

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11901 - L2 Version 2
Chandra X-Ray Center

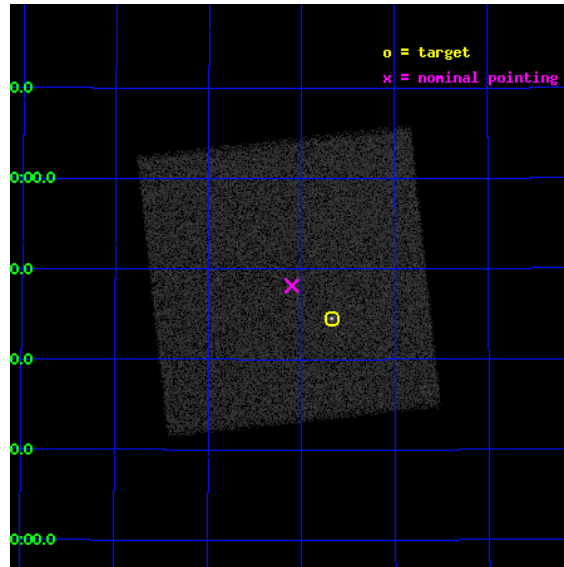
L2 Processing Date : Jul 3 2012

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1 Front

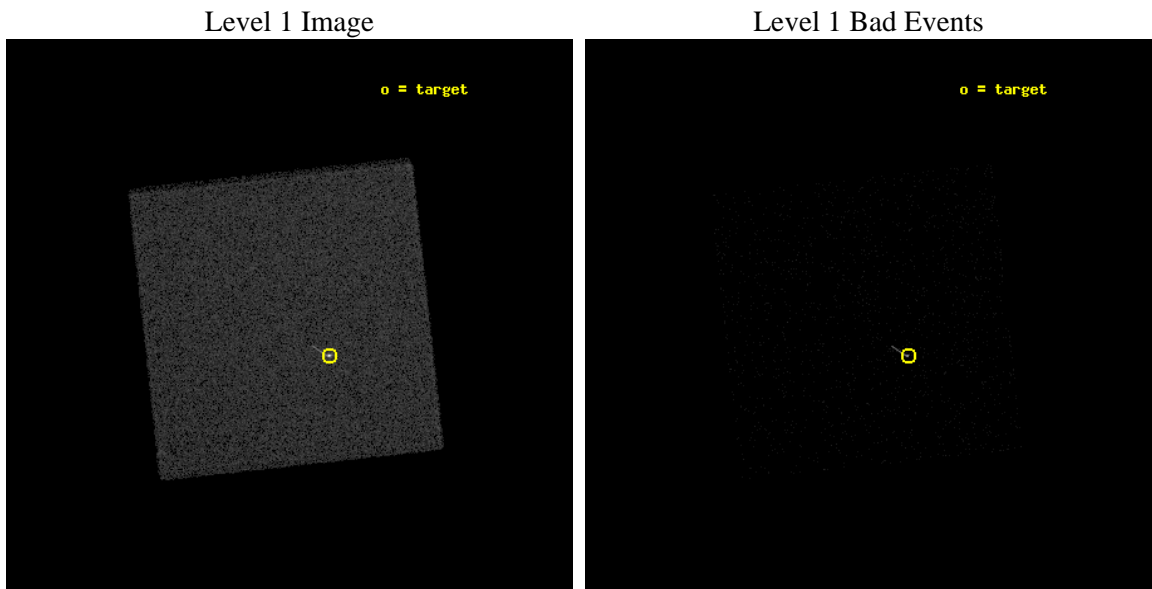
seq_num	290890	Sequence number
obs_id	11901	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27642608184	Nominal RA [deg]
dec_nom	45.80277242581	Nominal Dec [deg]
roll_nom	218.73203485037	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1181.8250605464	[s]
livetime	1168.9125452225	Ontime multiplied by DTCOR
l2events	90412	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	1181.8250605464	[s]
caldbver	4.5.0	 	l1events	161218	Number of level 1 events
date	2012-07-03T23:46:04	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

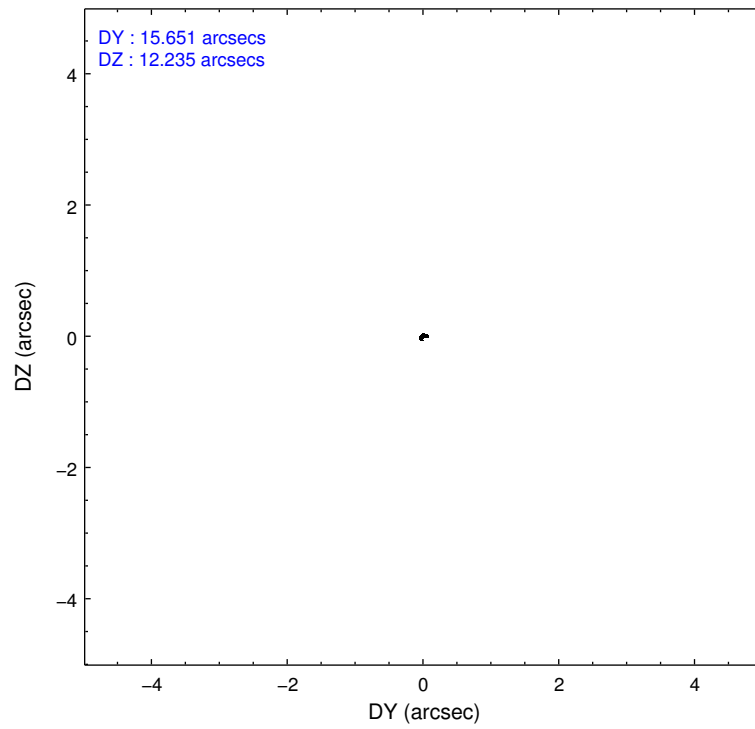
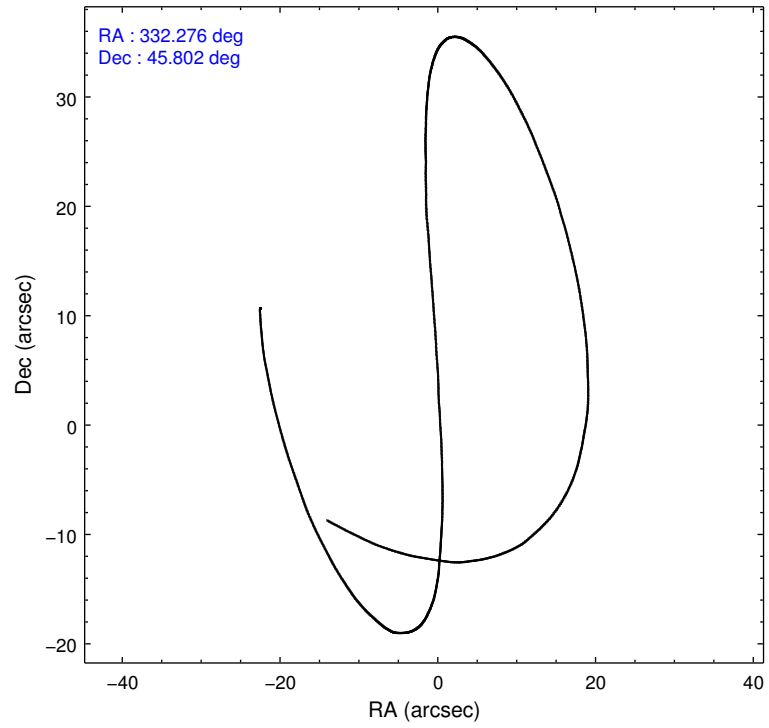
Level 1 Events

