

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13071 - L2 Version 4
Chandra X-Ray Center

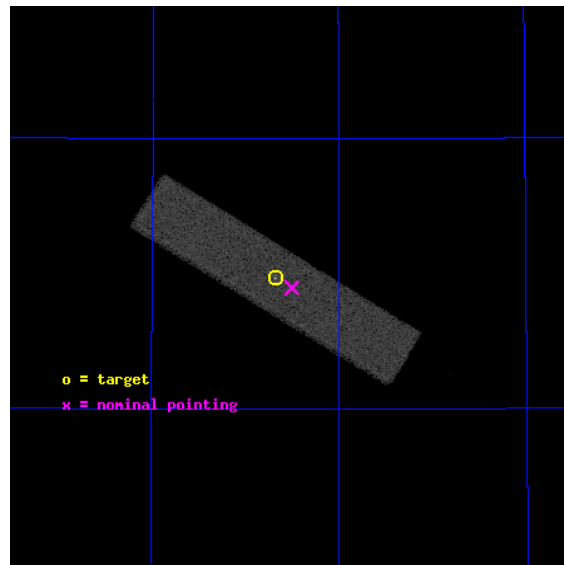
L2 Processing Date : Aug 9 2012

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1 Front

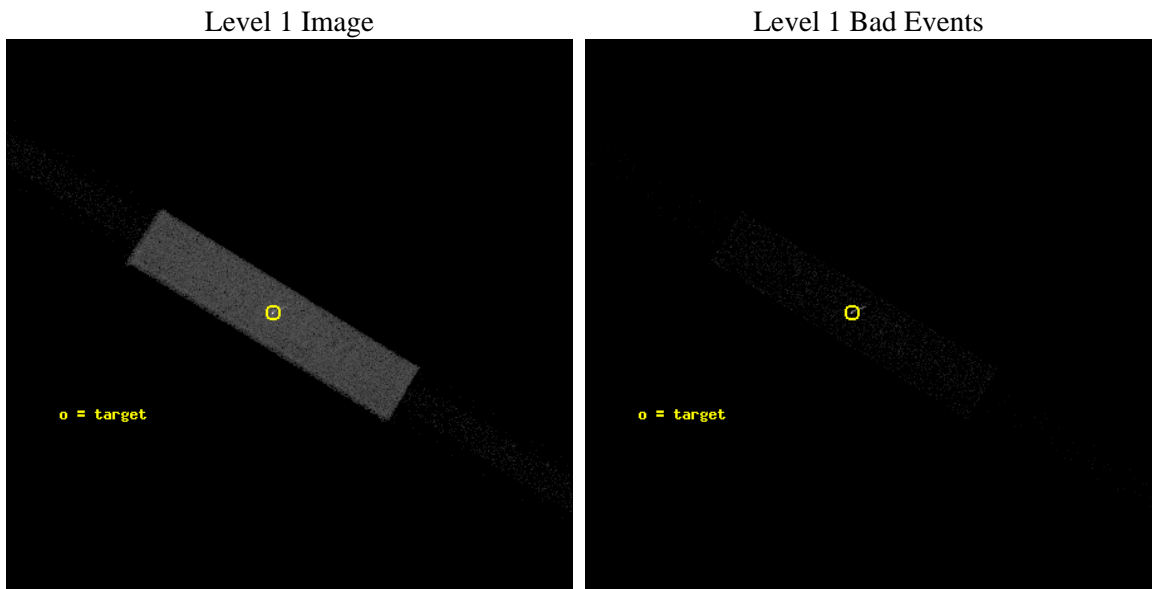
seq_num	290990	Sequence number
obs_id	13071	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12542741485	Nominal RA [deg]
dec_nom	45.724610636297	Nominal Dec [deg]
roll_nom	211.30598362732	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1159.5313108563	[s]
livetime	1151.1873354123	Ontime multiplied by DTCOR
l2events	62073	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	1159.5313108563	[s]
caldsver	4.5.1.1	 	l1events	96043	Number of level 1 events
date	2012-08-10T01:49:51	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

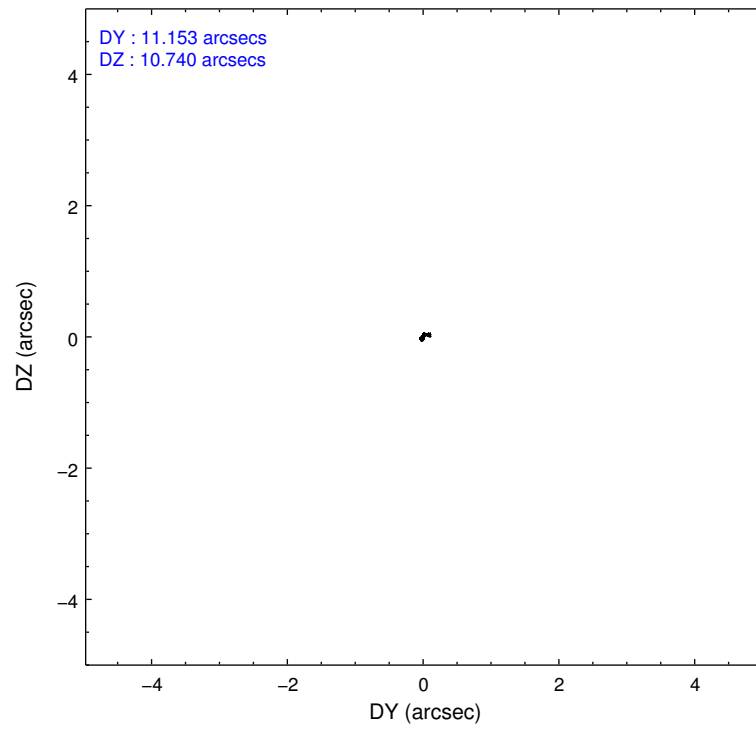
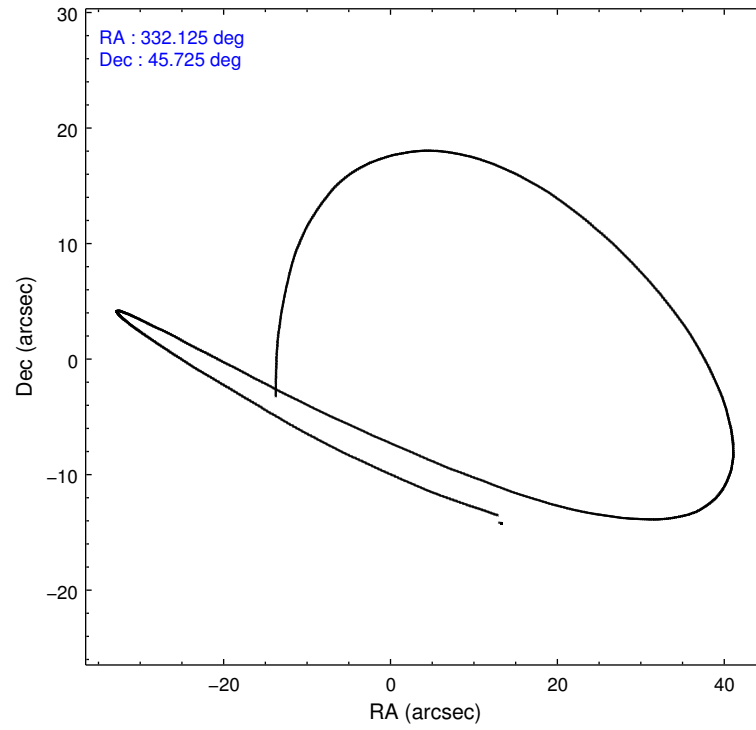
	segment 1	segment 2	segment 3
level 1 events	988	94114	941
rejected events	988	21399	936
rejected %	100%	22%	99%

