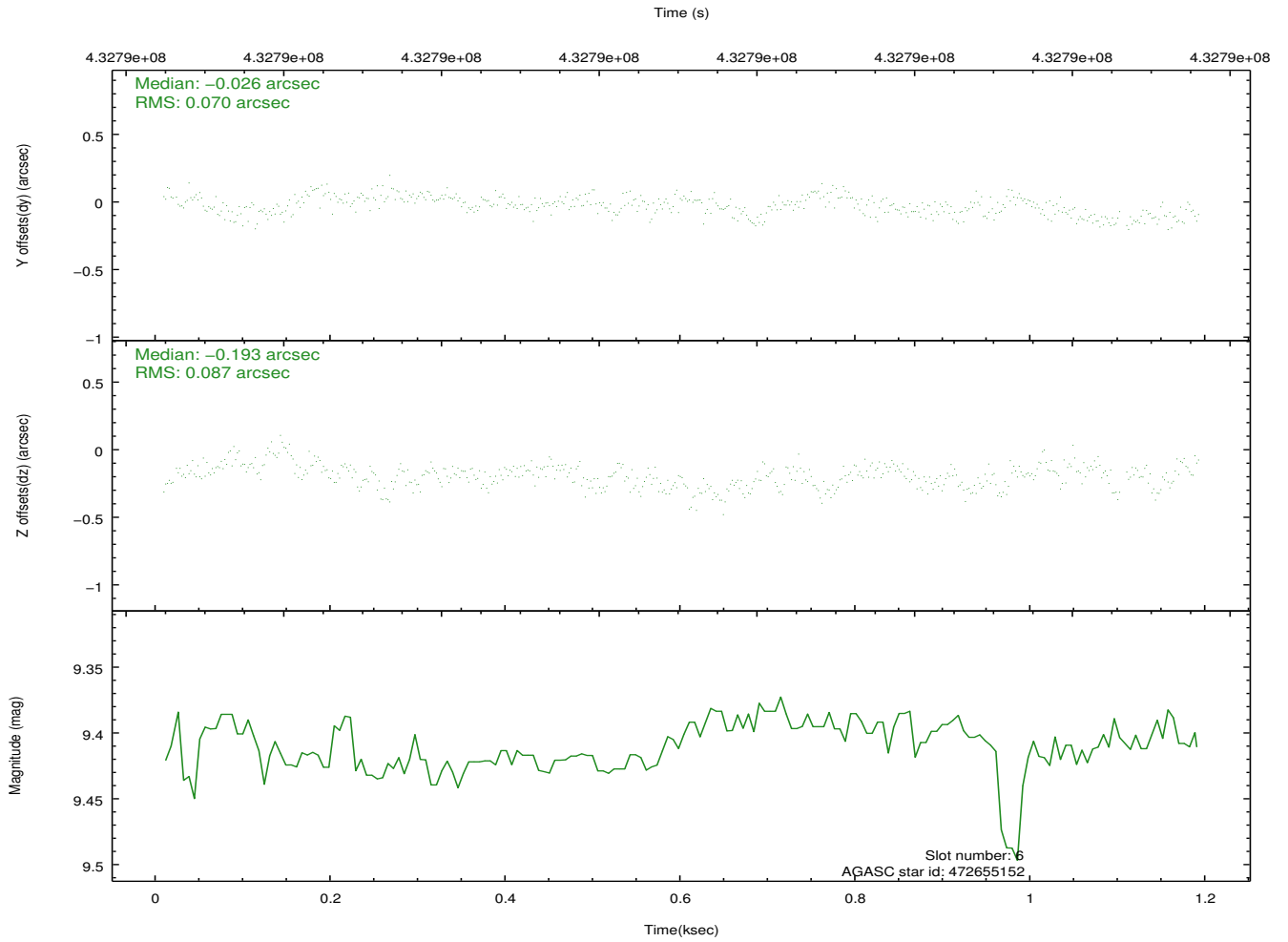
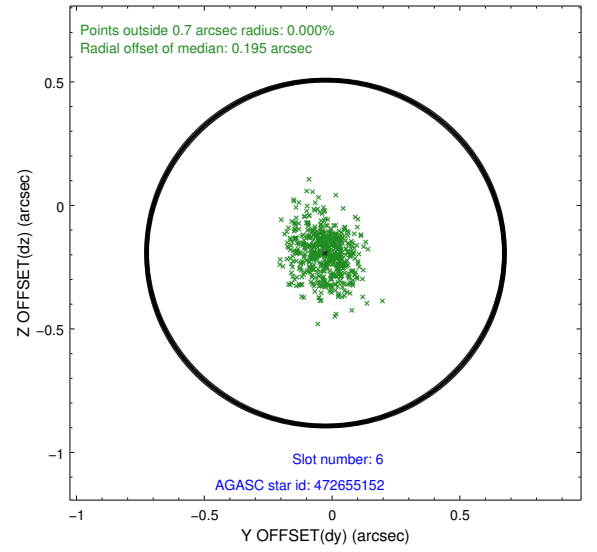