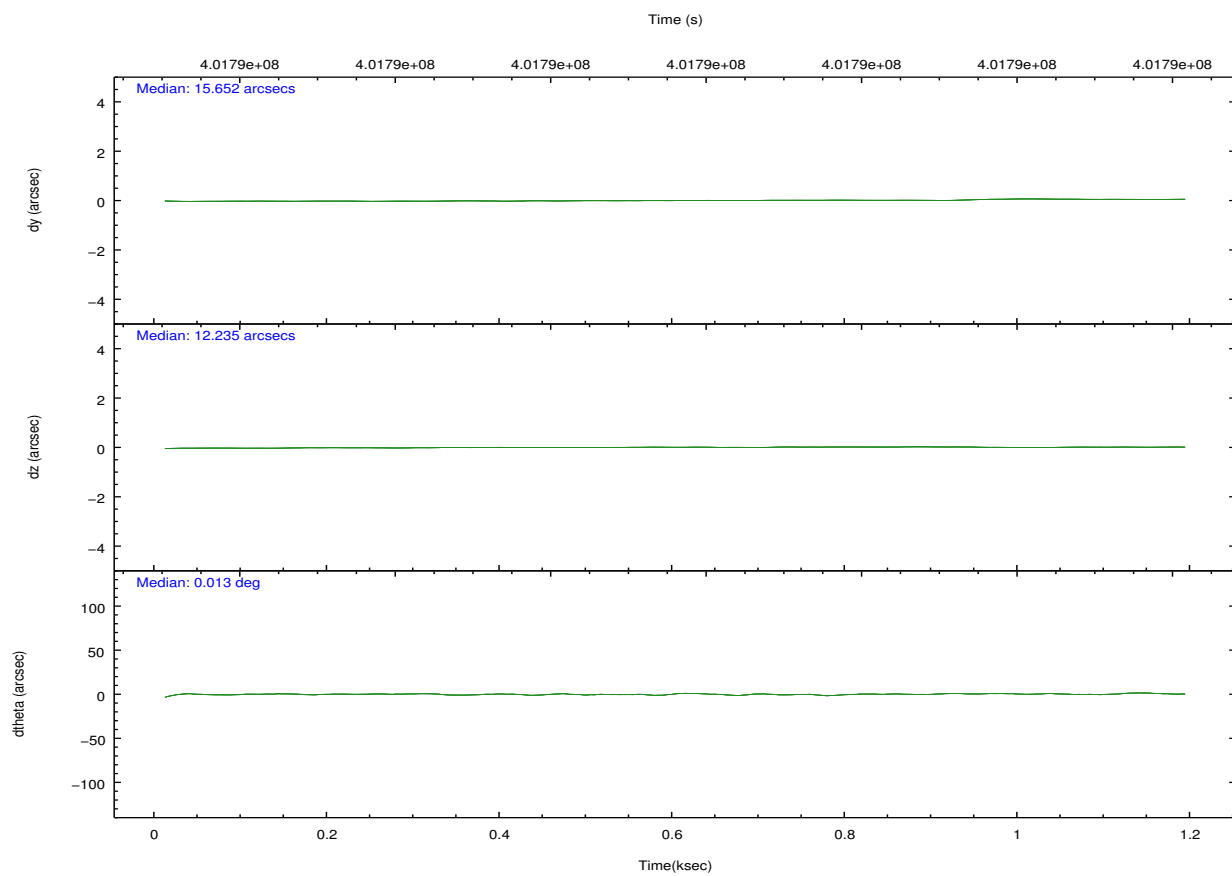
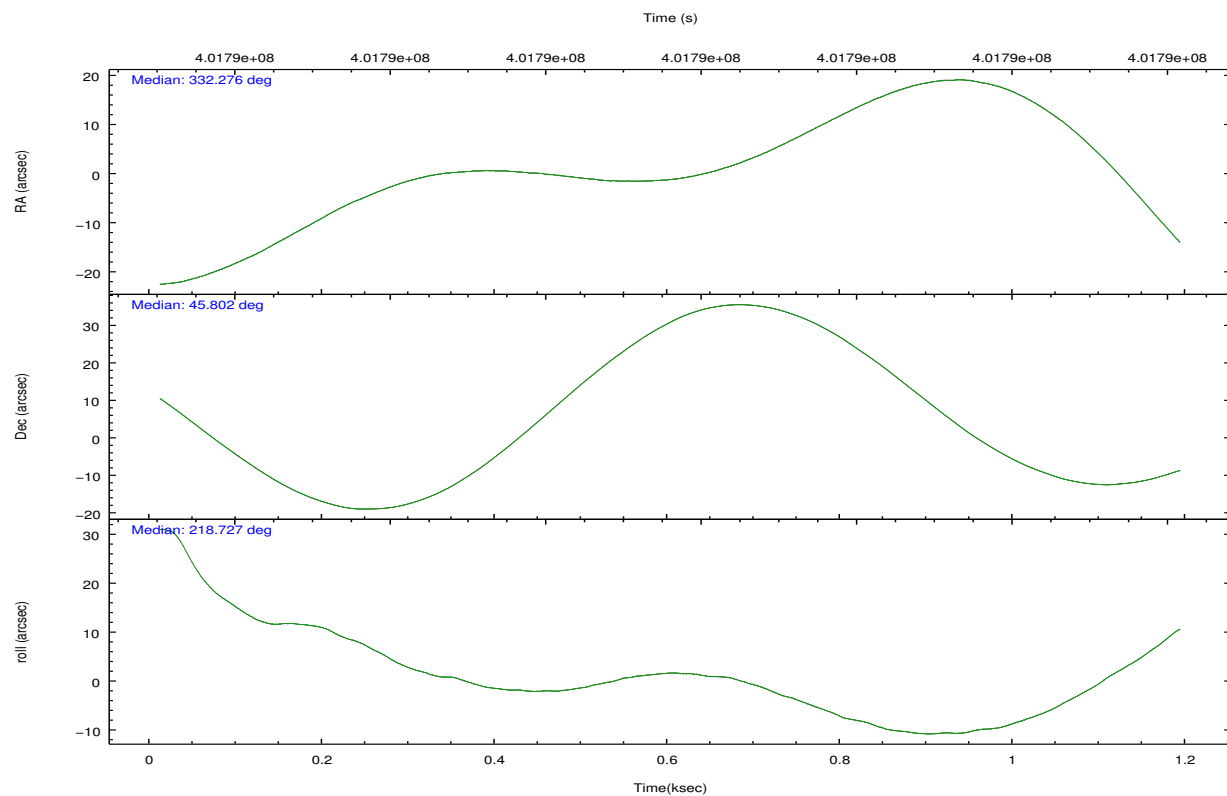
	segment 0
level 1 events	161218
rejected events	35525
rejected %	22%