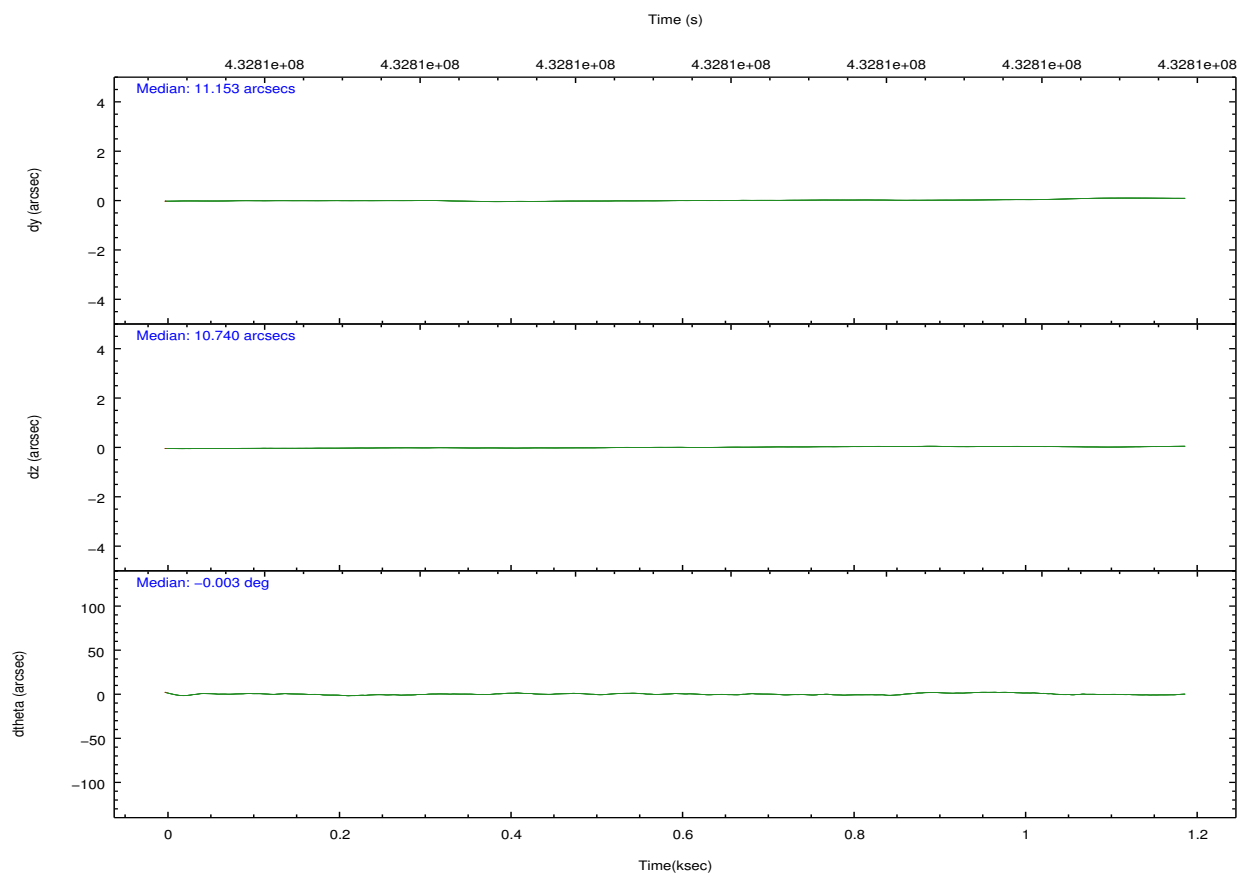
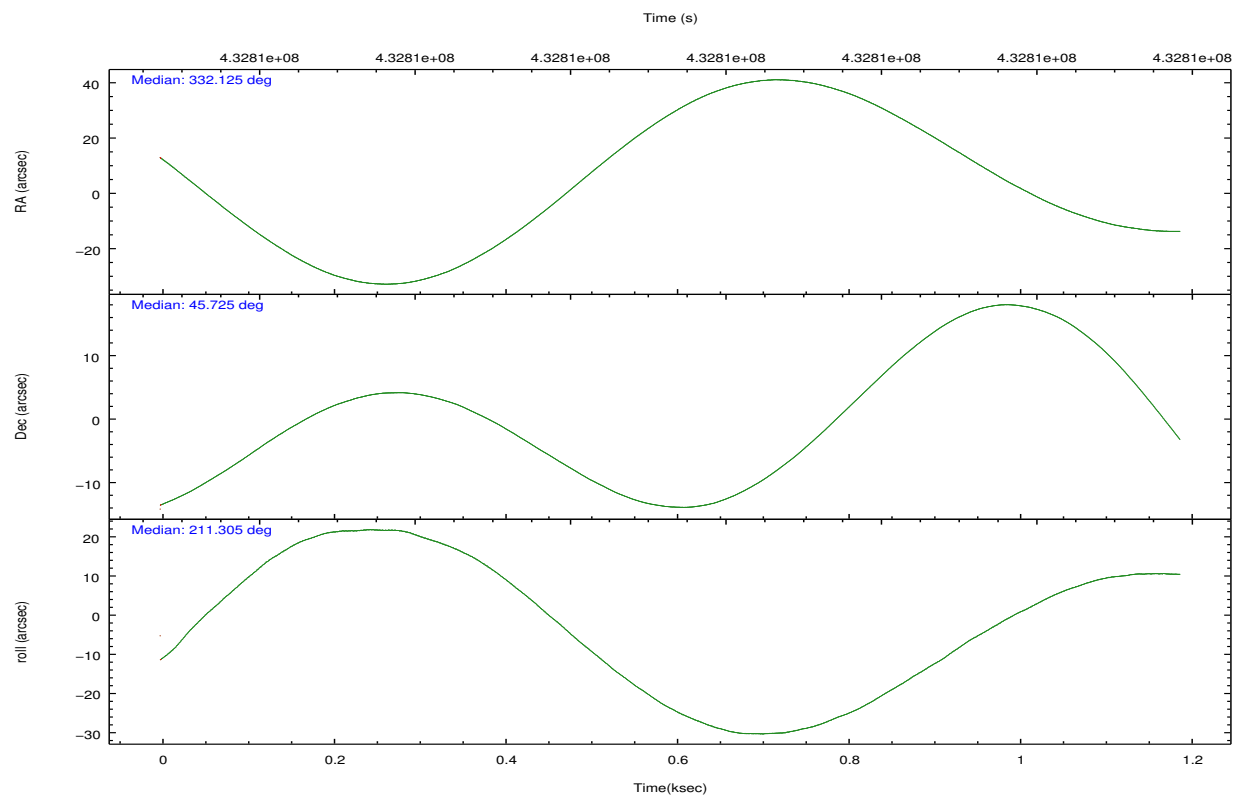
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.144279	332.1254274148546
[deg] Pointing Dec	45.749746	45.72461063629669
[deg] Pointing Roll	211.225143	211.3059836273219
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432806522.184000	432806145.79959
Observation start date	2011-09-19T08:00:56	2011-09-19T07:55:45
[s] Observation end time (MET)	432807522.184000	432807655.62466
Observation end date	2011-09-19T08:17:36	2011-09-19T08:20:55

