

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13061 - L2 Version 3
Chandra X-Ray Center

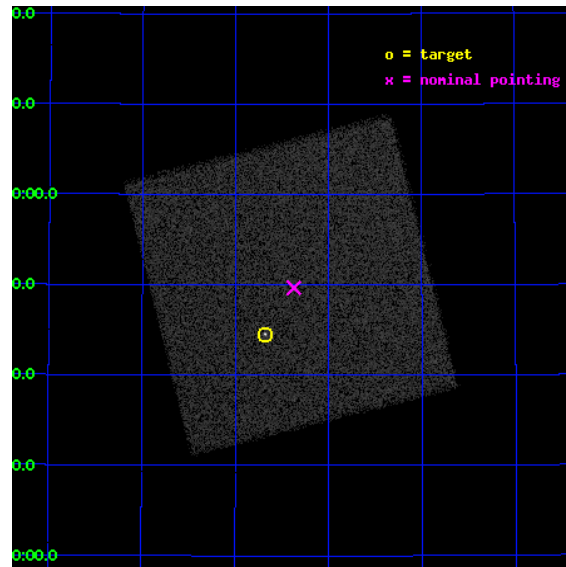
L2 Processing Date : Jul 27 2012

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1 Front

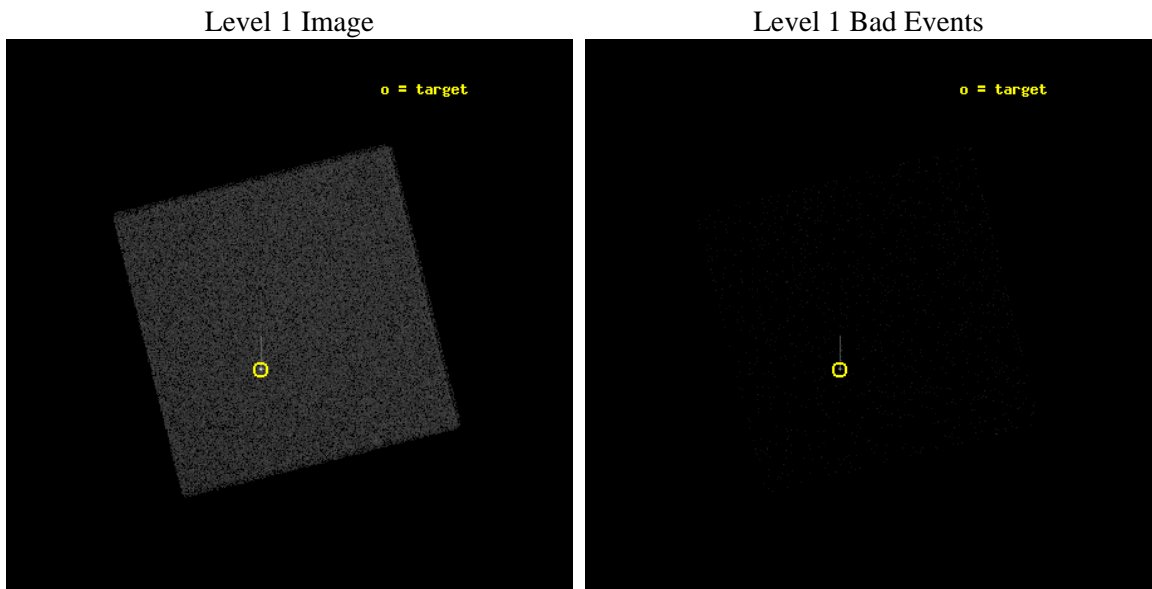
seq_num	290980	Sequence number
obs_id	13061	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09322934601	Nominal RA [deg]
dec_nom	45.827942414052	Nominal Dec [deg]
roll_nom	210.89172289289	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1186.1813122034	[s]
livetime	1174.8082089171	Ontime multiplied by DTCOR
l2events	83111	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	1186.1813122034	[s]
caldbver	4.5.1	 	l1events	144031	Number of level 1 events
date	2012-07-28T02:24:32	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

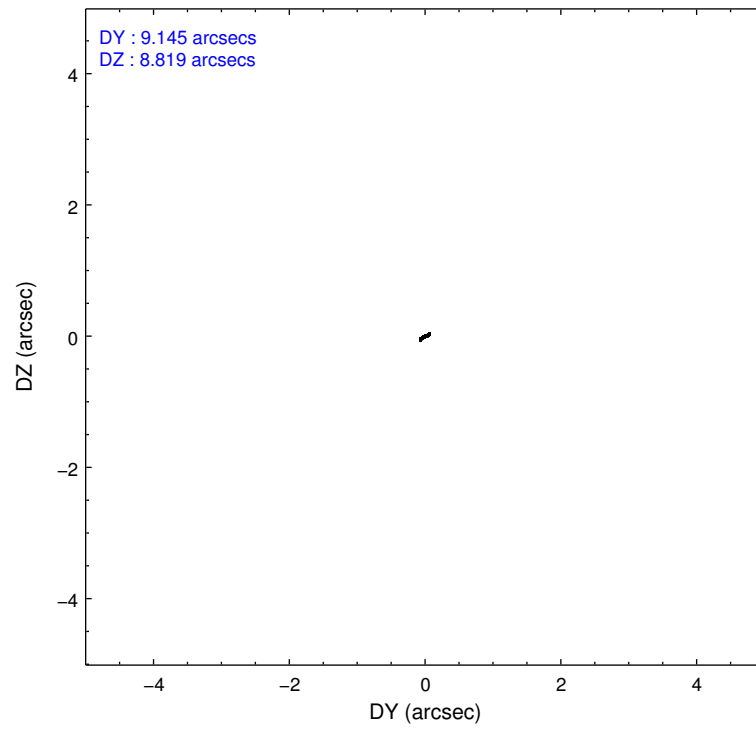
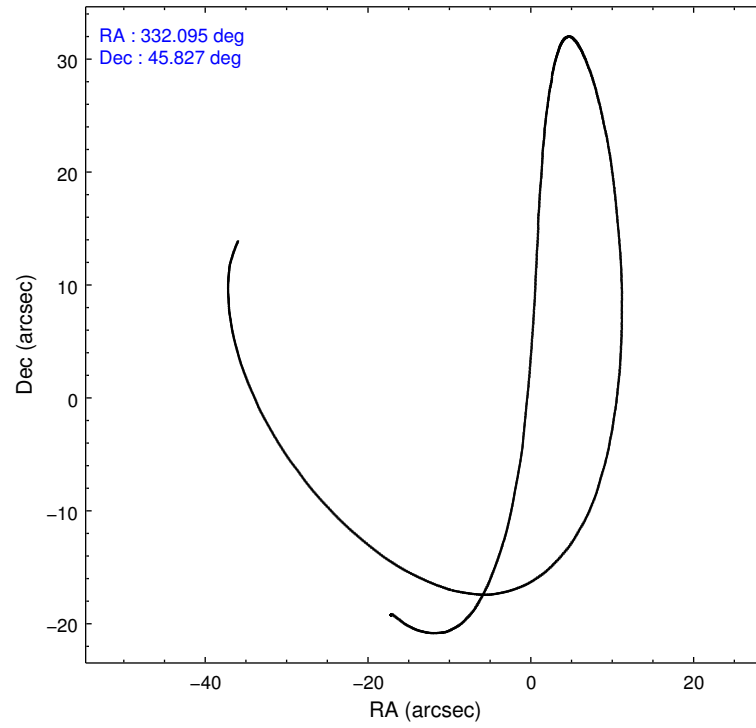
Level 1 Events

