

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16386 - L2 Version 1
Chandra X-Ray Center

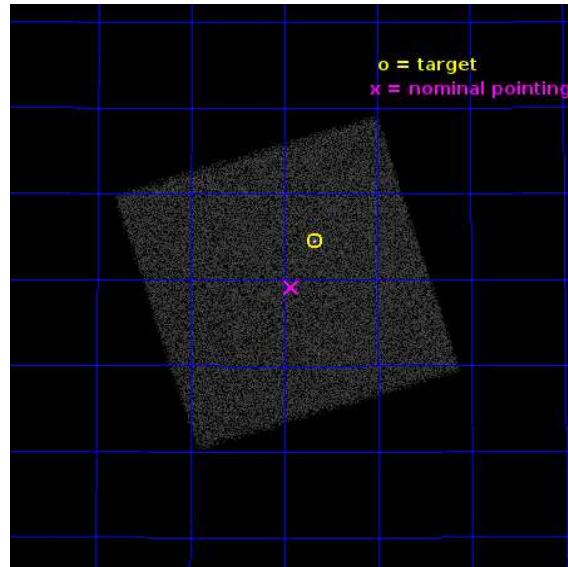
L2 Processing Date : Sep 16 2014

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1 Front

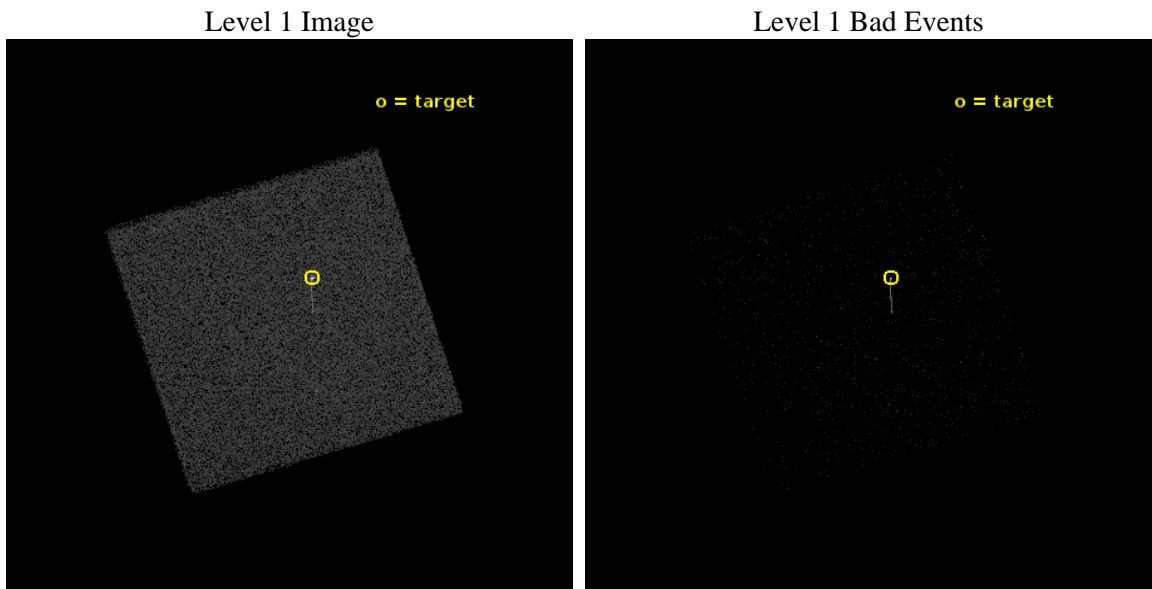
seq_num	291158	Sequence number
obs_id	16386	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23072577647	Nominal RA [deg]
dec_nom	45.652461557614	Nominal Dec [deg]
roll_nom	207.57234252733	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1190.2813161612	[s]
livetime	1180.9054401578	Ontime multiplied by DTCOR
l2events	75433	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	10.2.4	Processing system revision	ontime	1190.2813161612	[s]
caldsver	4.6.3	 	l1events	127118	Number of level 1 events
date	2014-09-16T20:18:28	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