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

2.3 Aspect



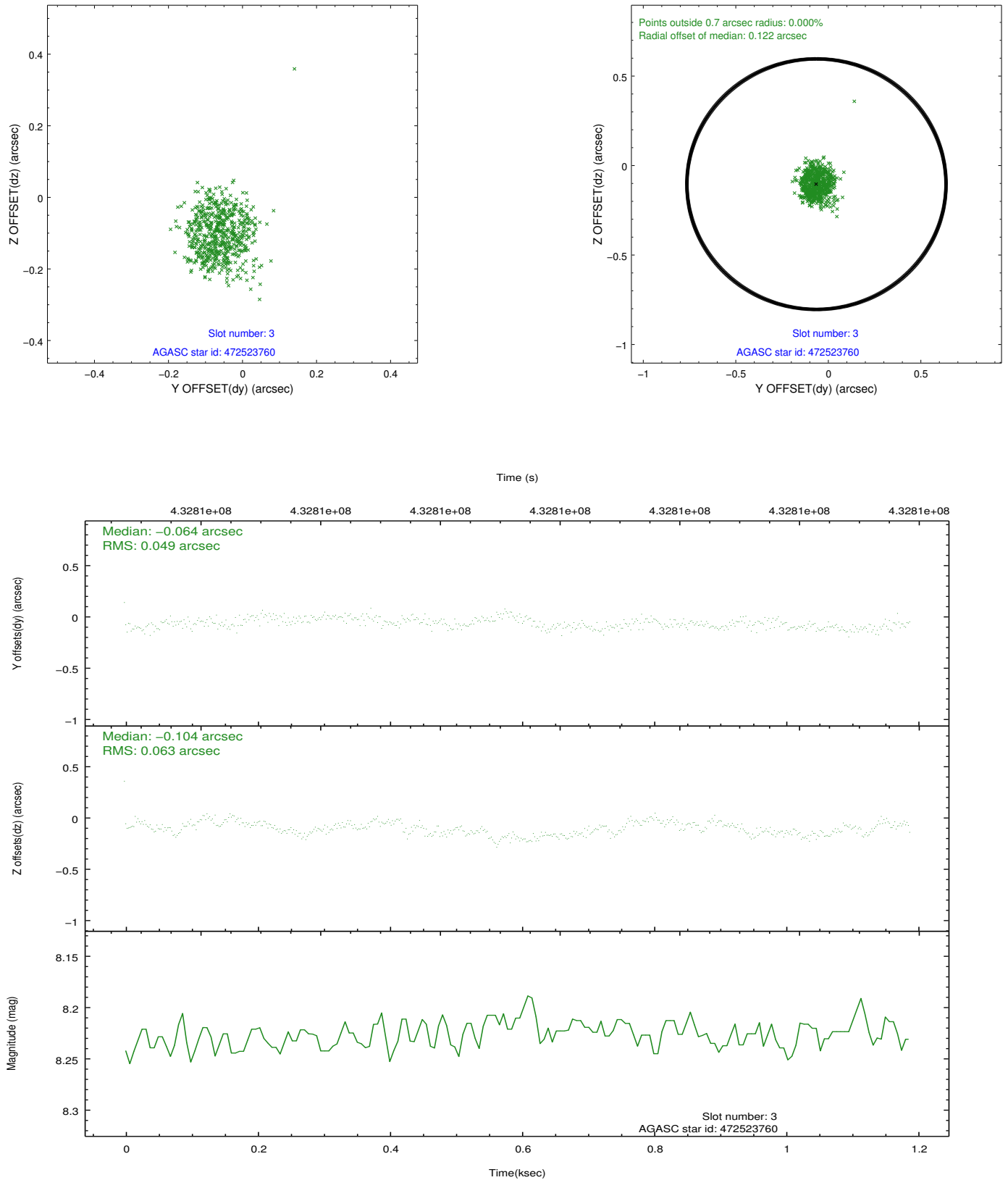


Slot Statistics

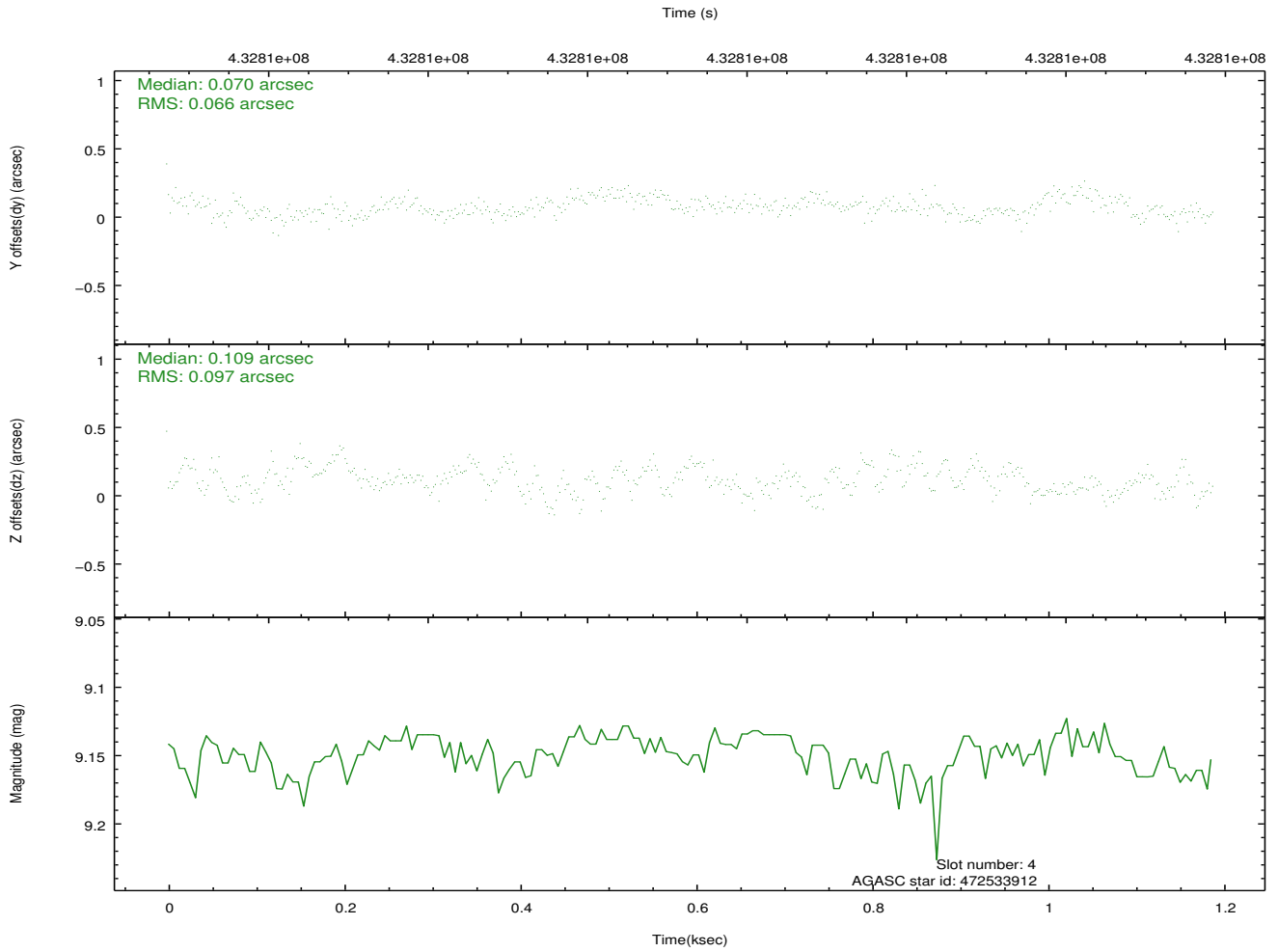
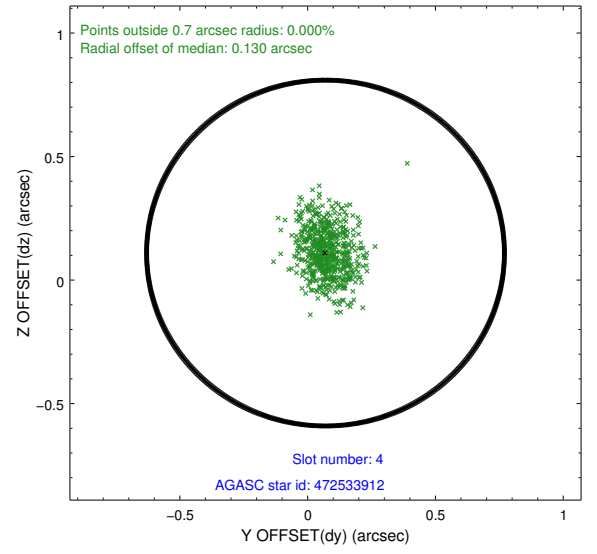
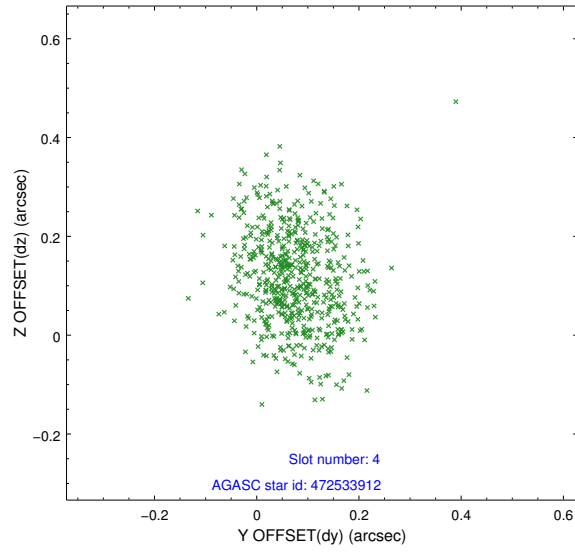
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	291	0.044	-0.164	0.009	0.026	0.000000	0.000000	-1165.50	-459.41
1	FID	HRC-S-2	6.97	291	0.286	-0.130	0.006	0.017	0.000000	0.000000	1230.39	-453.60
2	FID	HRC-S-3	6.99	290	0.061	-0.009	0.012	0.032	0.000000	0.000000	-1163.96	568.71
3	GUIDE	472523760	8.23	581	-0.064	-0.104	0.083	0.129	331.645363	45.403260	1722.74	413.10
4	GUIDE	472533912	9.15	581	0.070	0.109	0.125	0.203	331.791136	46.368695	-403.19	-2357.45
5	GUIDE	472655152	9.41	581	-0.014	-0.183	0.158	0.267	332.504239	45.862991	-985.09	116.92
6	GUIDE	472665256	9.01	578	0.095	0.202	0.094	0.148	332.808125	46.195041	-2251.15	-515.31
7	GUIDE	420754040	9.04	580	-0.112	-0.014	0.095	0.156	331.917939	44.882543	2106.12	2372.81