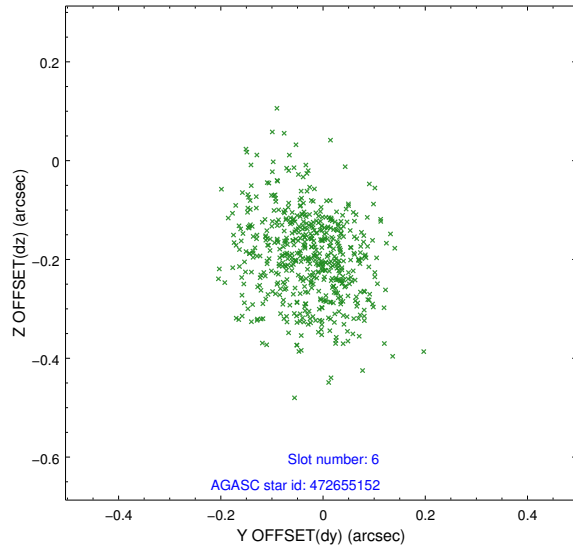
2.4.2 Slot 4



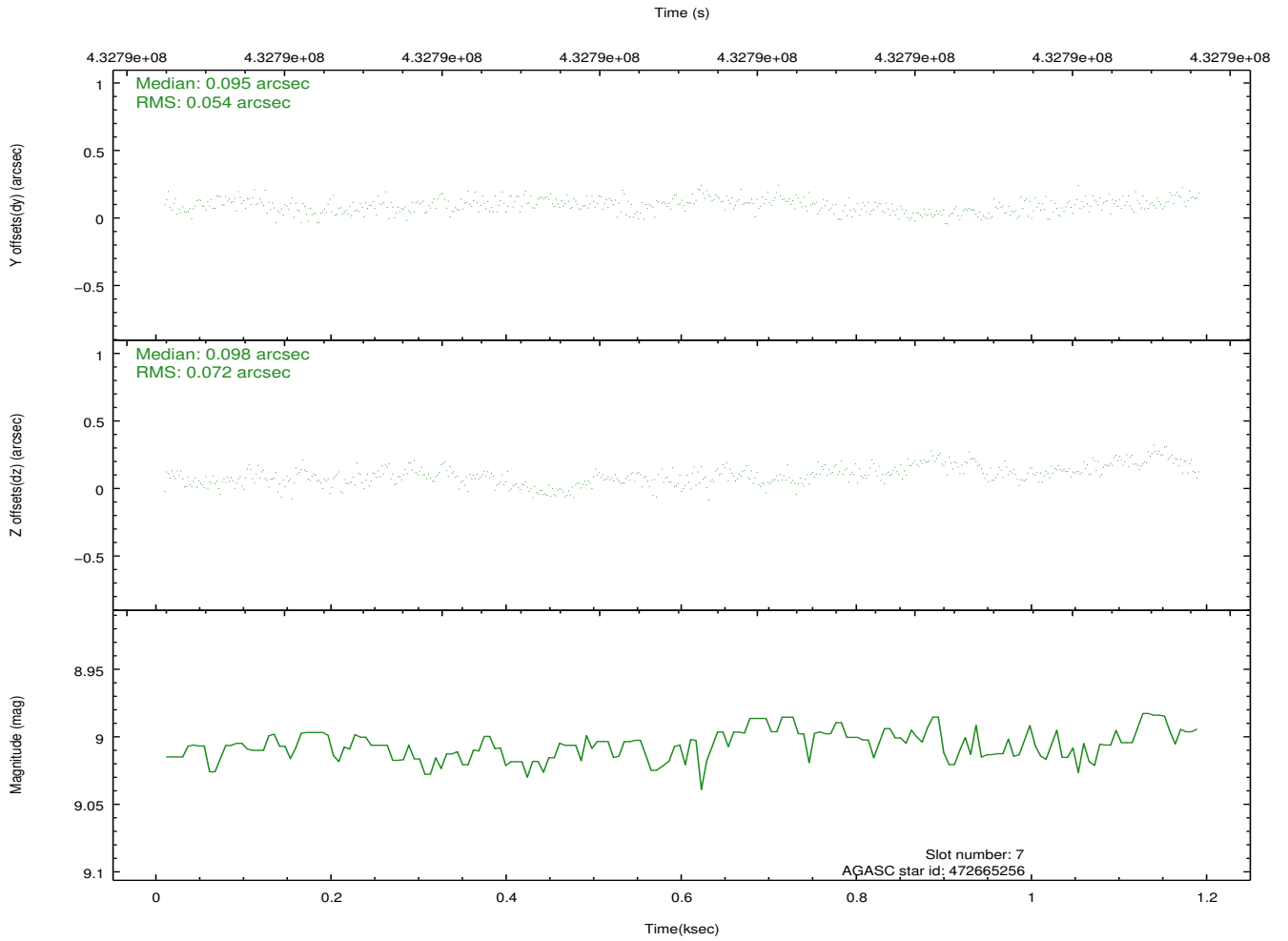