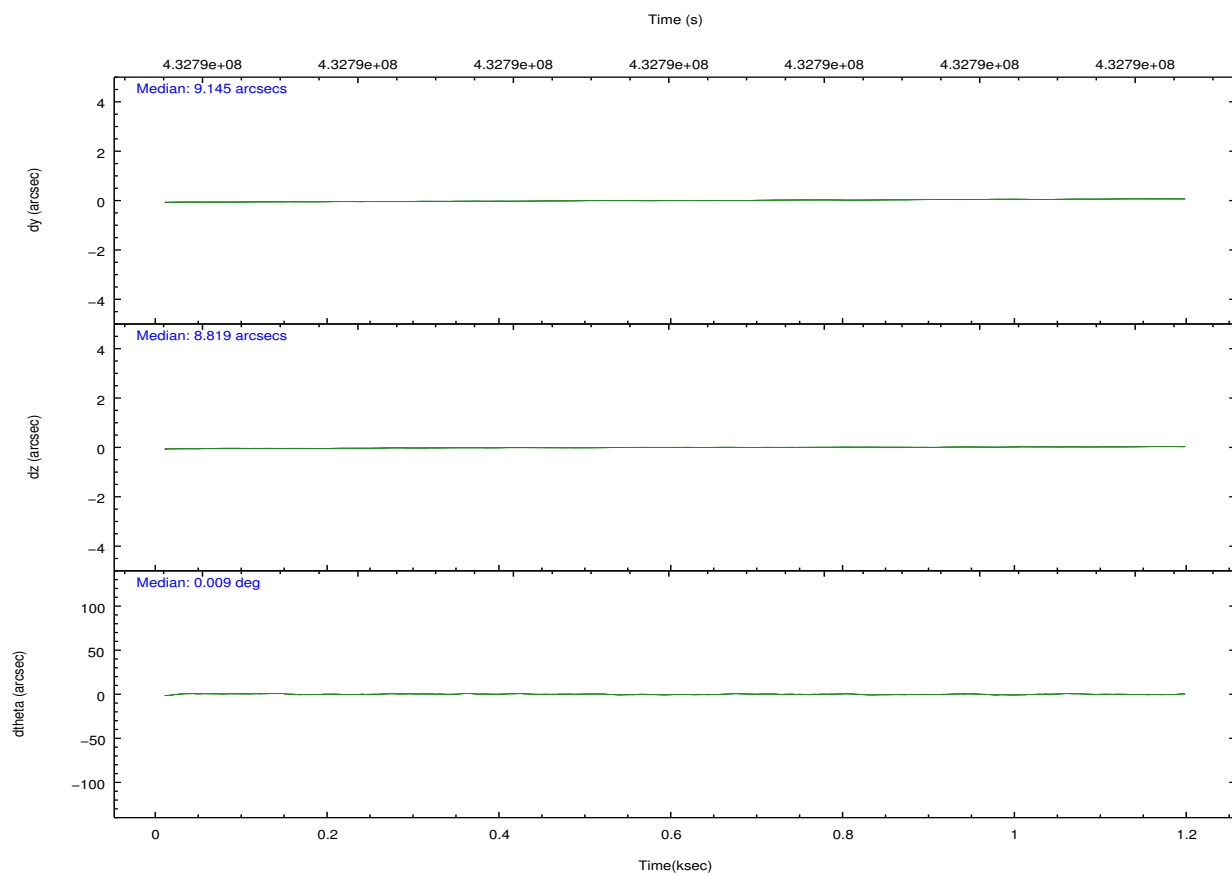
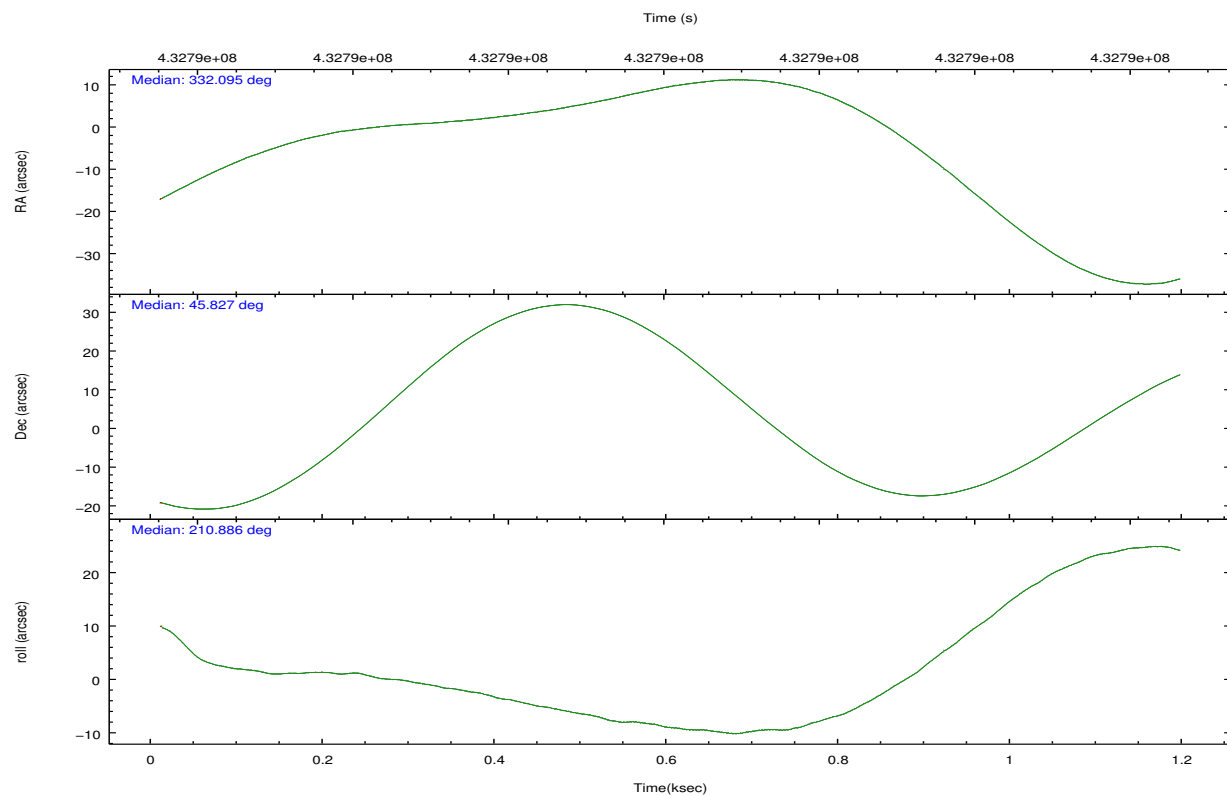
	segment 0
level 1 events	144031
rejected events	30765
rejected %	21%