2.4 Star Slots

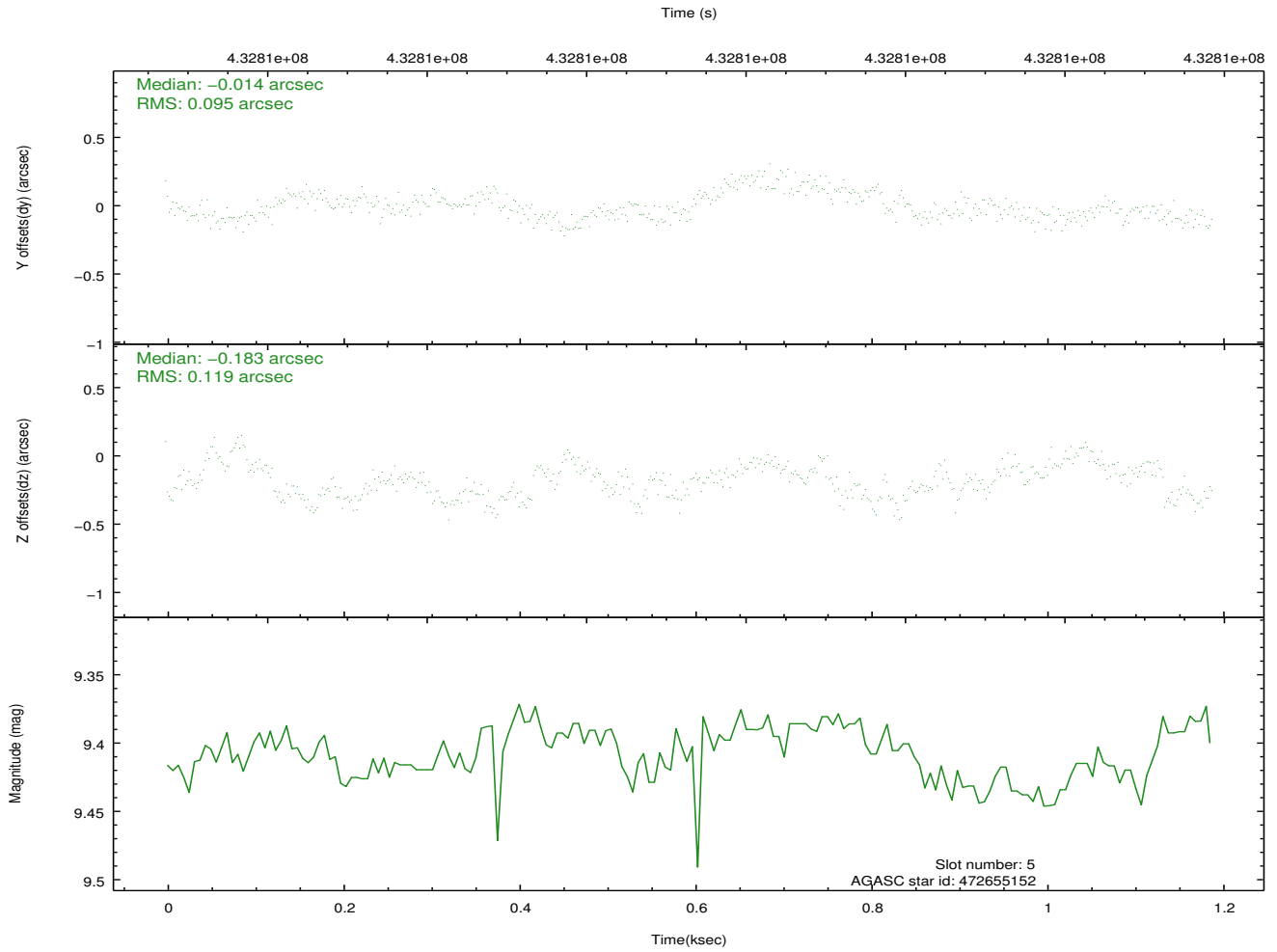
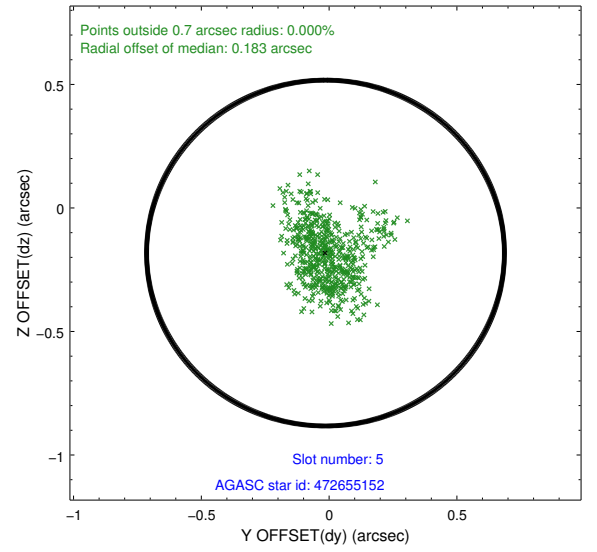
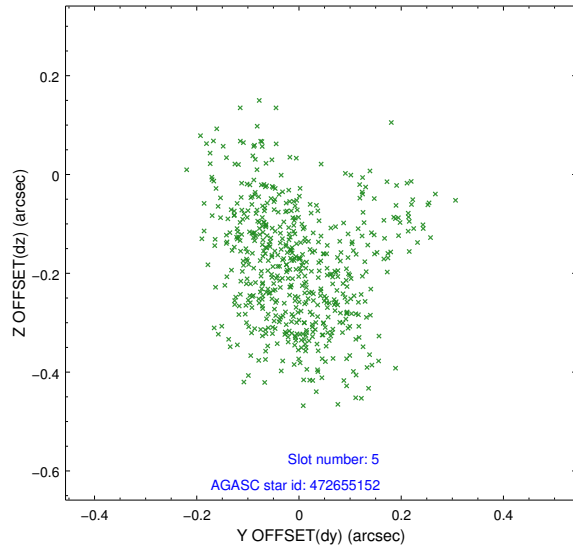
2.4.1 Slot 3