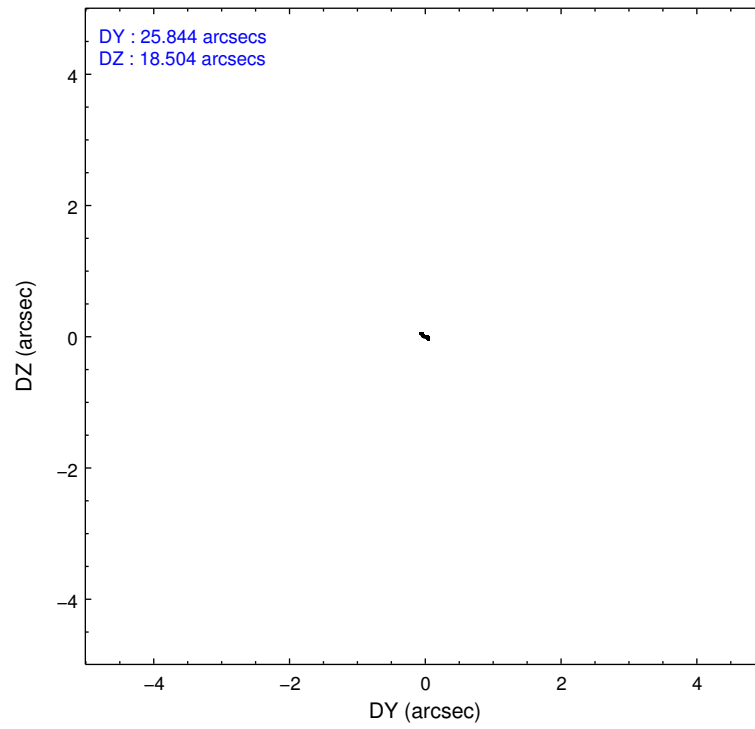
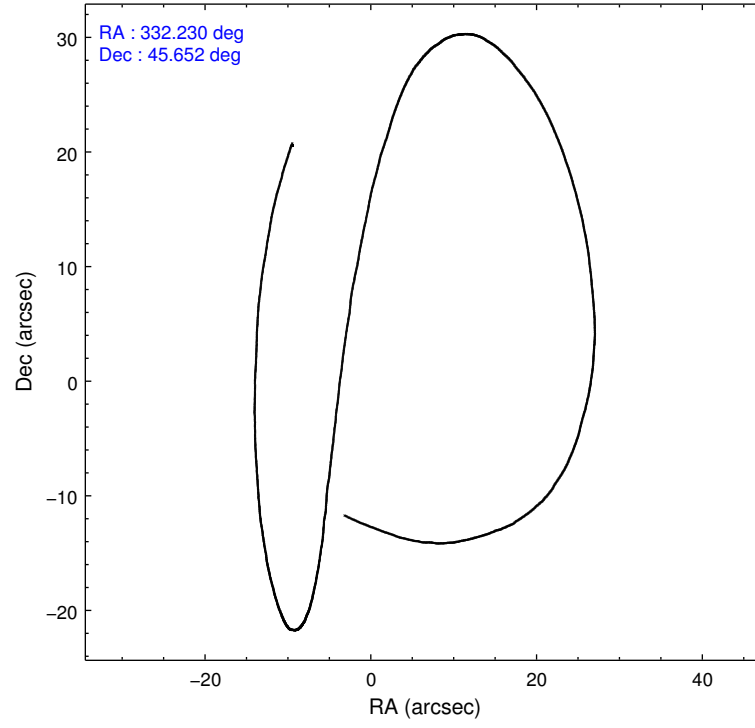
Level 1 Events