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	332.111525	332.093229346013			
[deg] Pointing Dec	45.852723	45.82794241405181			
[deg] Pointing Roll	210.974062	210.8917228928905			
[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)	432789415.184000	432789039.57369			
Observation start date	2011-09-19T03:15:49	2011-09-19T03:10:39			
[s] Observation end time (MET)	432790415.184000	432790549.39877			
Observation end date	2011-09-19T03:32:29	2011-09-19T03:35:49			

2.3 Aspect



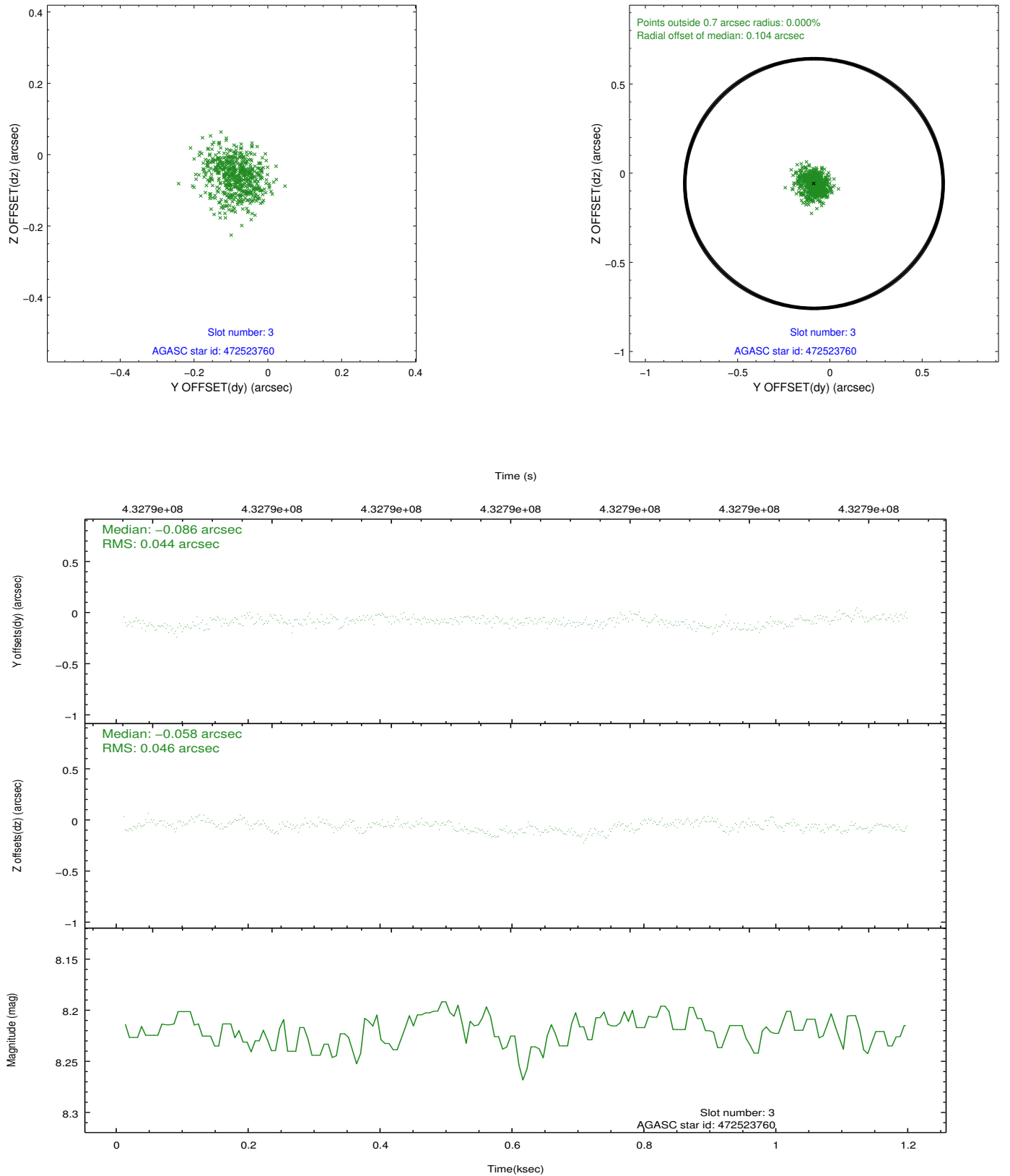


Slot Statistics

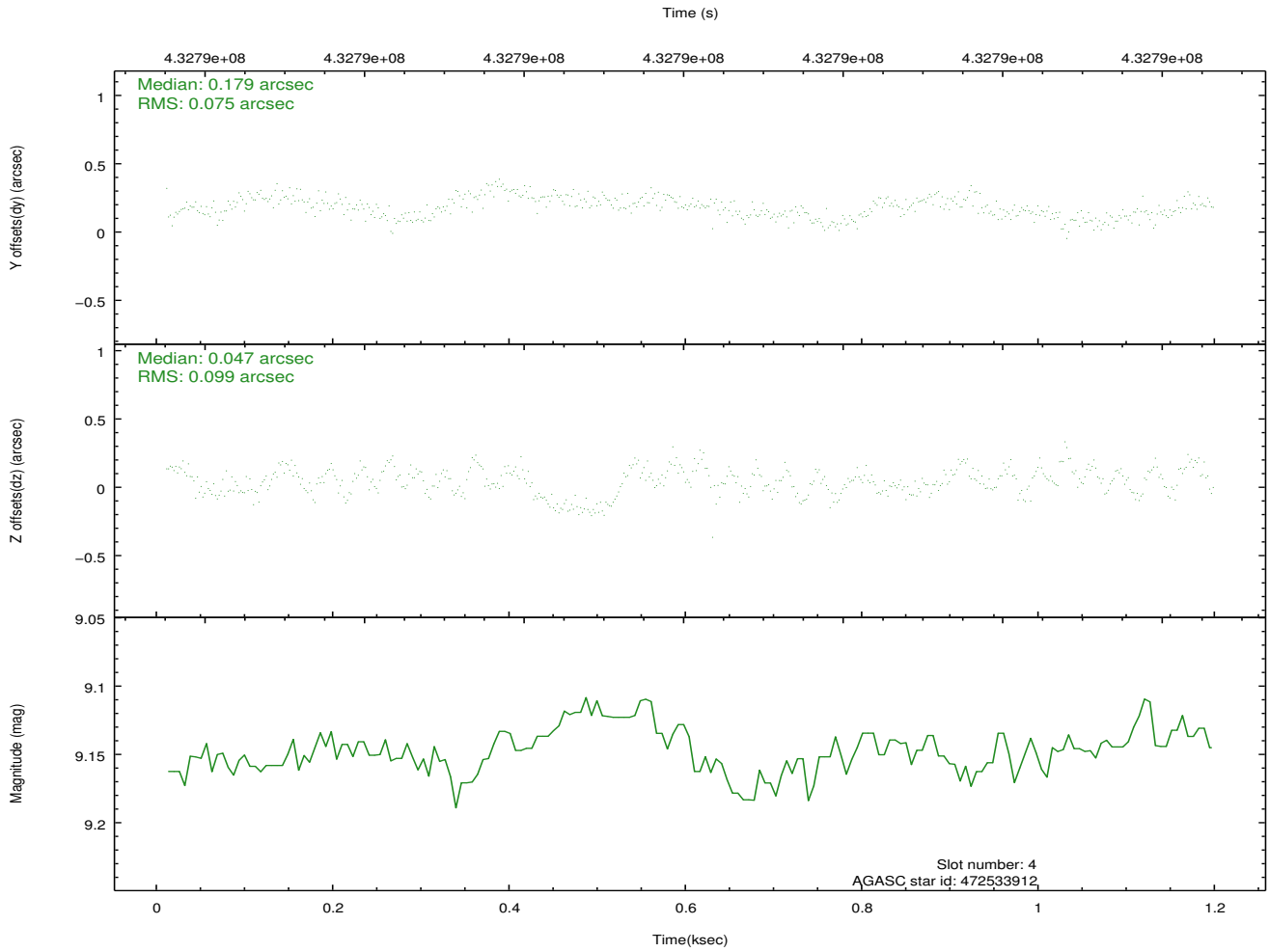
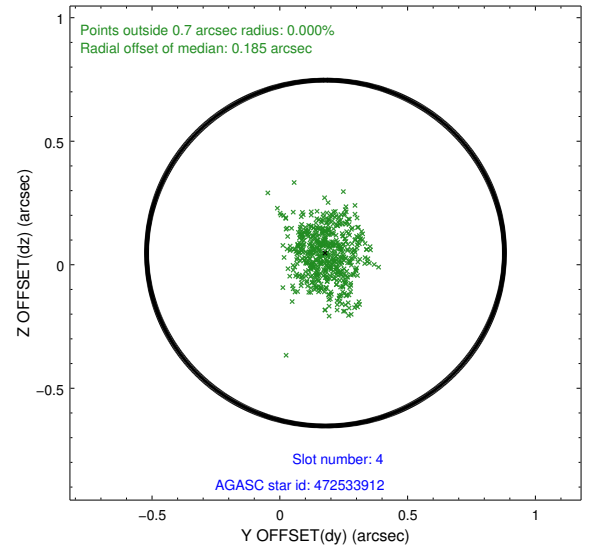
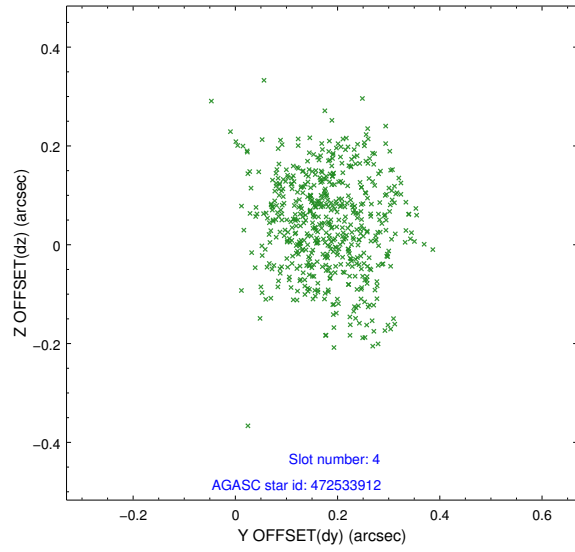
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	290	-0.043	0.041	0.006	0.010	0.000000	0.000000	-764.84	-1296.67