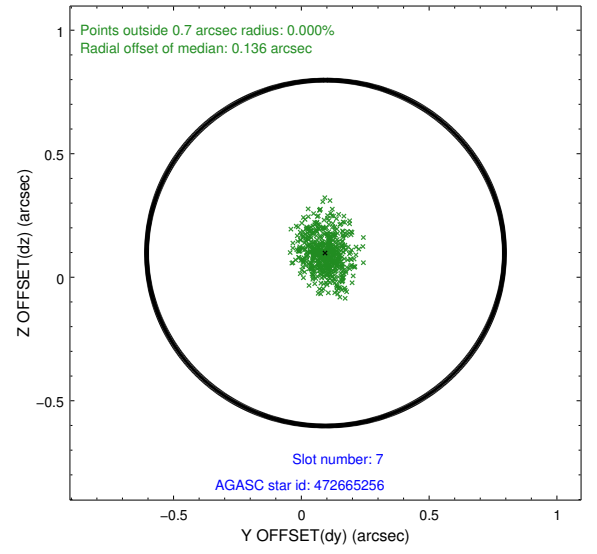
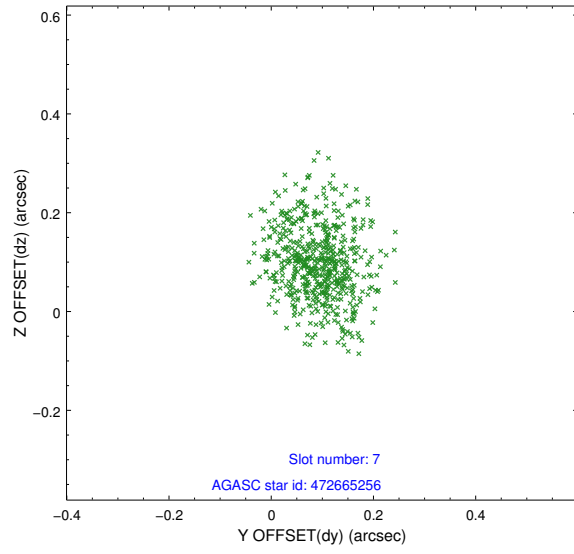