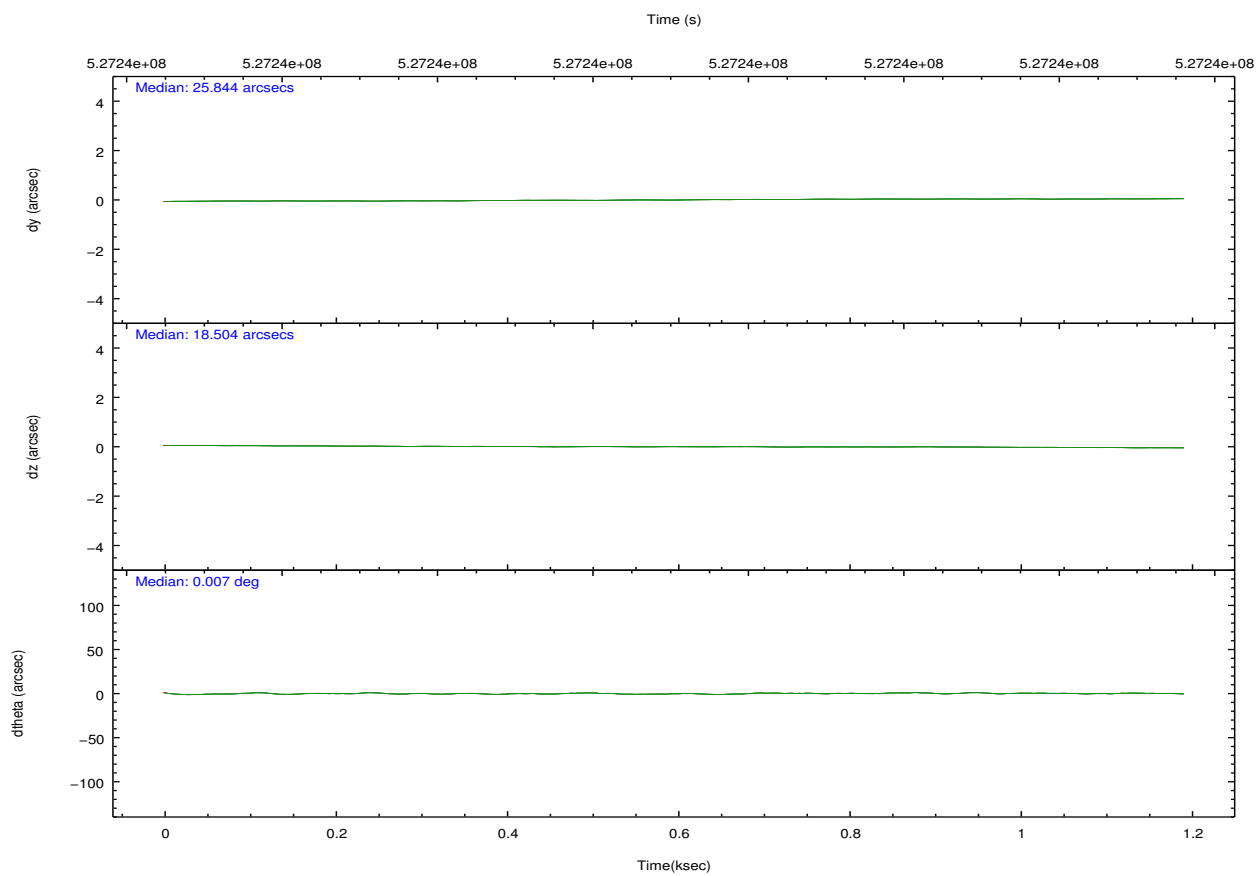
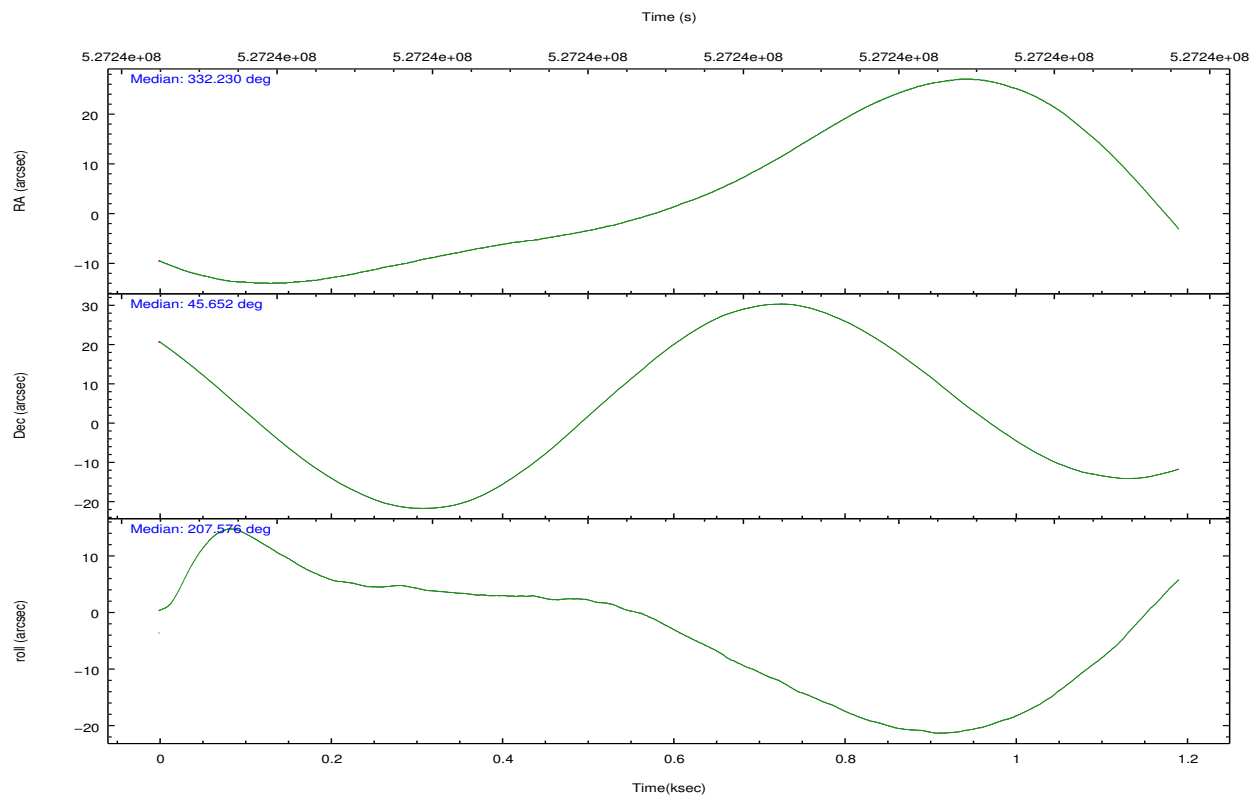
	segment 0
level 1 events	127118
rejected events	27024
rejected %	21%

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	332.250612	332.2307257764679			
[deg] Pointing Dec	45.676608	45.65246155761393			
[deg] Pointing Roll	207.653733	207.5723425273289			
[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)	527238301.184000	527237925.71398			
Observation start date	2014-09-16T07:03:54	2014-09-16T06:58:45			
[s] Observation end time (MET)	527239301.184000	527239435.53907			
Observation end date	2014-09-16T07:20:34	2014-09-16T07:23:55			