1	FID	HRC-I-2	6.99	290	0.218	-0.154	0.006	0.012	0.000000	0.000000	845.42	-1302.91
2	FID	HRC-I-3	7.04	290	-0.056	0.023	0.006	0.013	0.000000	0.000000	-1190.42	1003.38
3	GUIDE	472523760	8.22	580	-0.086	-0.058	0.069	0.109	331.645363	45.403260	1840.13	776.30
4	GUIDE	472533912	9.15	580	0.179	0.047	0.135	0.216	331.791136	46.368695	-271.98	-2004.03
5	GUIDE	472535576	7.85	580	-0.163	0.093	0.084	0.133	331.438373	46.291802	617.07	-2228.24
6	GUIDE	472655152	9.40	579	-0.044	-0.154	0.167	0.279	332.504239	45.862991	-864.56	467.15
7	GUIDE	472665256	9.01	579	0.120	0.092	0.088	0.153	332.808125	46.195041	-2128.89	-170.87

2.4 Star Slots

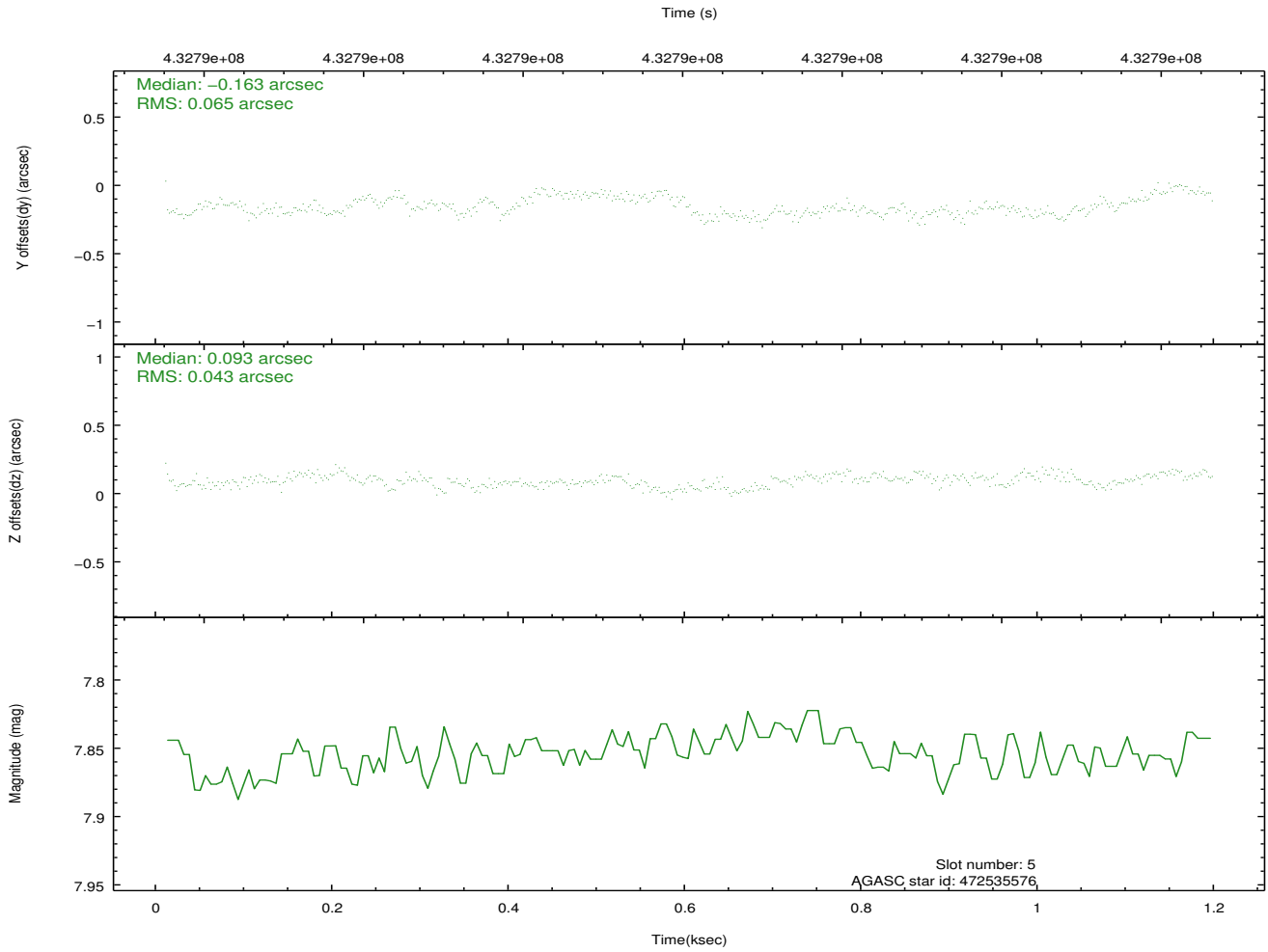
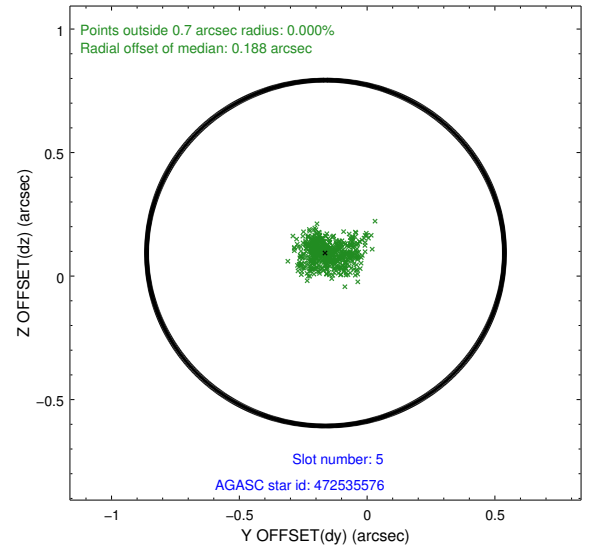
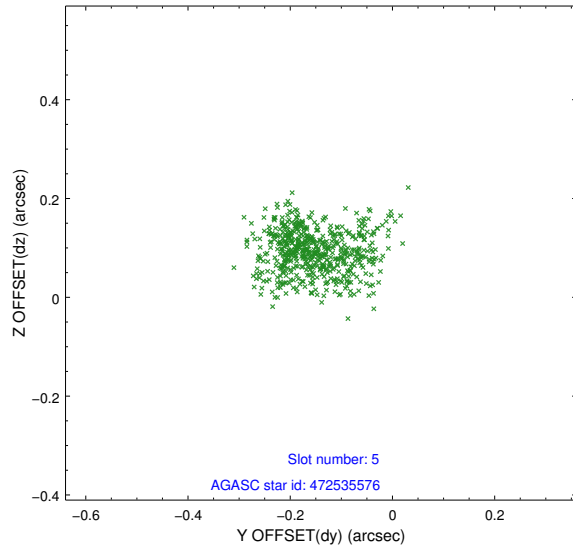
2.4.1 Slot 3