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	332.289158	332.2764260818354			
[deg] Pointing Dec	45.829376	45.8027724258098			
[deg] Pointing Roll	218.818326	218.7320348503732			
[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)	401790563.184000	401790186.78804			
Observation start date	2010-09-25T08:28:17	2010-09-25T08:23:06			
[s] Observation end time (MET)	401791563.184000	401791697.12562			
Observation end date	2010-09-25T08:44:57	2010-09-25T08:48:17			

2.3 Aspect



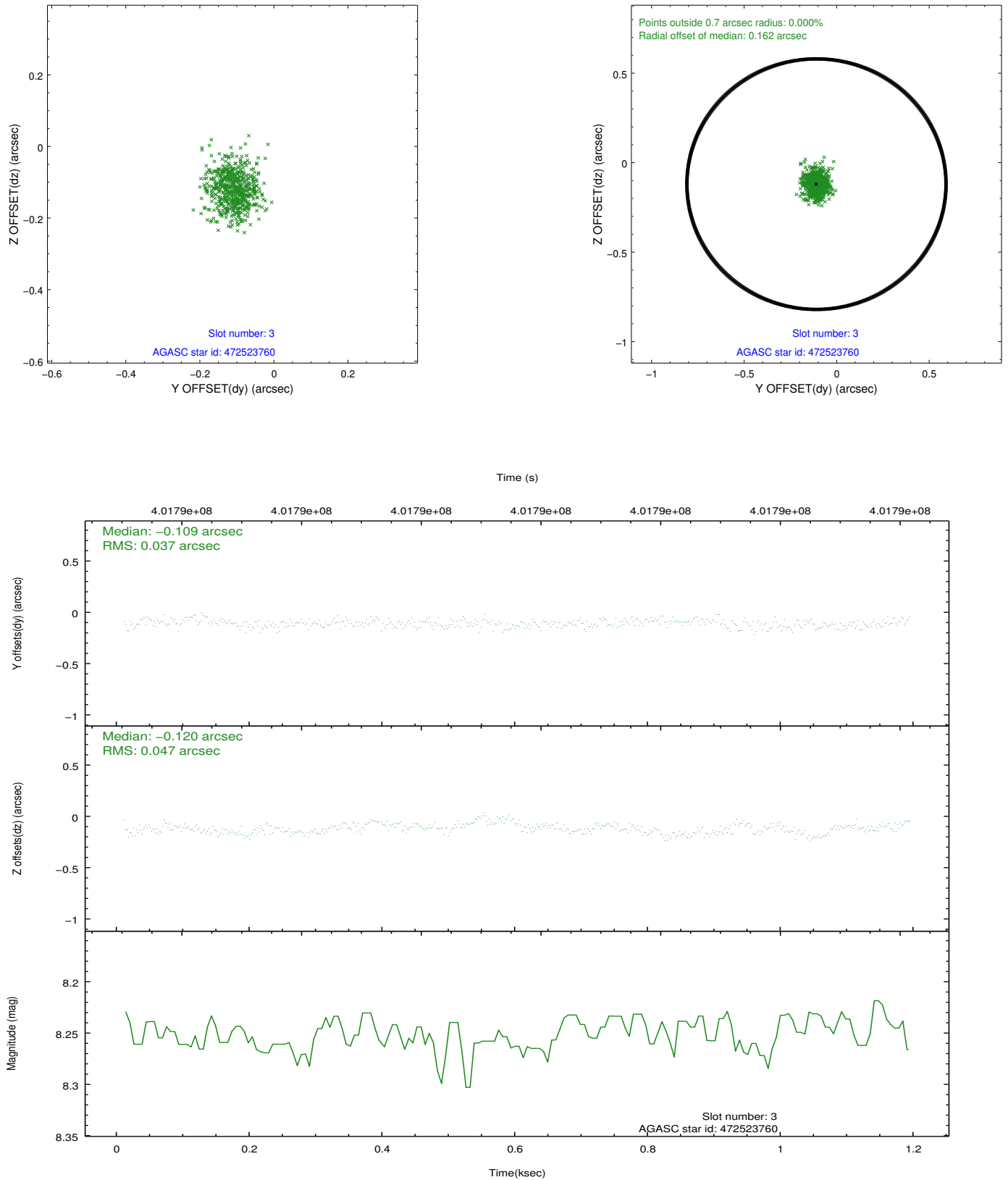


Slot Statistics

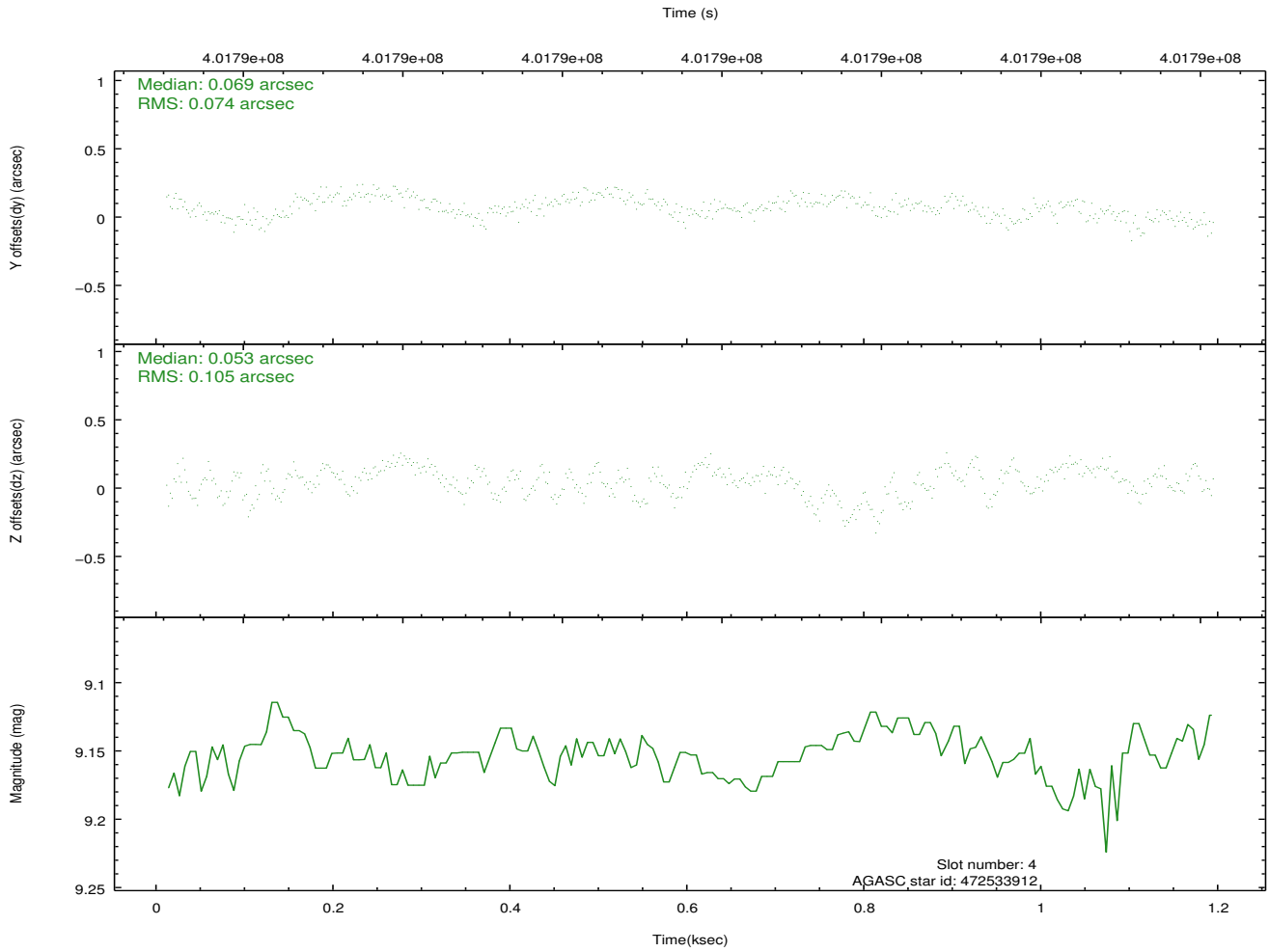
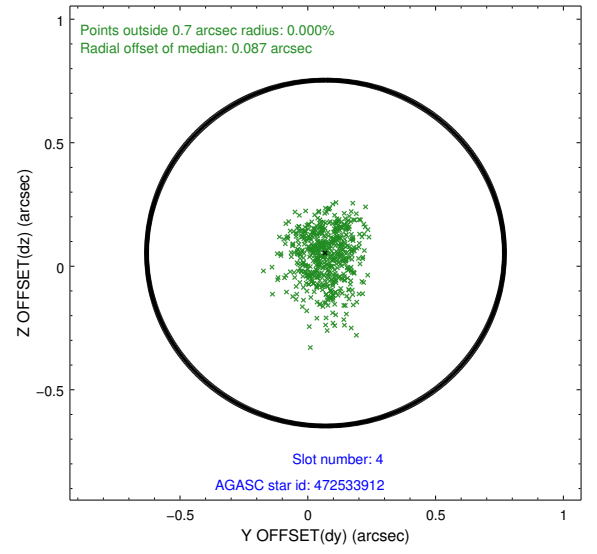
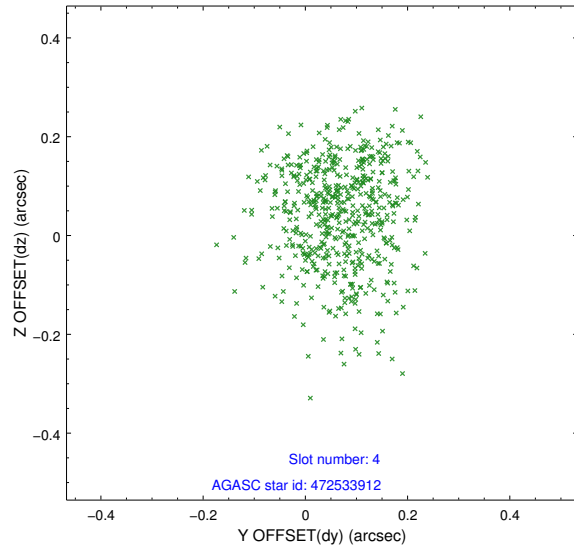
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.103	-0.016	0.006	0.009	0.000000	0.000000	-771.69	-1300.19
1	FID	HRC-I-2	6.99	289	0.187	-0.083	0.007	0.012	0.000000	0.000000	838.56	-1306.45
2	FID	HRC-I-4	6.97	289	0.032	0.006	0.006	0.013	0.000000	0.000000	1274.32	997.32
3	GUIDE	472523760	8.25	577	-0.109	-0.120	0.061	0.102	331.645363	45.403260	2224.62	166.63
4	GUIDE	472533912	9.15	577	0.069	0.053	0.132	0.218	331.791136	46.368695	-252.28	-2294.43
5	GUIDE	472654568	9.42	574	-0.016	0.122	0.124	0.203	332.194449	45.063576	1914.39	1989.72
6	GUIDE	472655152	9.42	577	0.026	-0.190	0.131	0.231	332.504239	45.862991	-493.83	243.03
7	GUIDE	472665256	9.03	577	0.026	0.145	0.078	0.129	332.808125	46.195041	-1836.97	-221.34