2.4.3 Slot 5



2.4.4 Slot 6

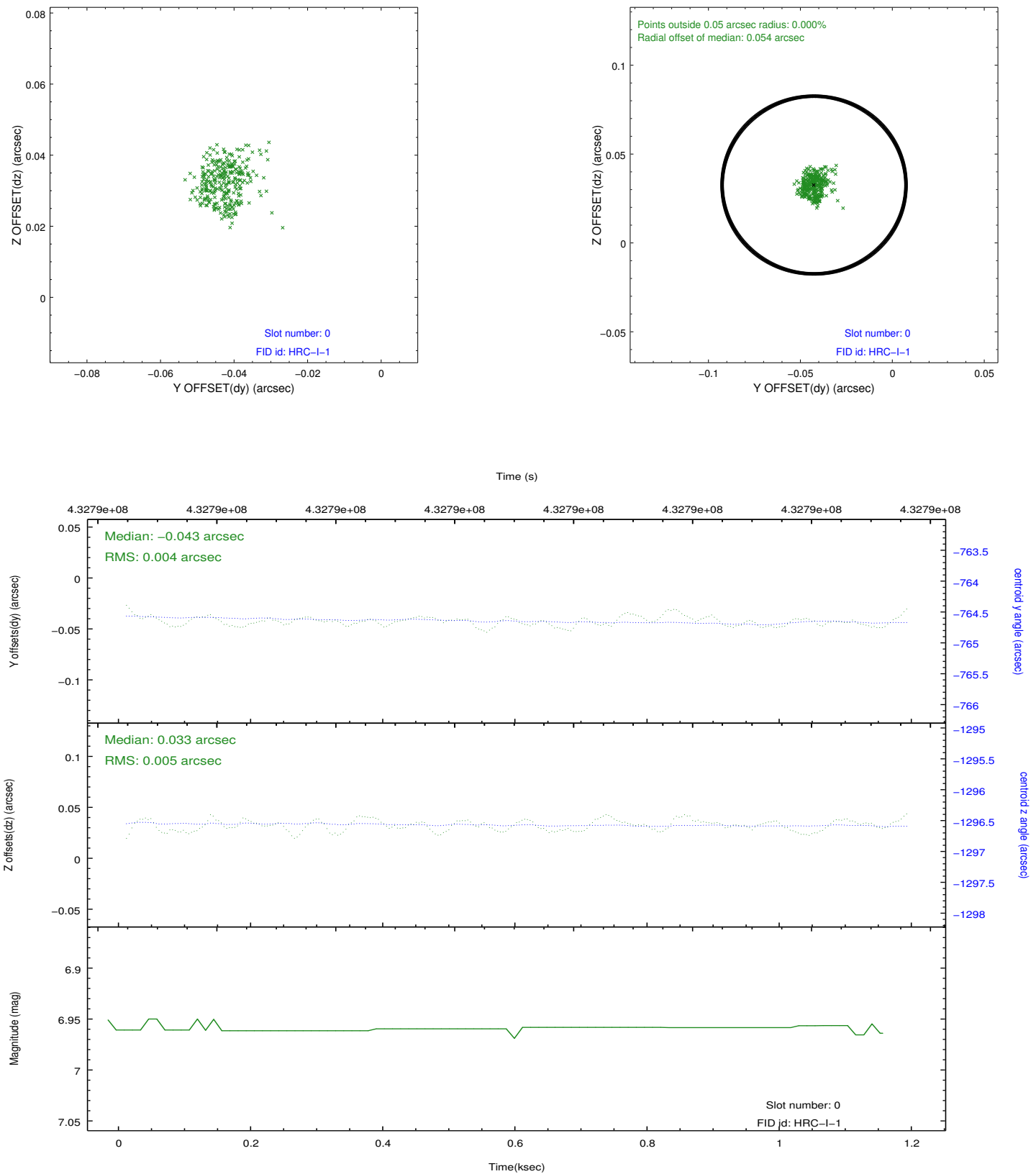


2.4.5 Slot 7