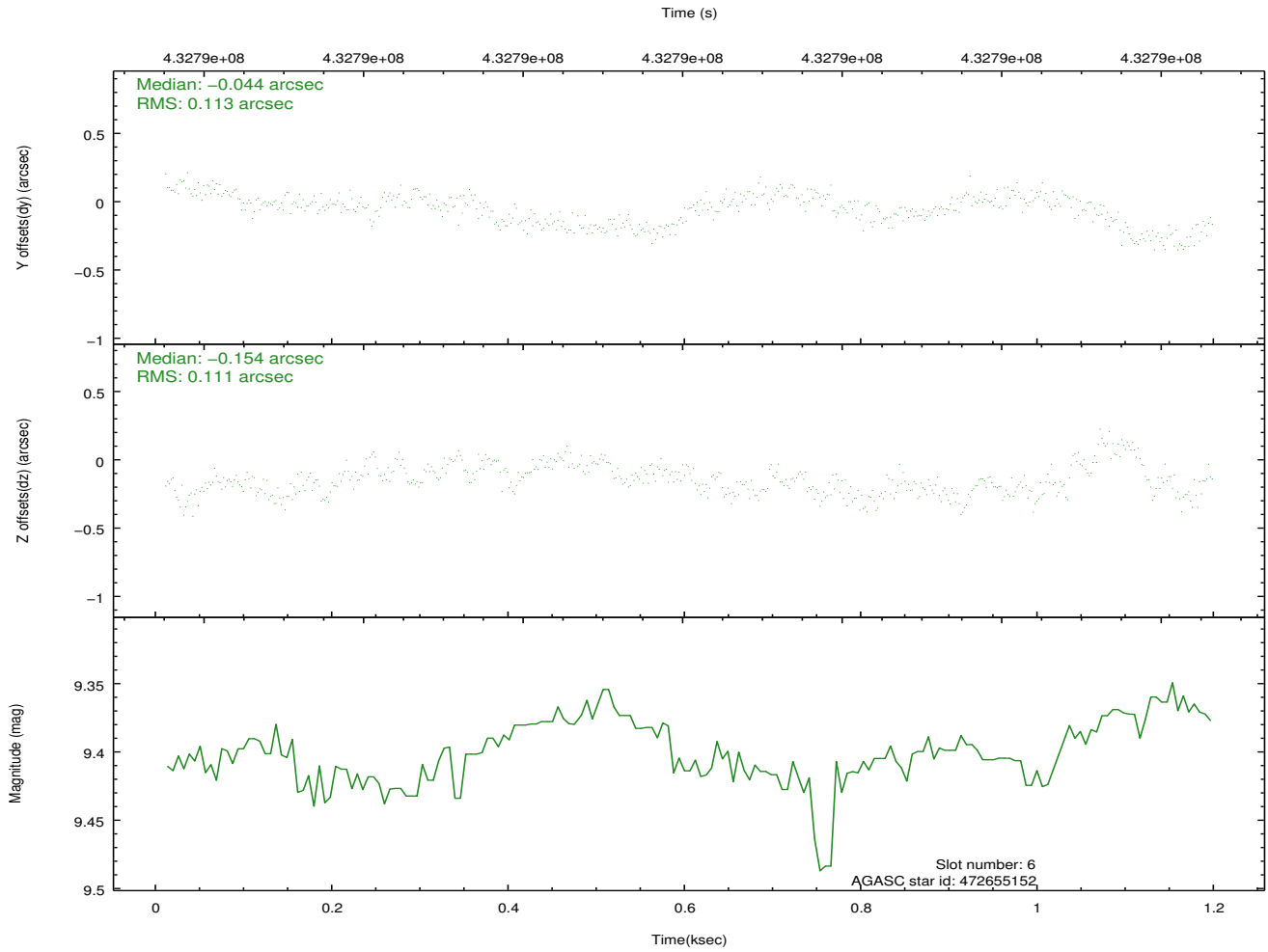
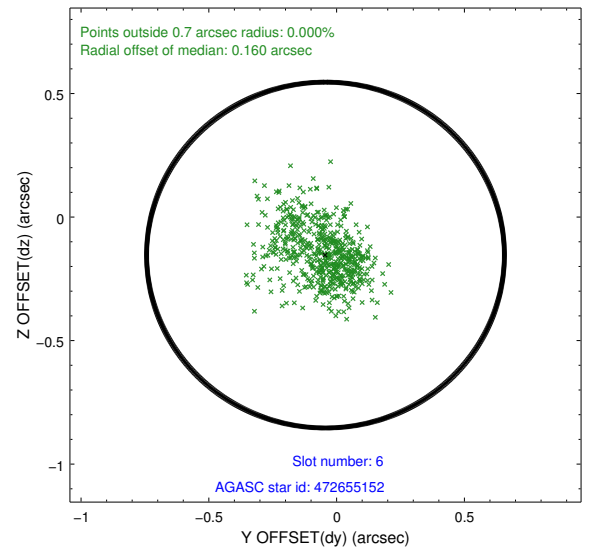
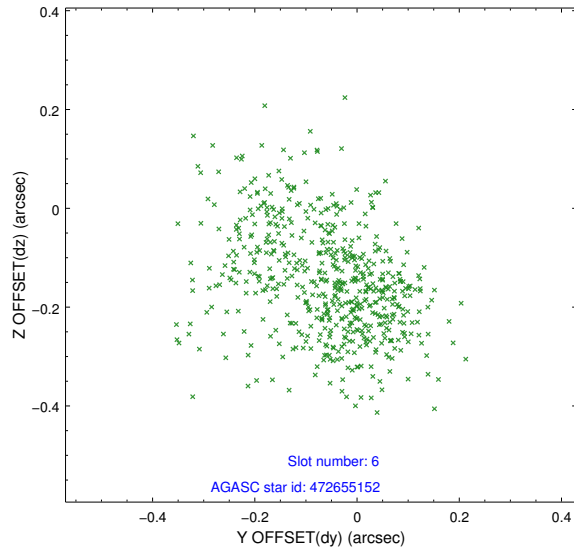
2.4.2 Slot 4