2.3 Aspect



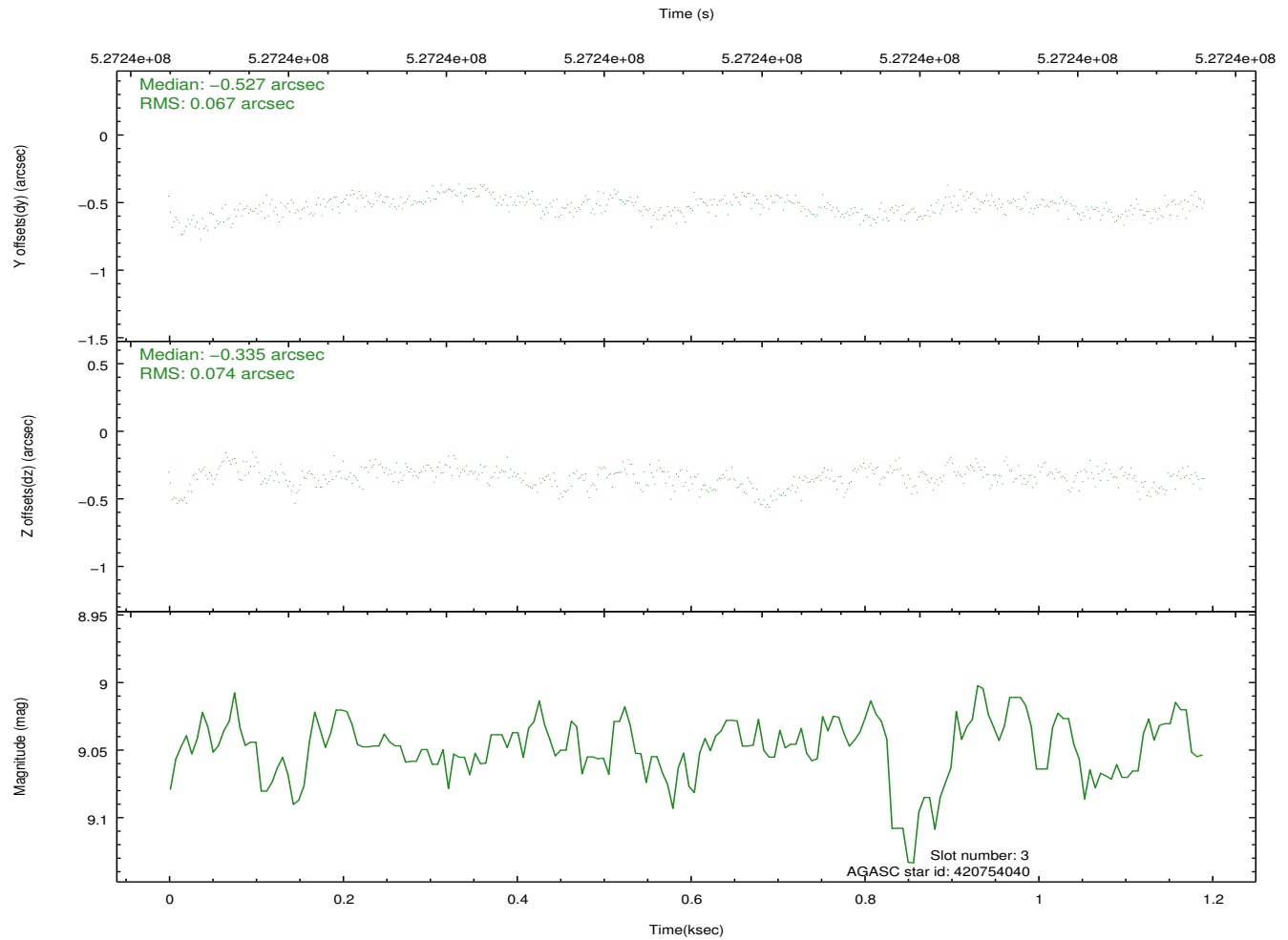
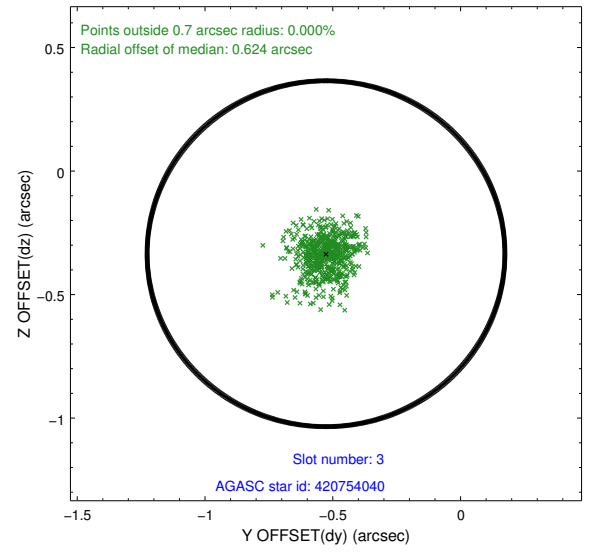
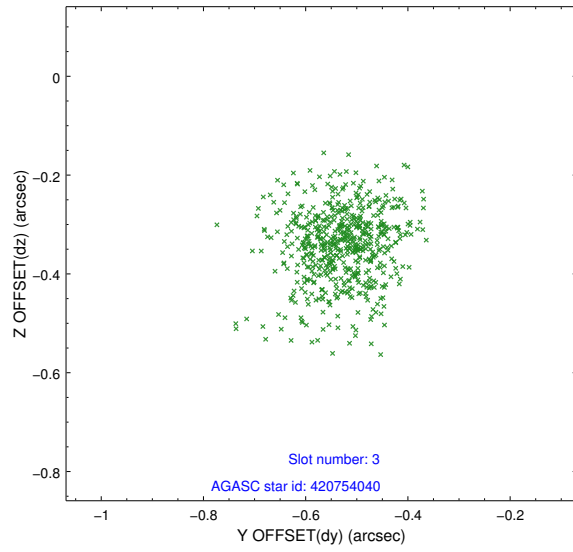