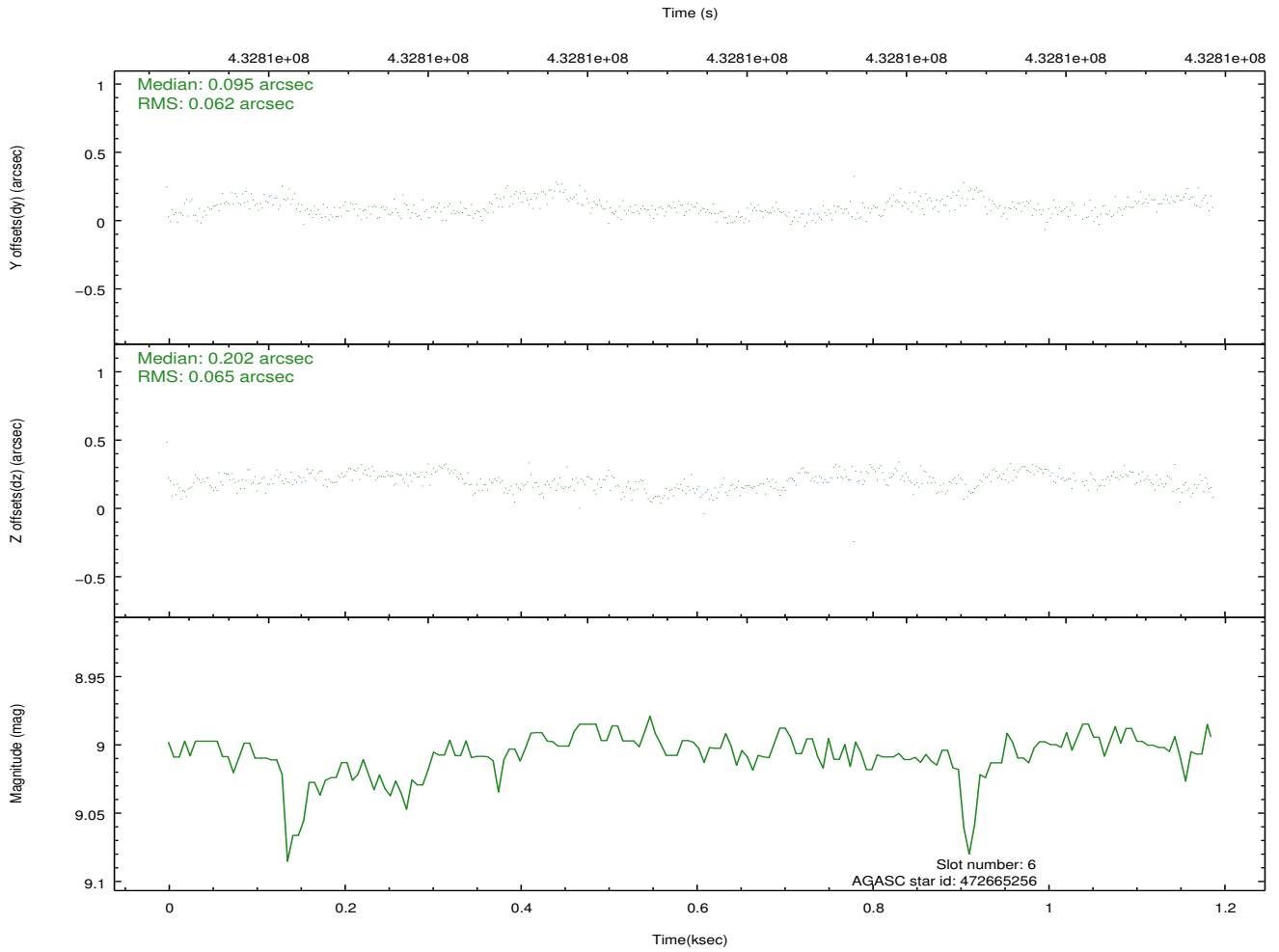
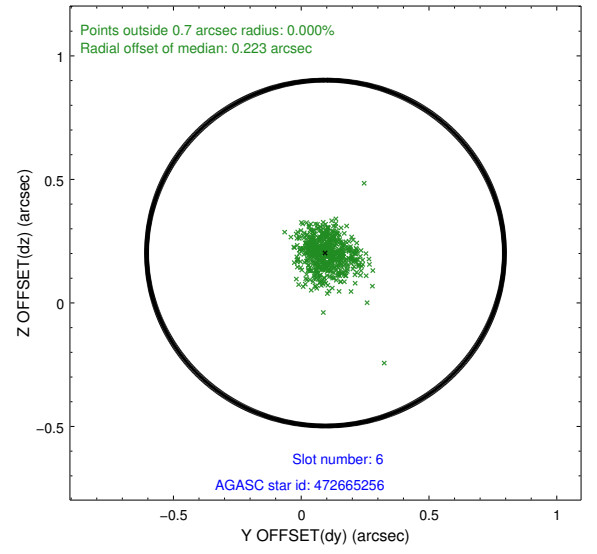
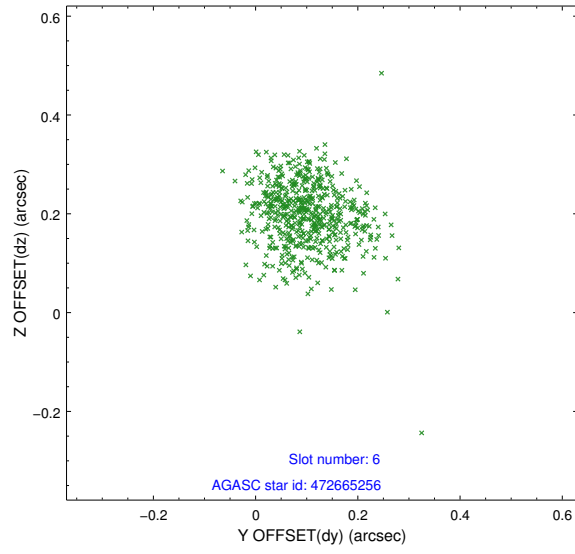
2.4.2 Slot 4