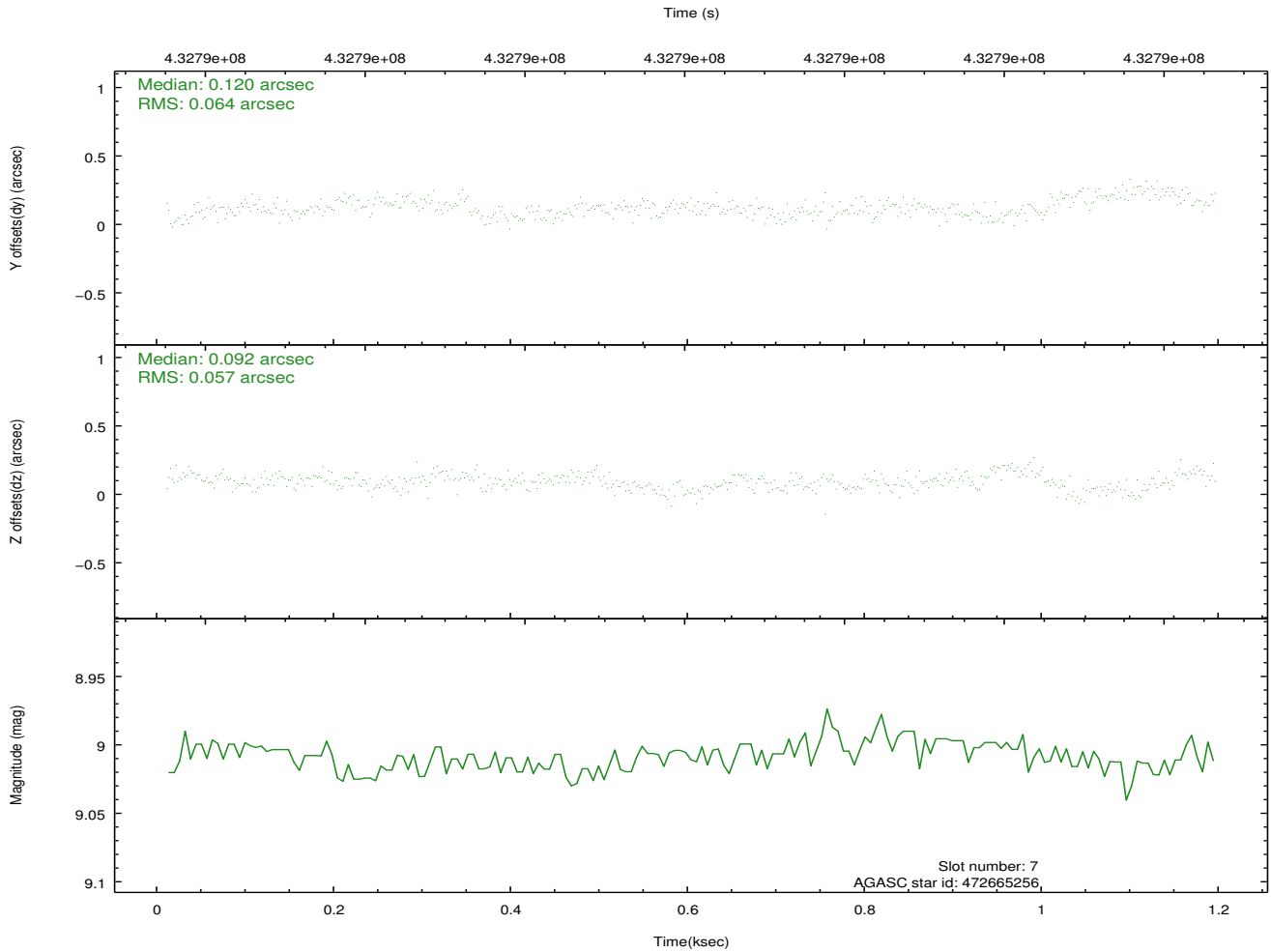
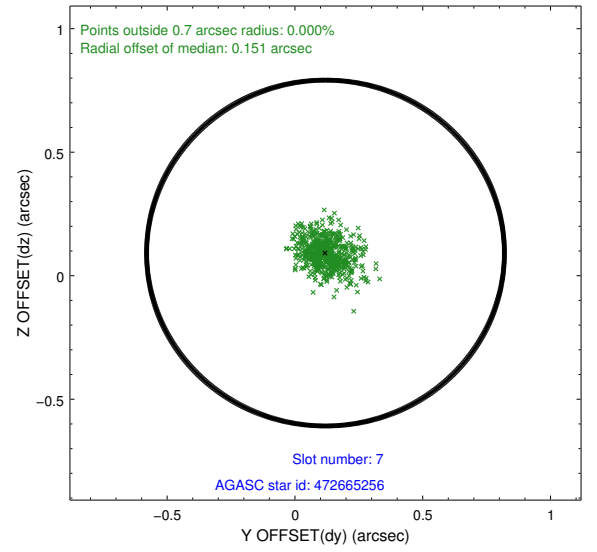
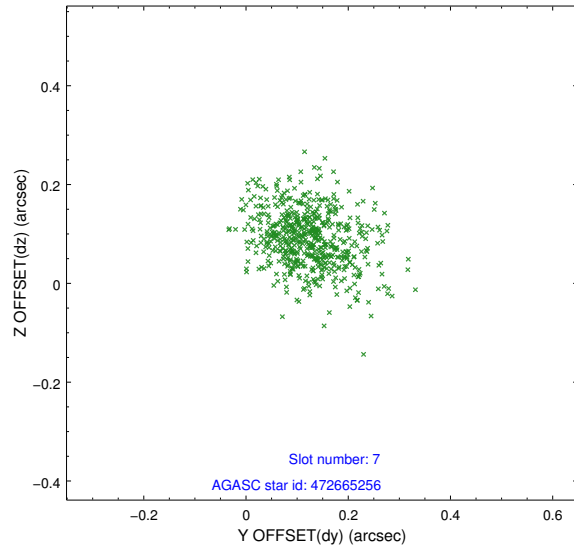
2.4.3 Slot 5