Slot Statistics

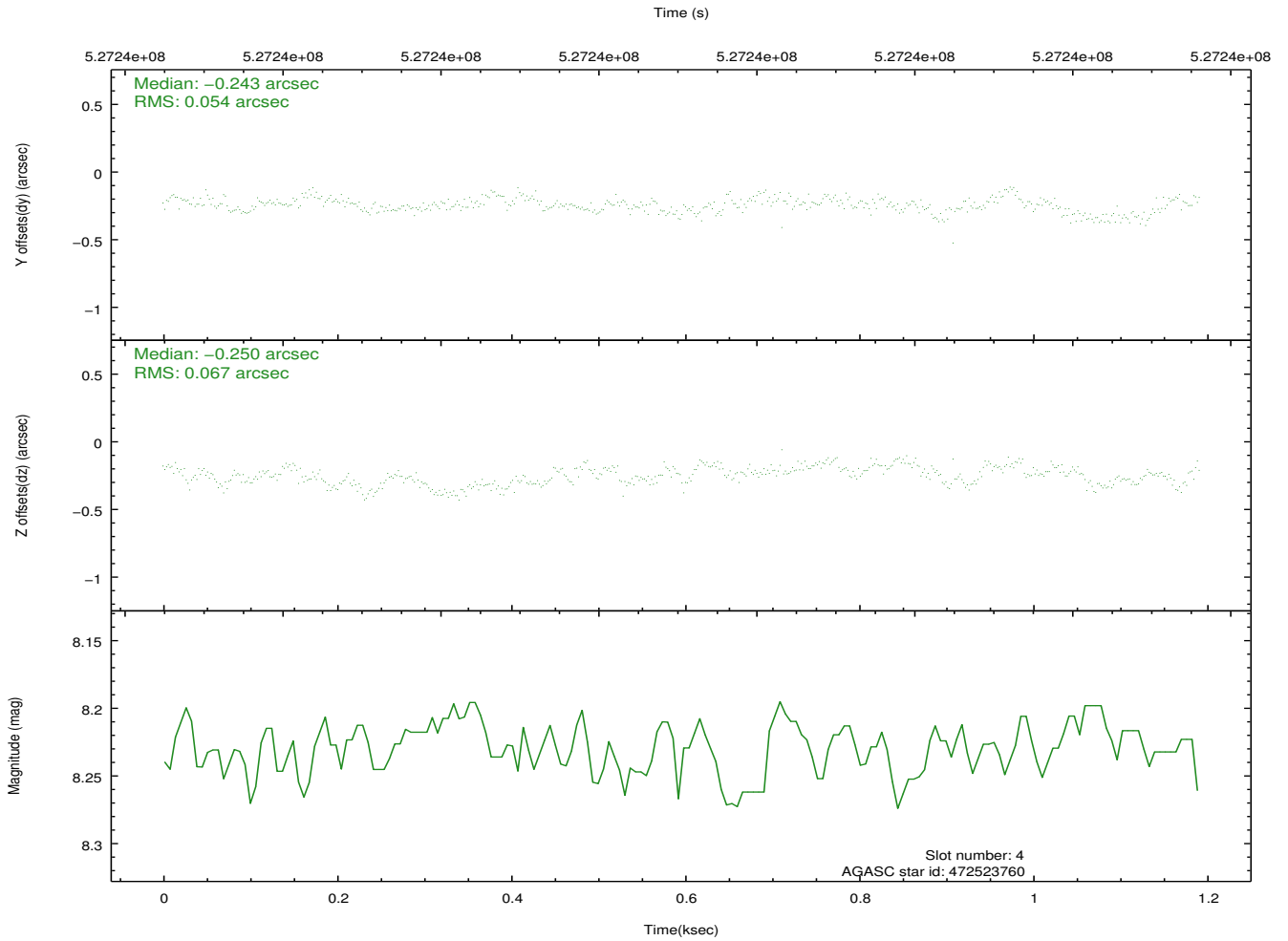
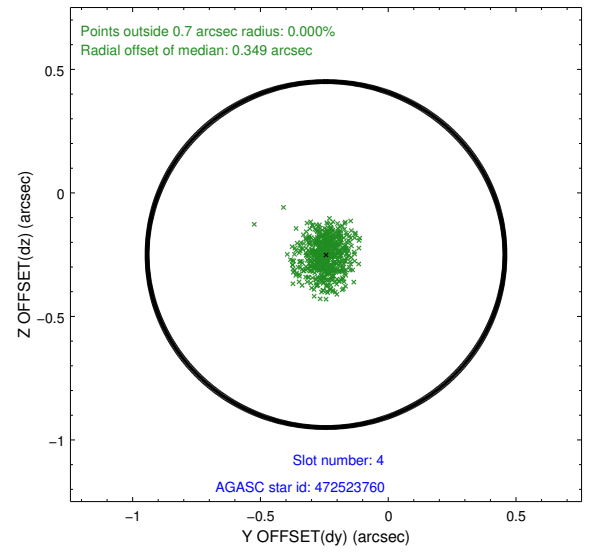
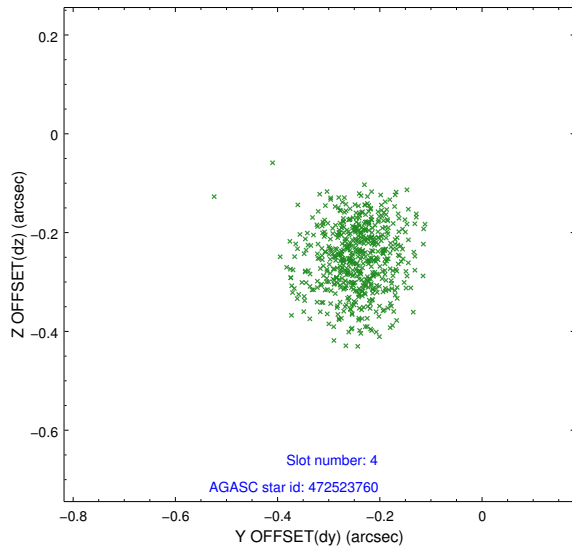
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	291	-0.120	0.021	0.008	0.011	0.000000	0.000000	-782.03	-1306.69
1	FID	HRC-I-2	7.06	291	0.239	-0.087	0.006	0.011	0.000000	0.000000	828.27	-1312.82
2	FID	HRC-I-3	7.11	291	-0.000	-0.023	0.006	0.011	0.000000	0.000000	-1207.60	993.30
3	GUIDE	420754040	9.05	582	-0.527	-0.335	0.106	0.179	331.917939	44.882543	2075.33	2133.99
4	GUIDE	472523760	8.23	582	-0.243	-0.250	0.093	0.146	331.645363	45.403260	1812.42	157.23
5	GUIDE	472655152	9.42	582	0.077	0.153	0.202	0.326	332.504239	45.862991	-872.12	-302.10
6	GUIDE	472663080	9.39	582	0.358	0.301	0.154	0.246	332.652741	46.473840	-2217.86	-2084.48
7	GUIDE	472665256	8.98	581	0.350	0.144	0.114	0.182	332.808125	46.195041	-2102.78	-1018.63