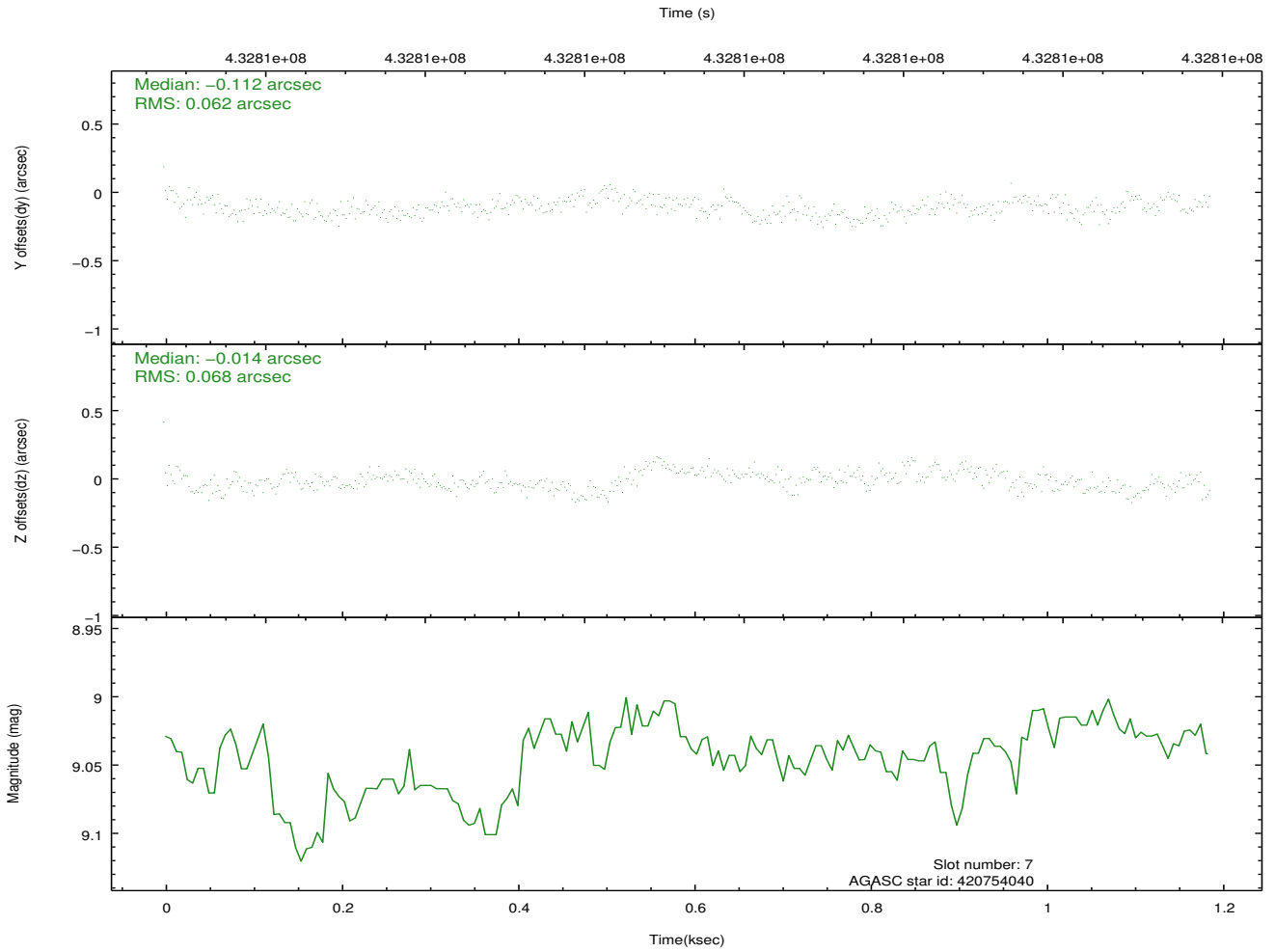
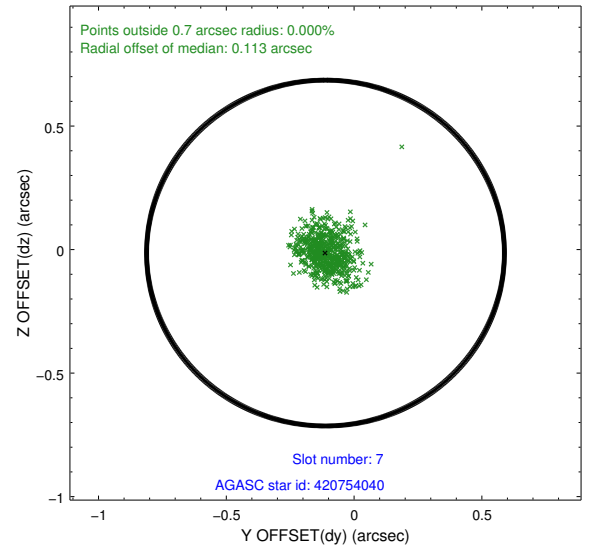
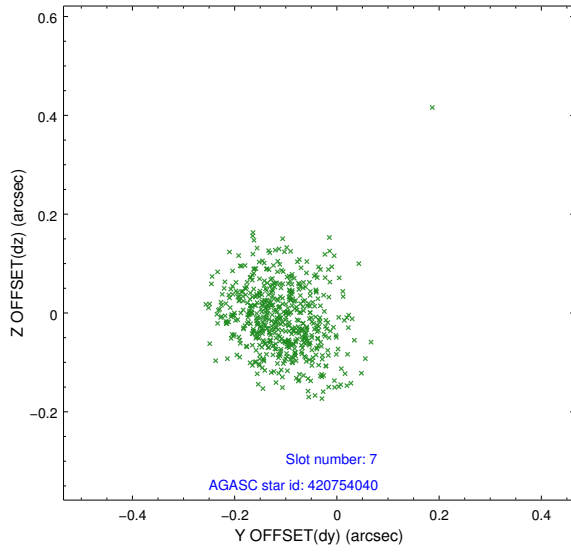
2.4.3 Slot 5