2.4 Star Slots

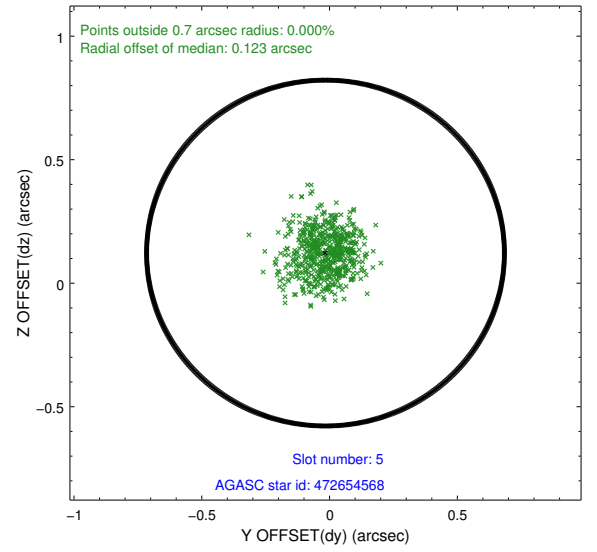
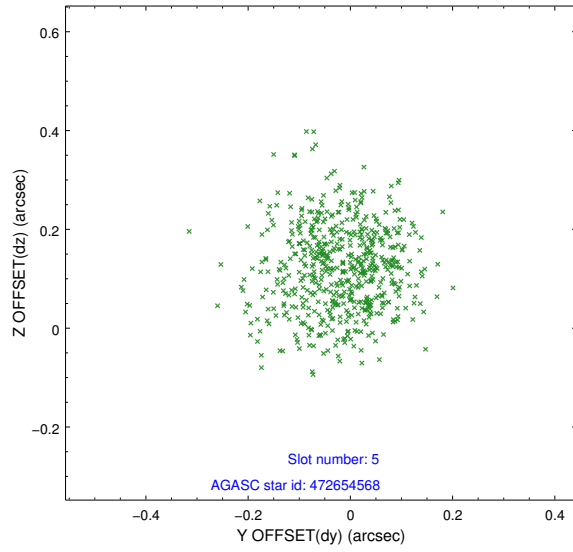
2.4.1 Slot 3



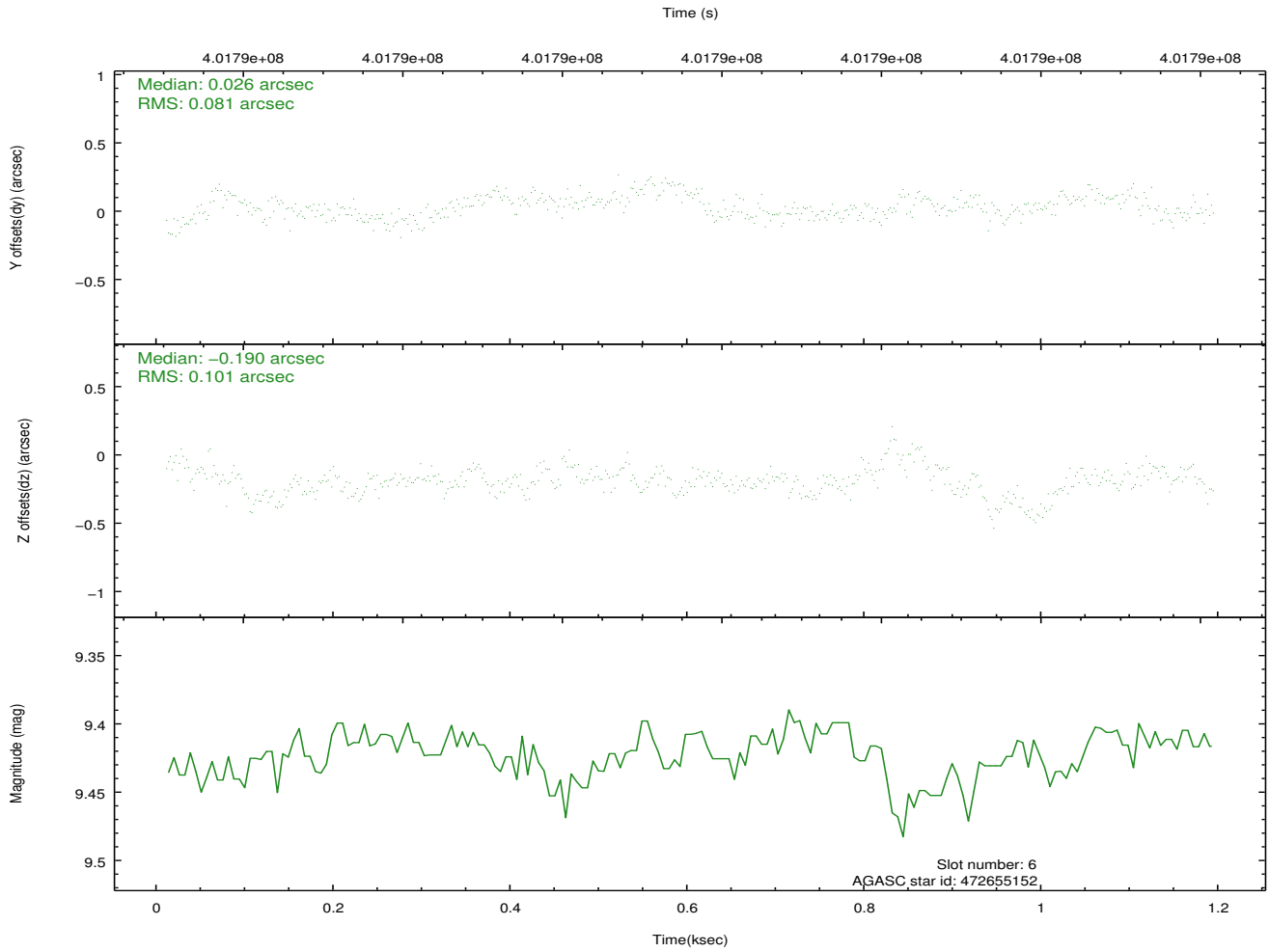
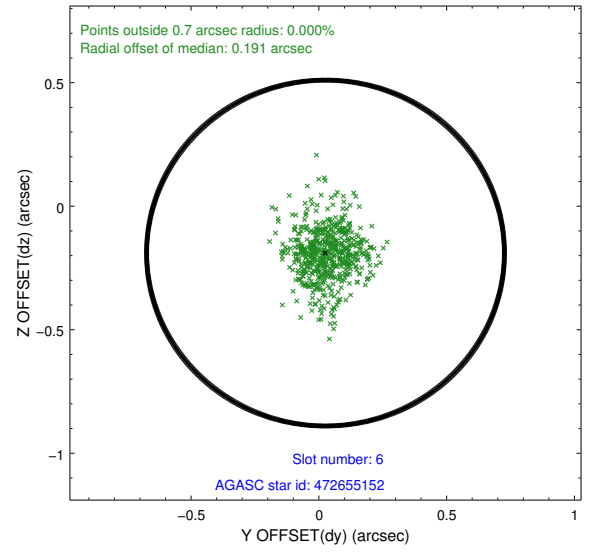
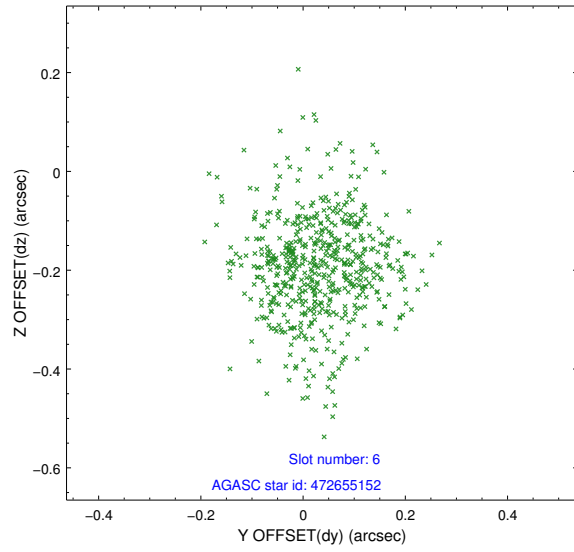
2.4.2 Slot 4