2.4 Star Slots

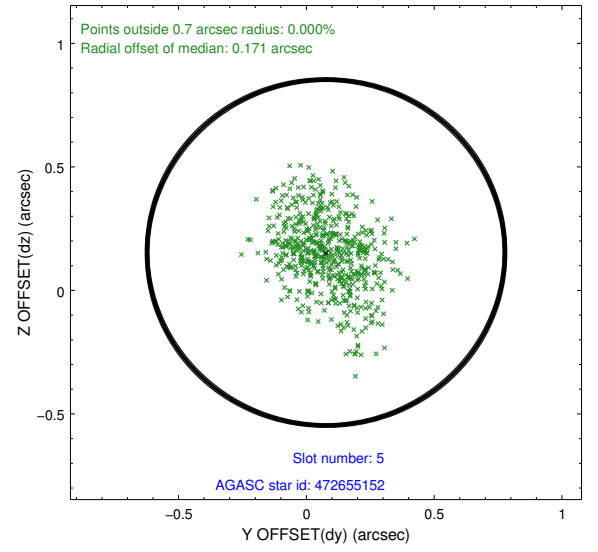
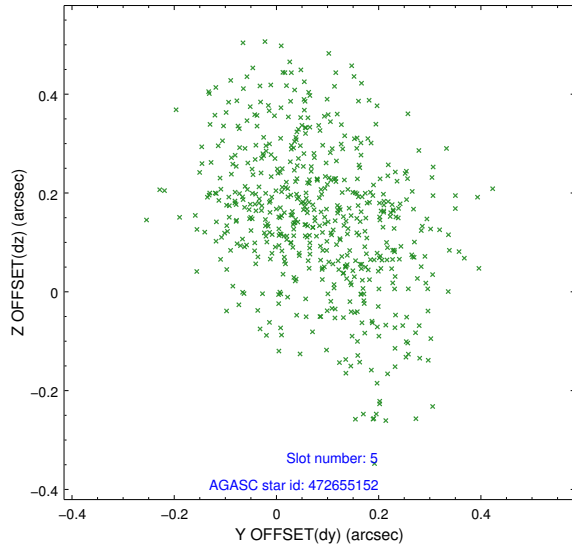
2.4.1 Slot 3