2.4.4 Slot 6

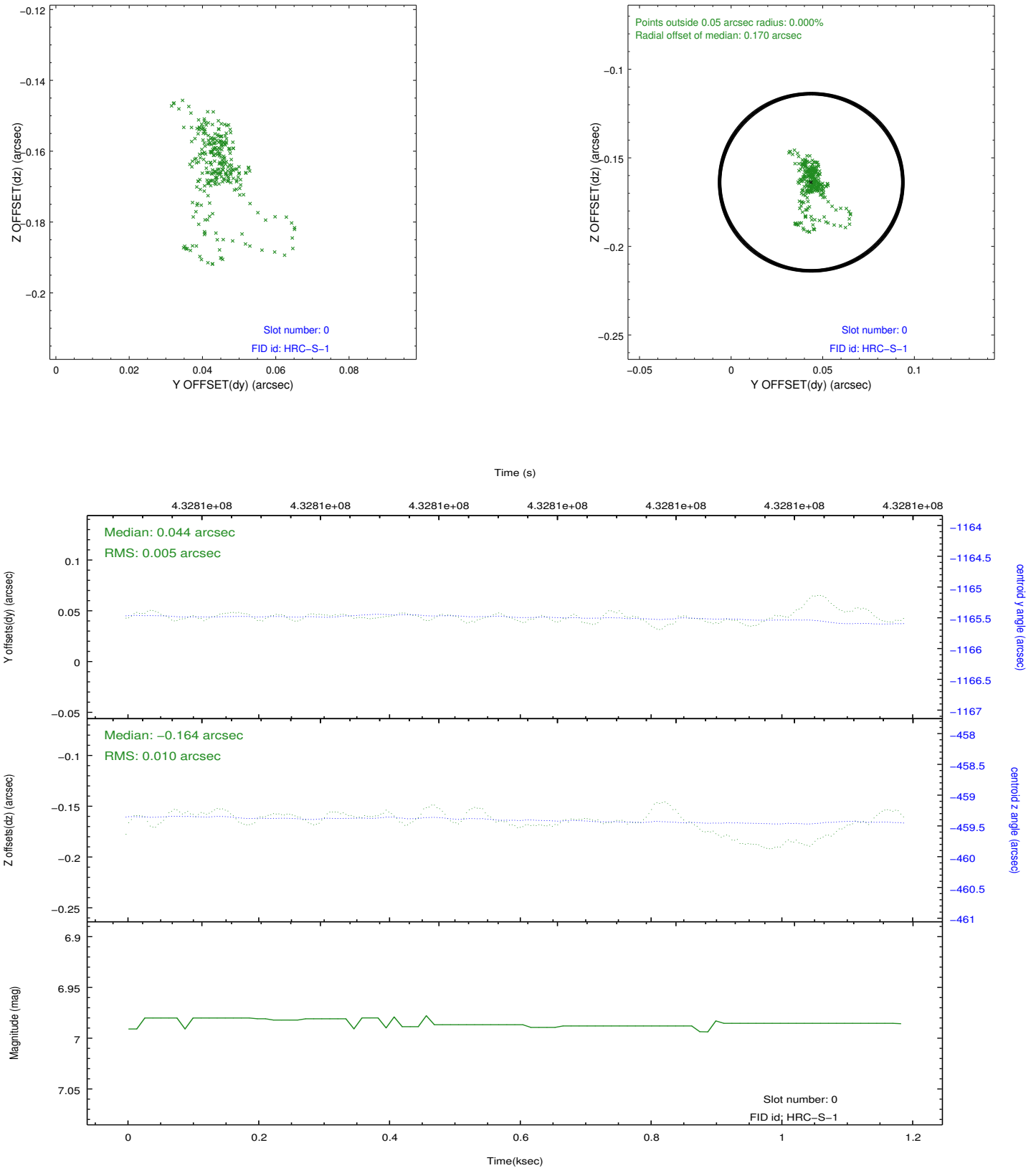


2.4.5 Slot 7

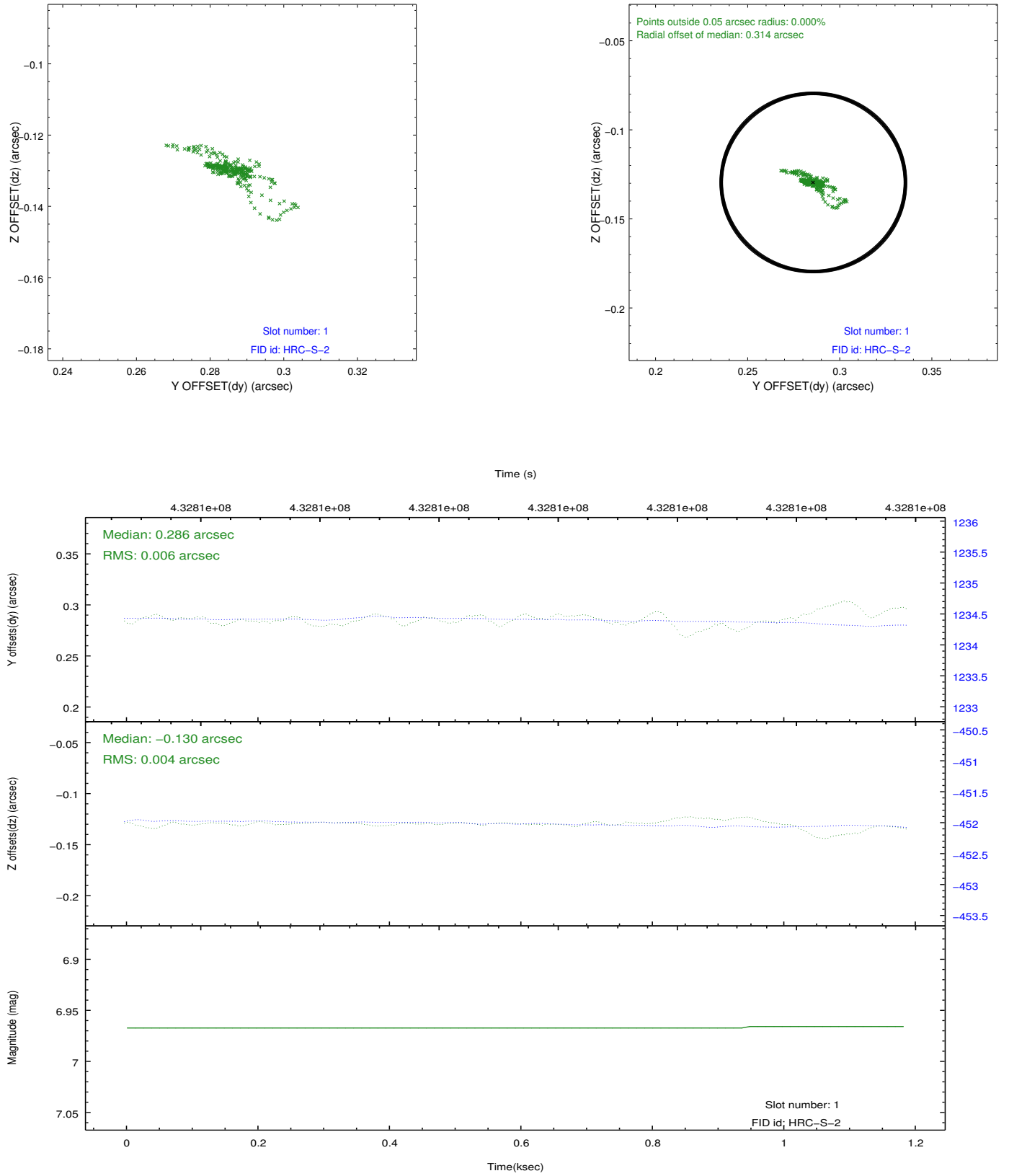


2.5 FID Slots