2.4.4 Slot 6

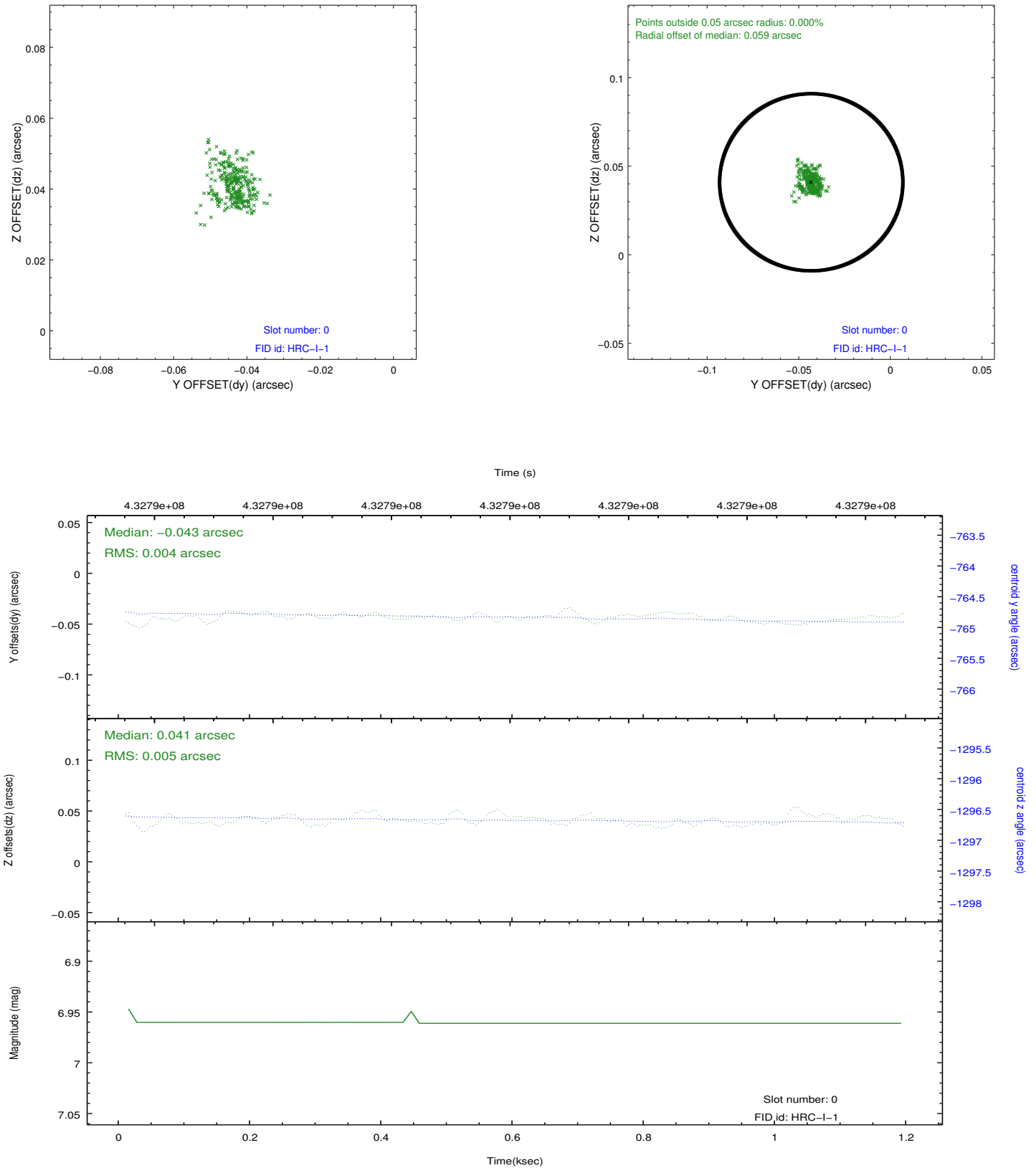


2.4.5 Slot 7

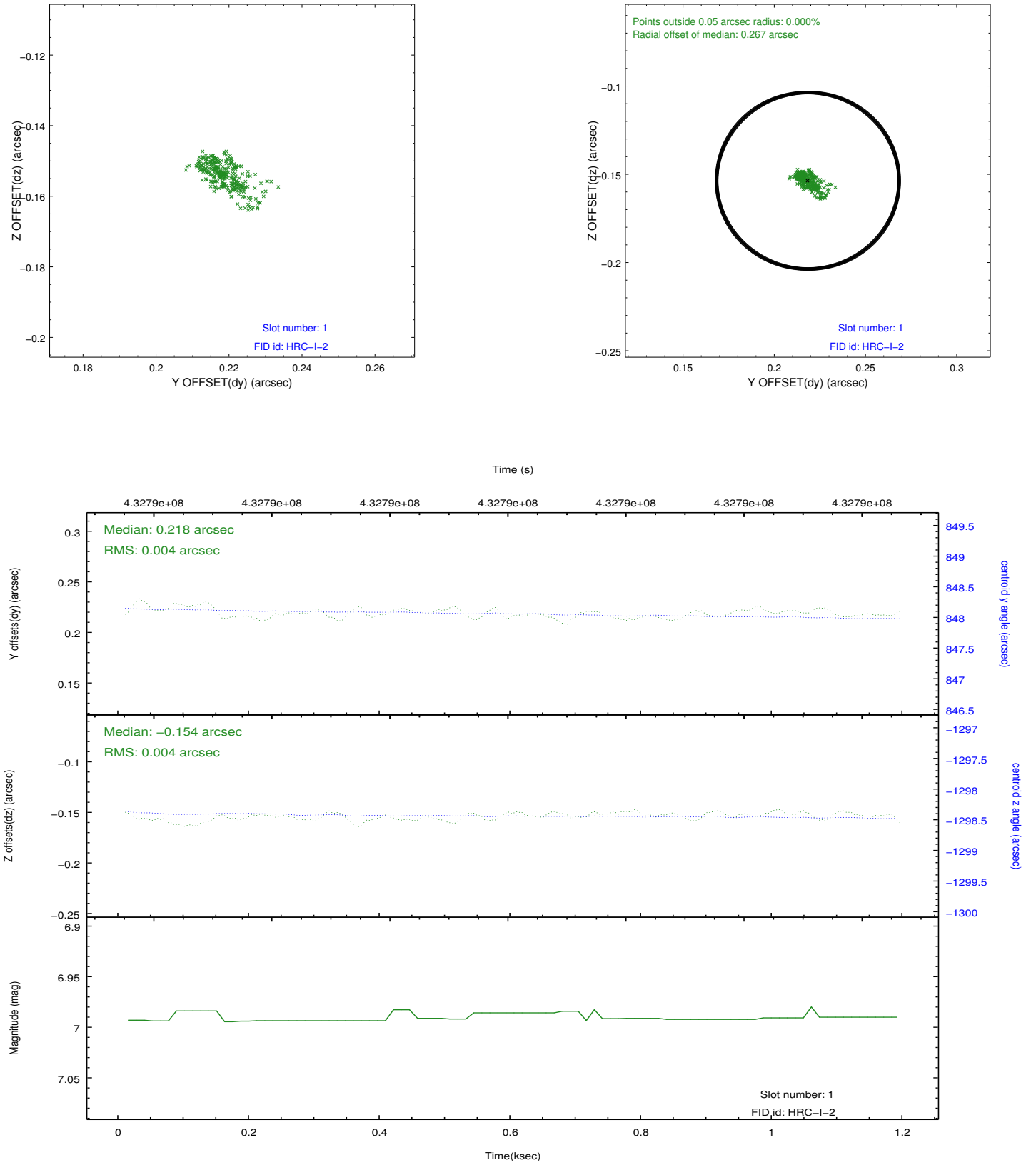


2.5 FID Slots

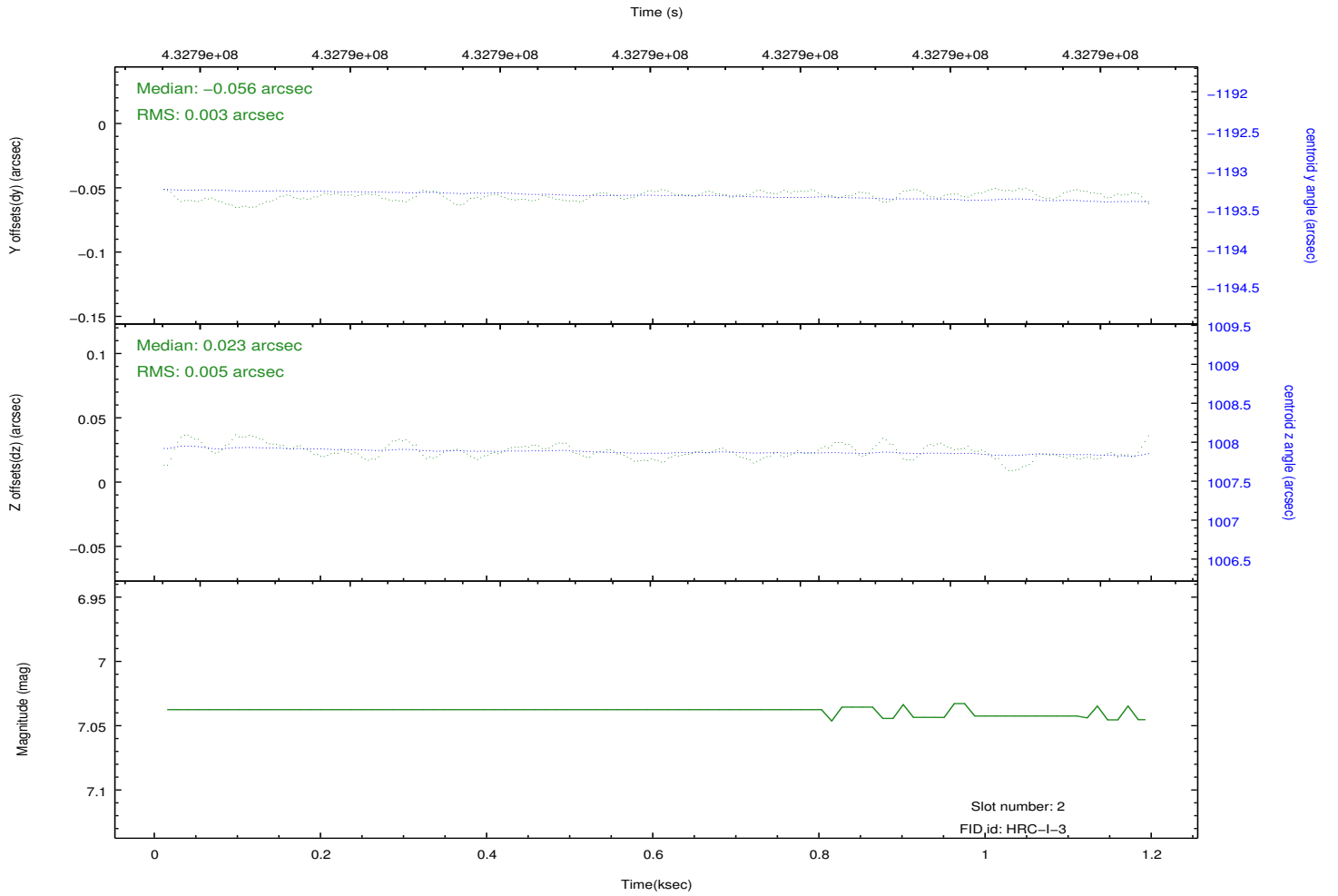