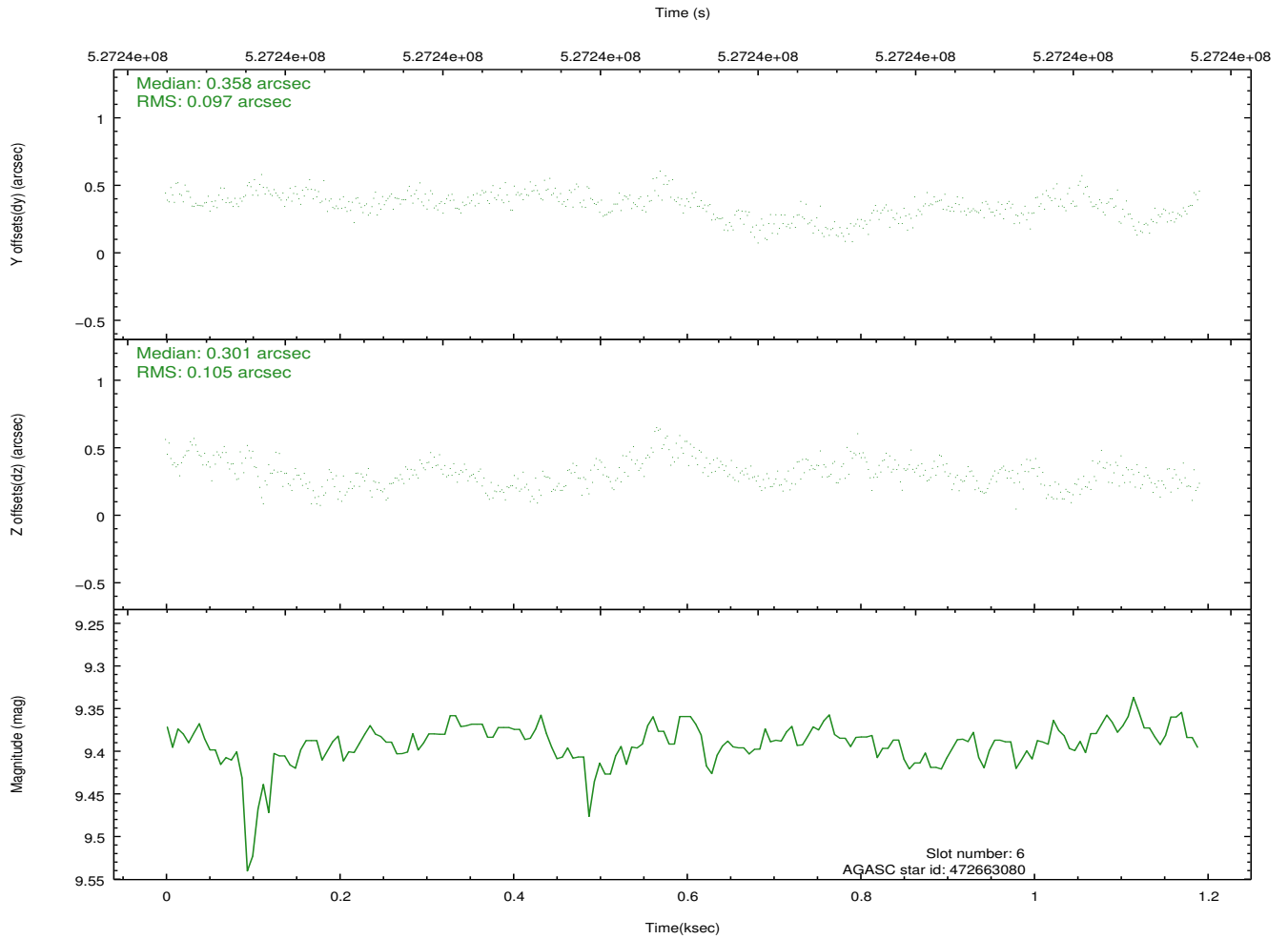
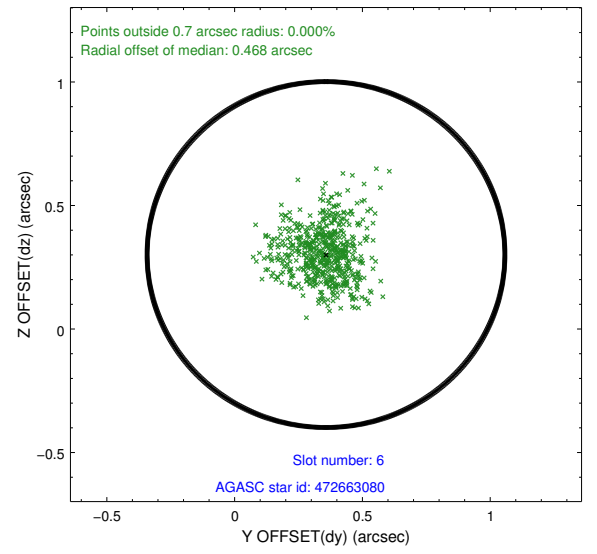
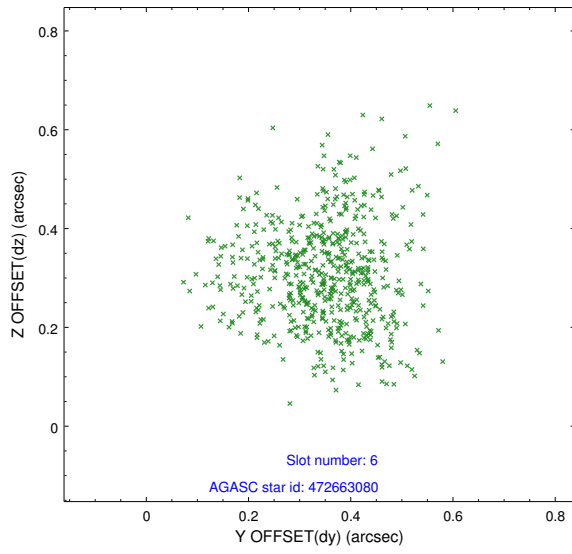
2.4.2 Slot 4