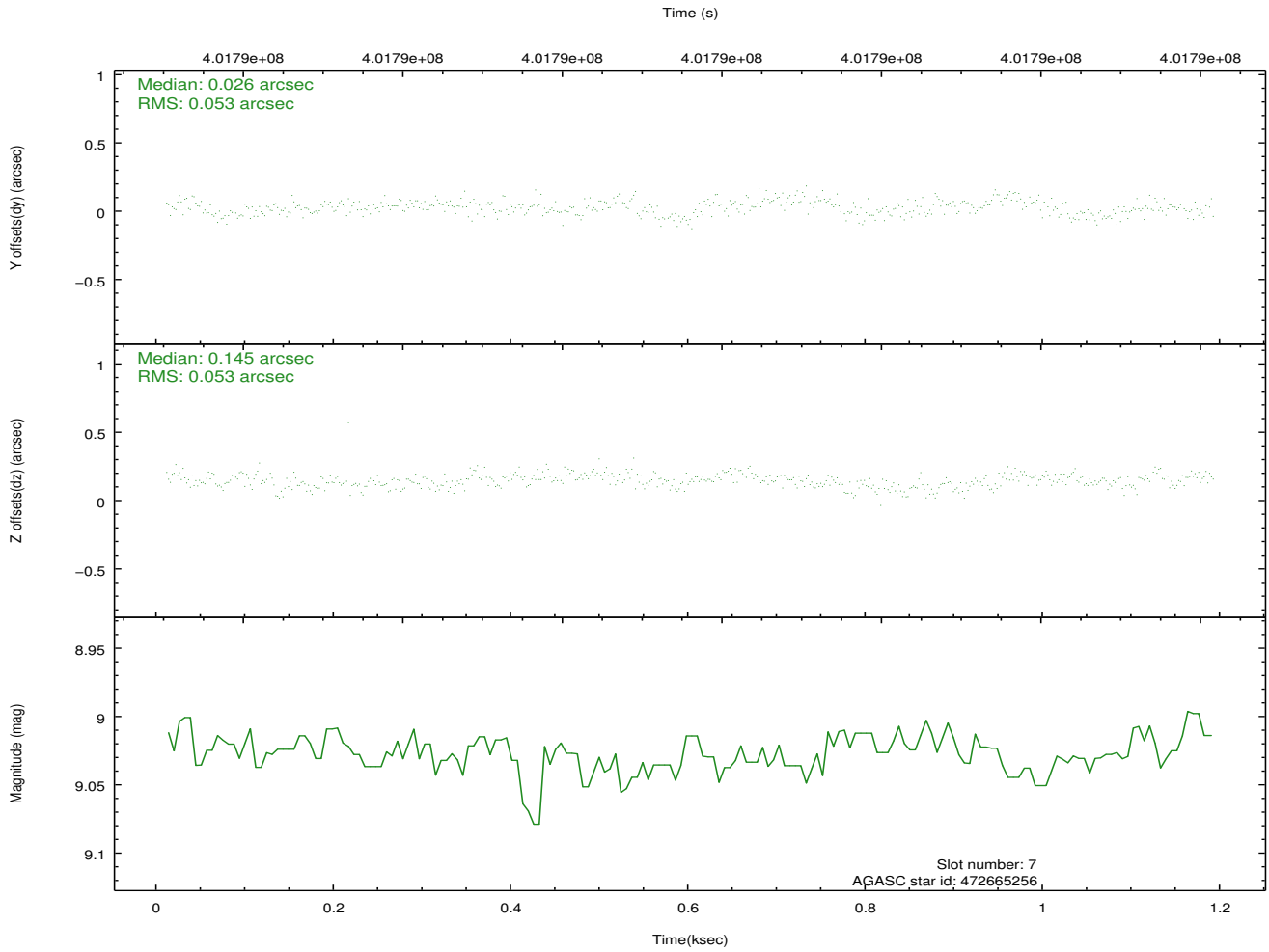
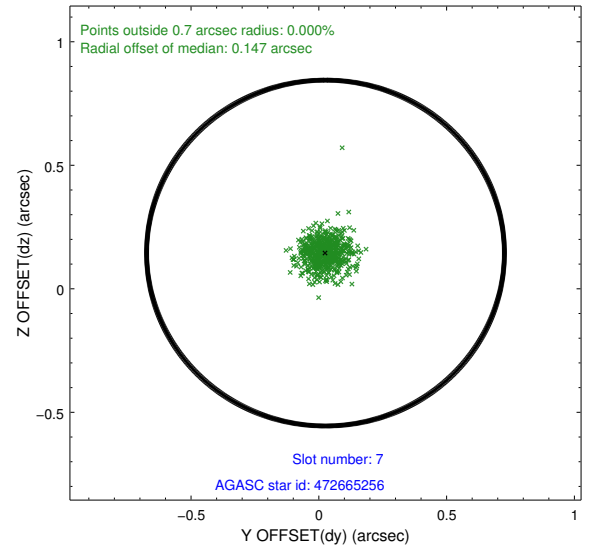
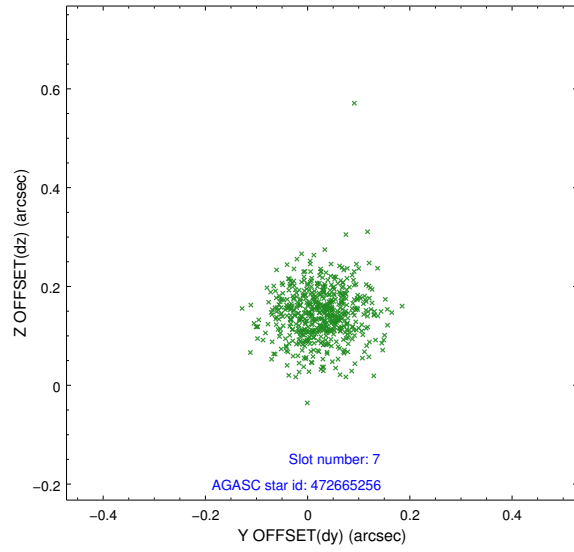
2.4.3 Slot 5