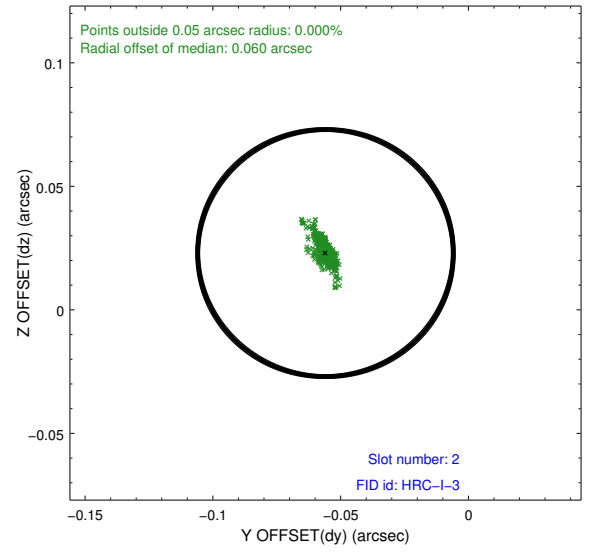
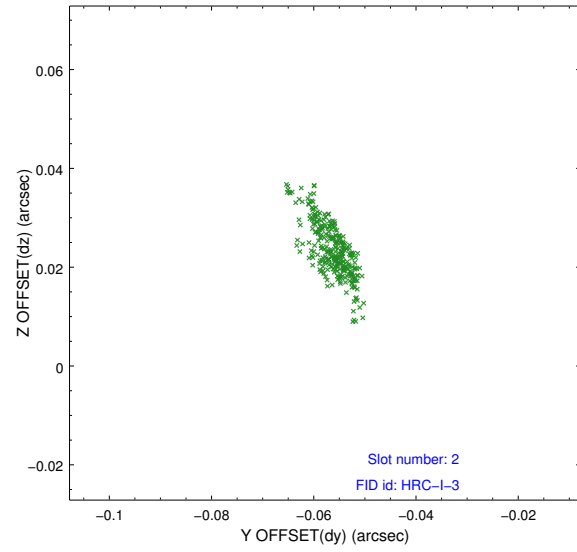
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813122034

A.2 Comments