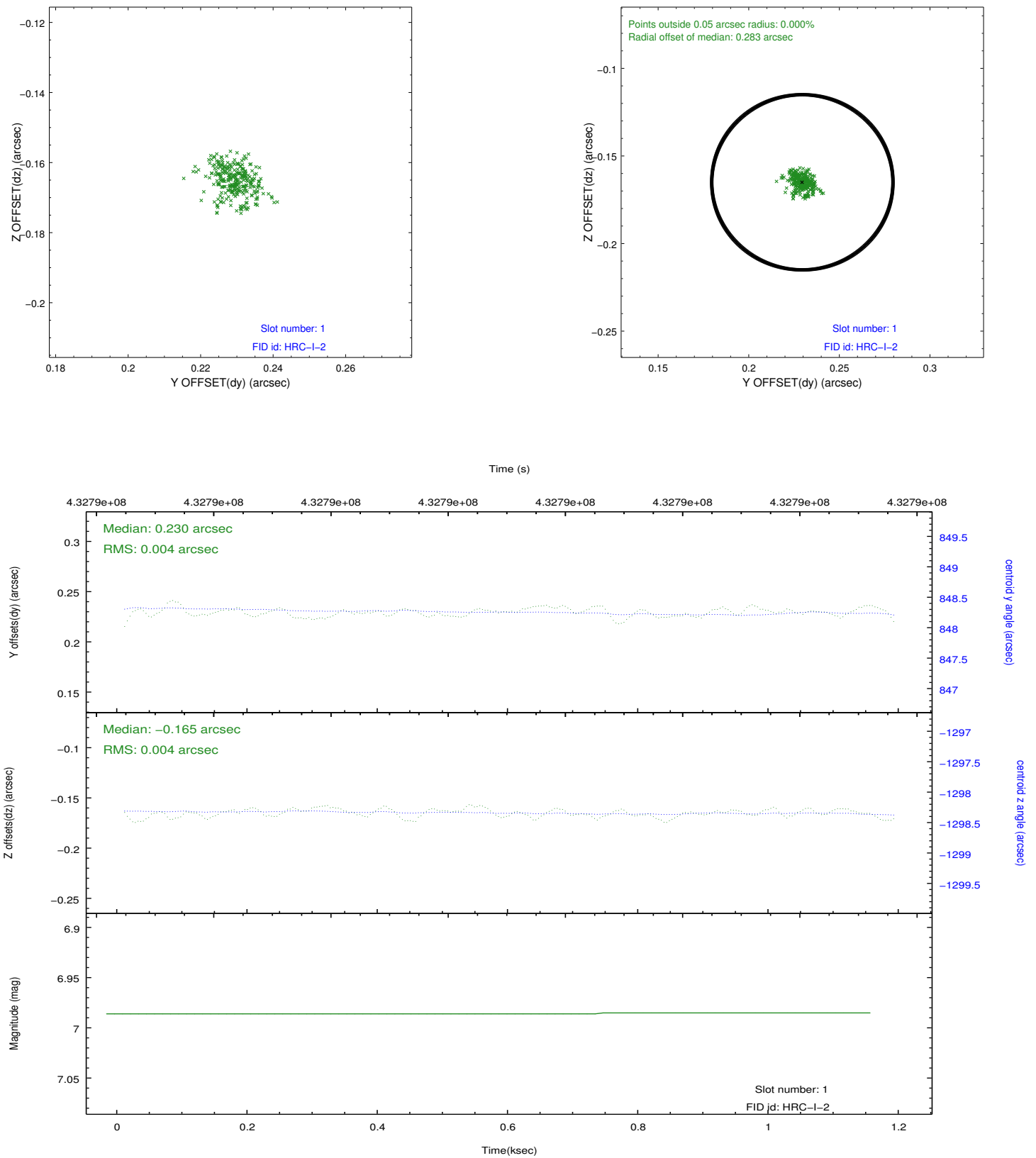


2.5 FID Slots

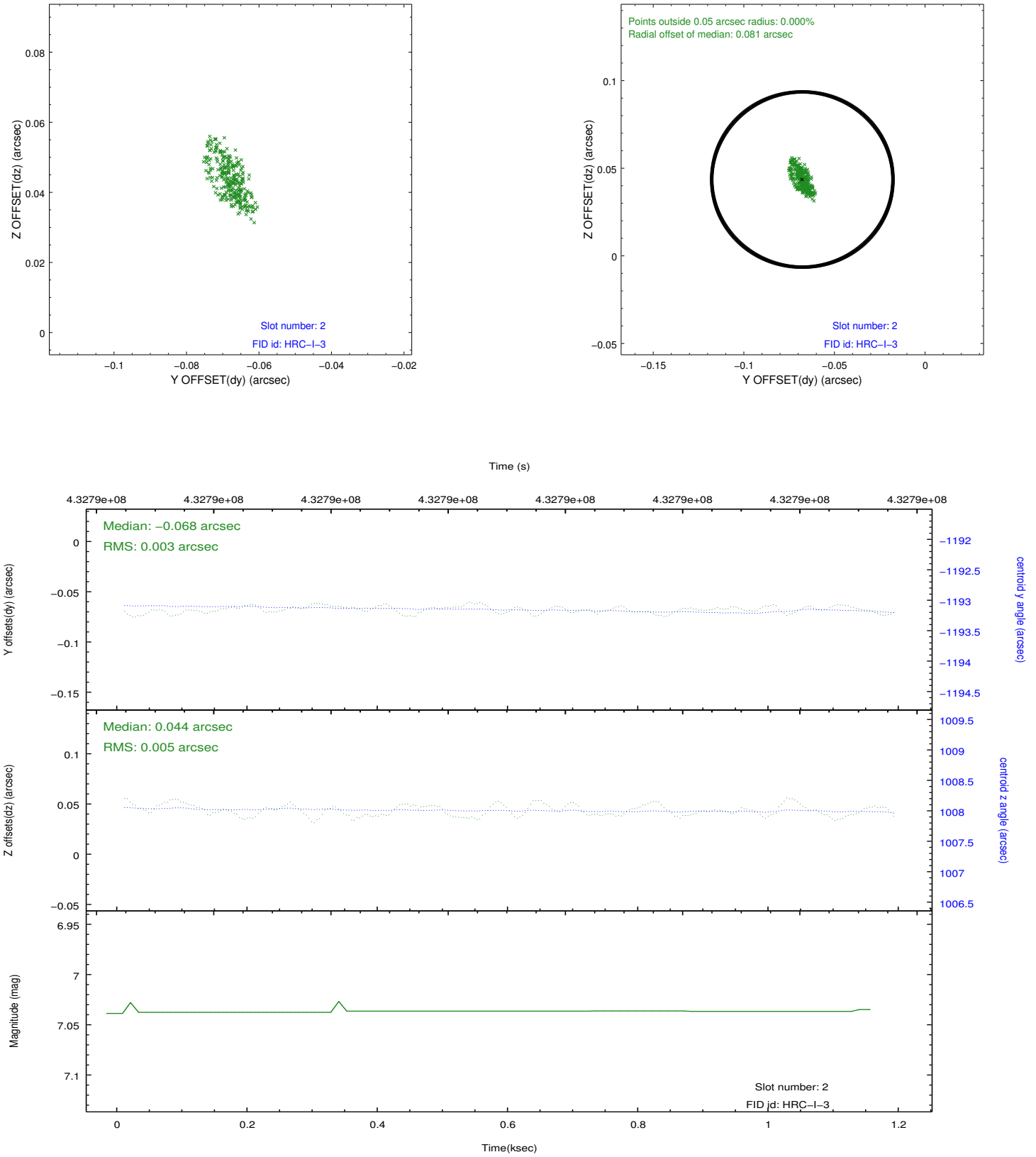
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250619769

A.2 Comments