2.4.4 Slot 6

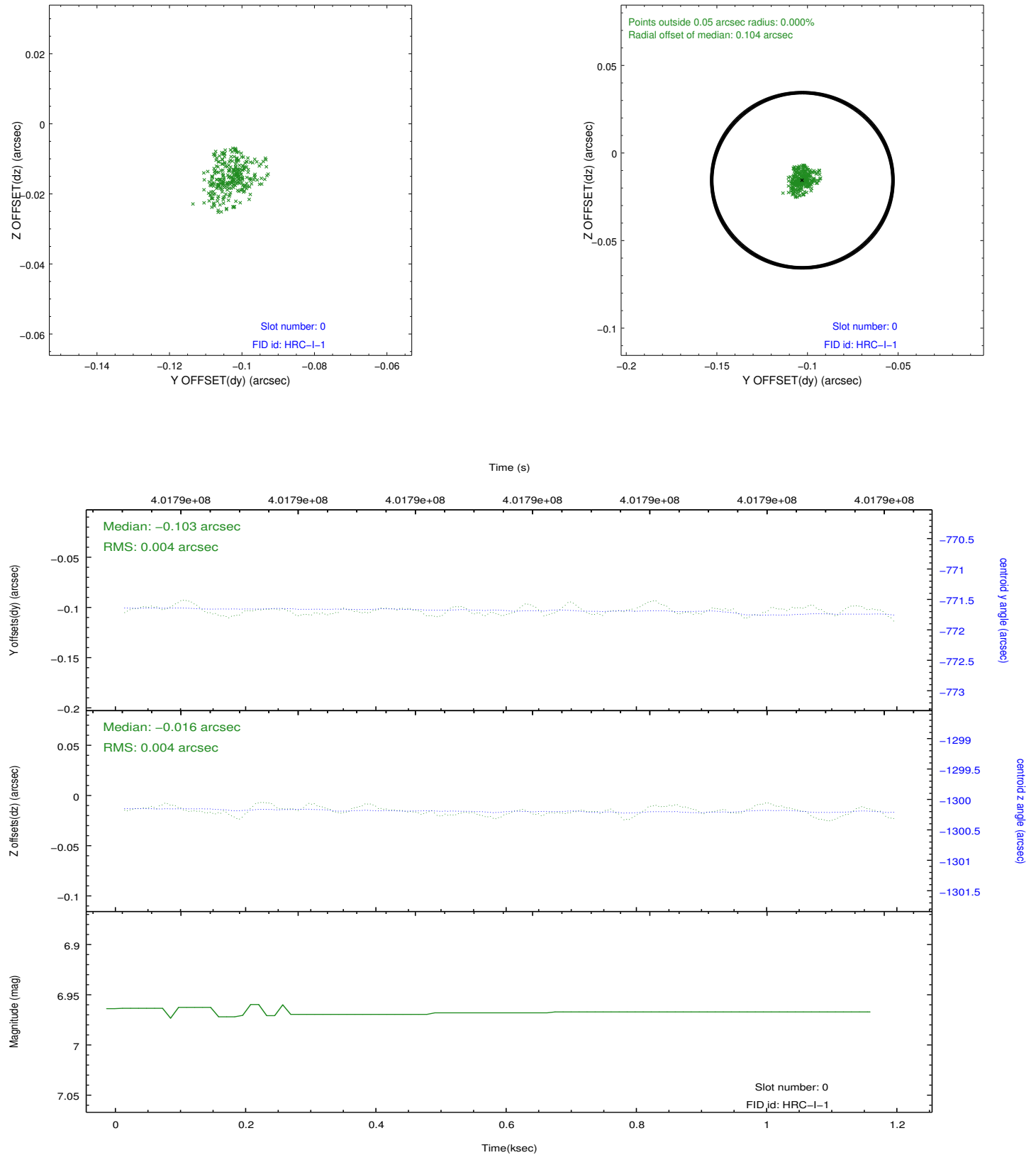


2.4.5 Slot 7

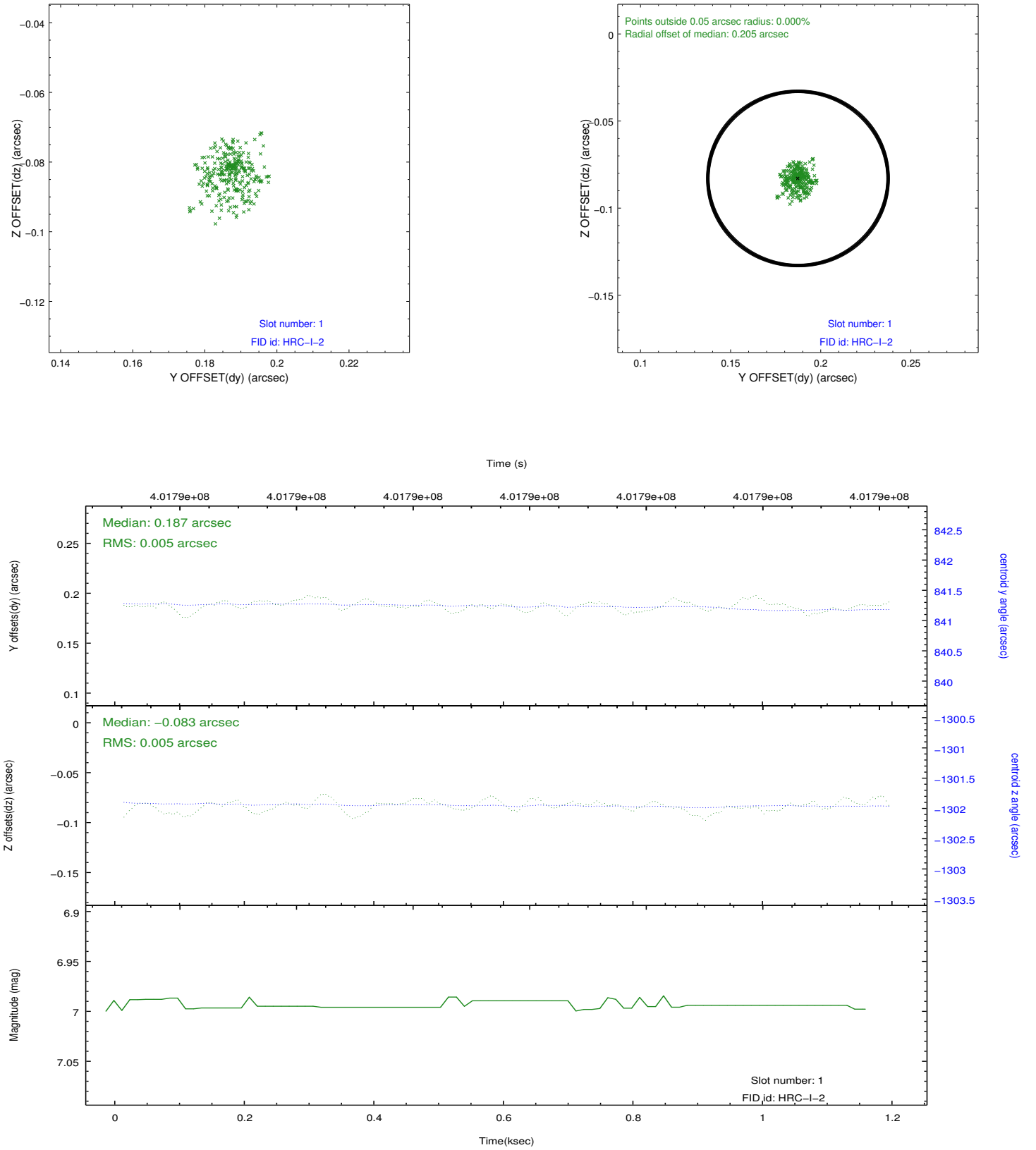


2.5 FID Slots