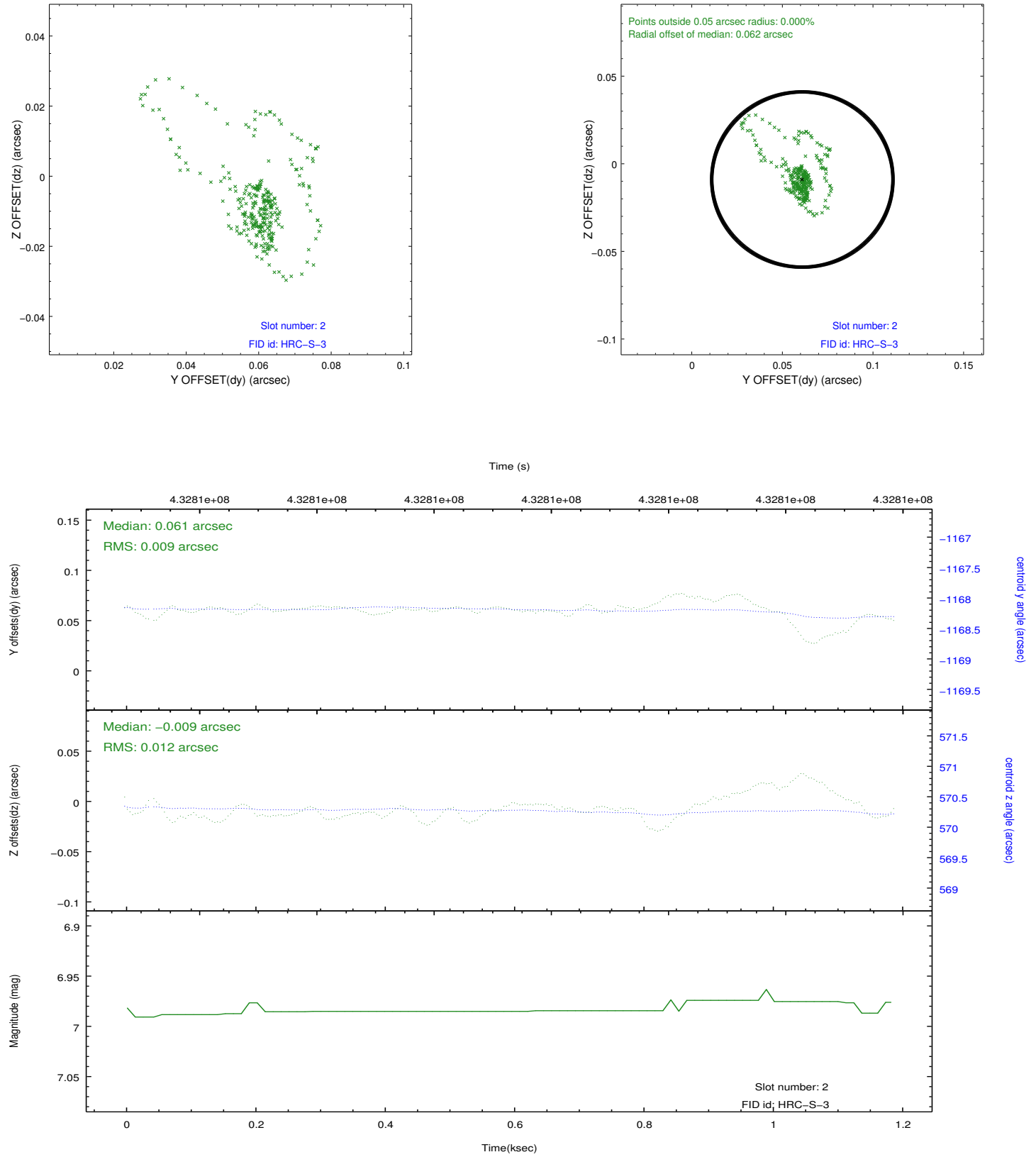
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1595313108563

A.2 Comments