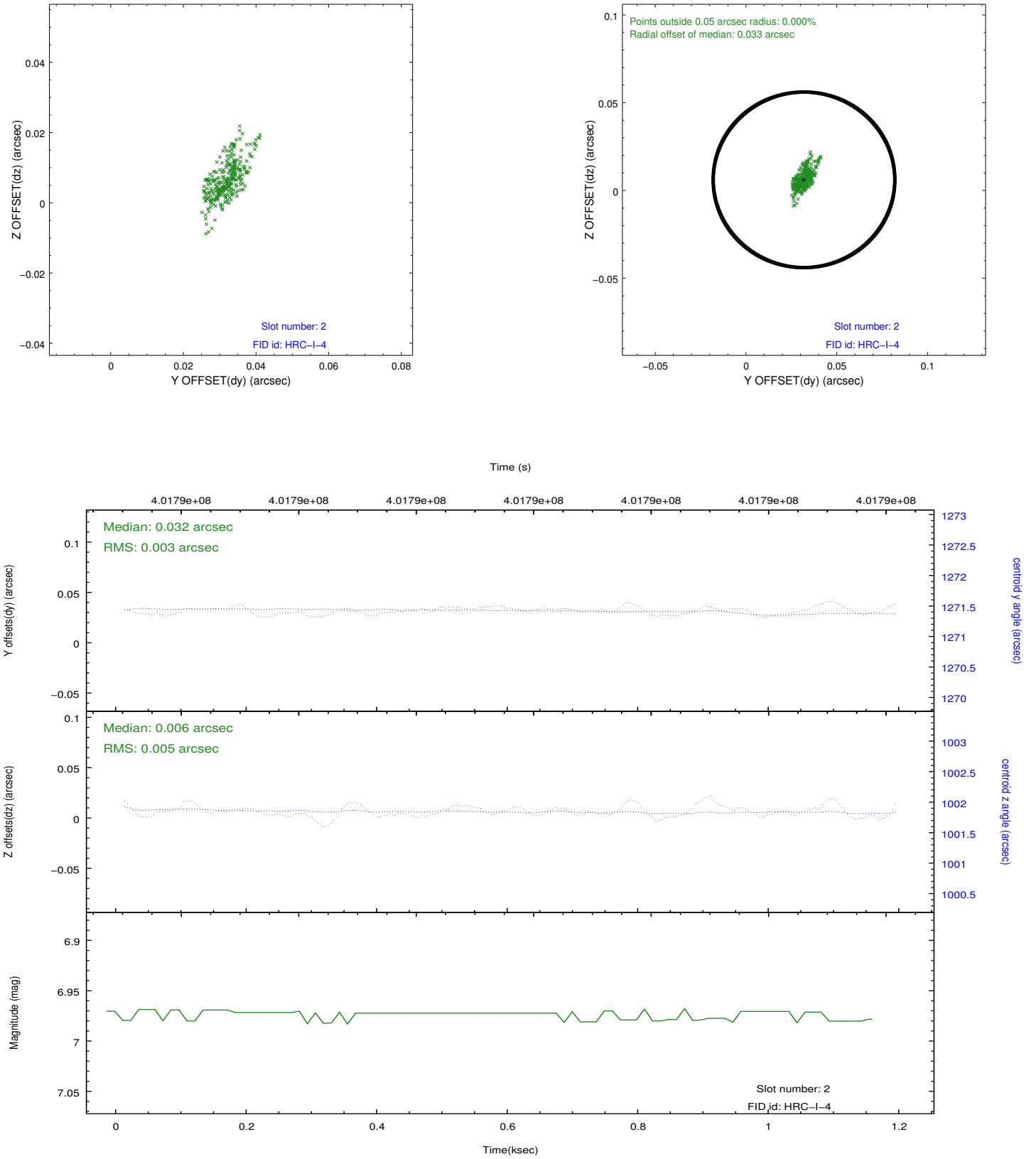
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250606656

A.2 Comments