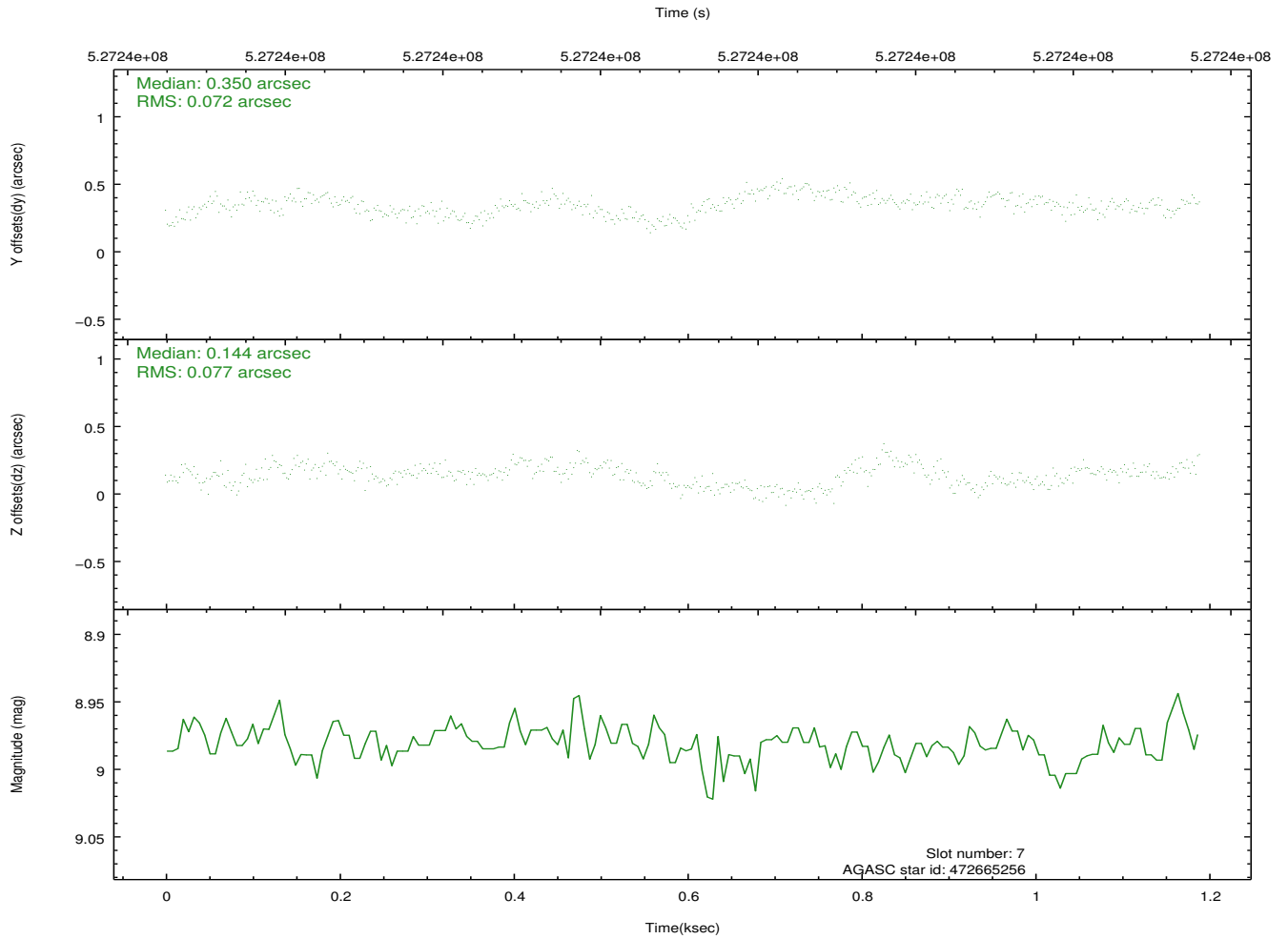
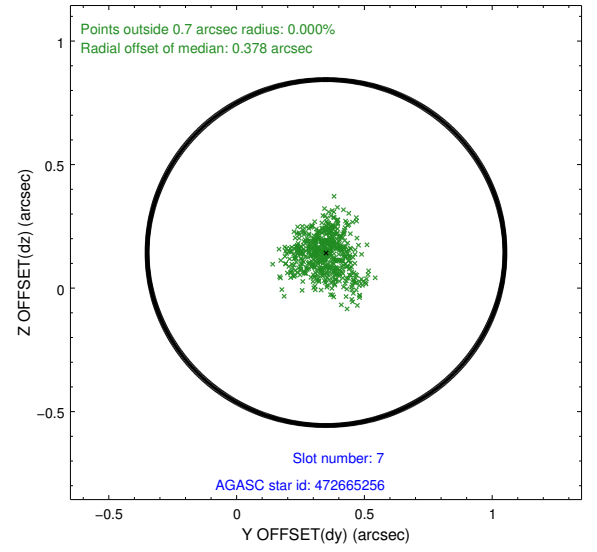
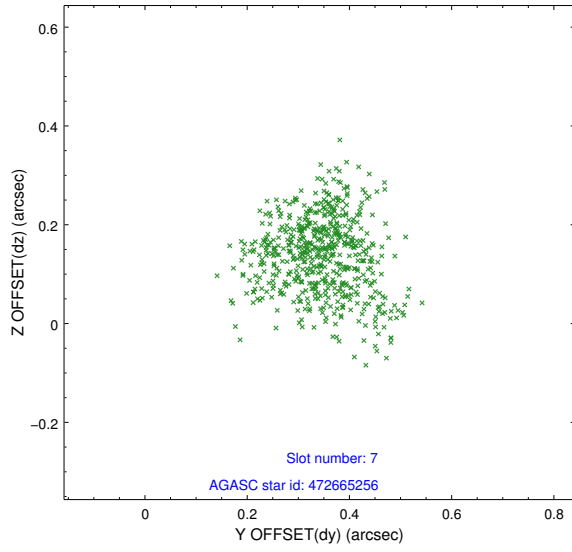
2.4.3 Slot 5



2.4.4 Slot 6

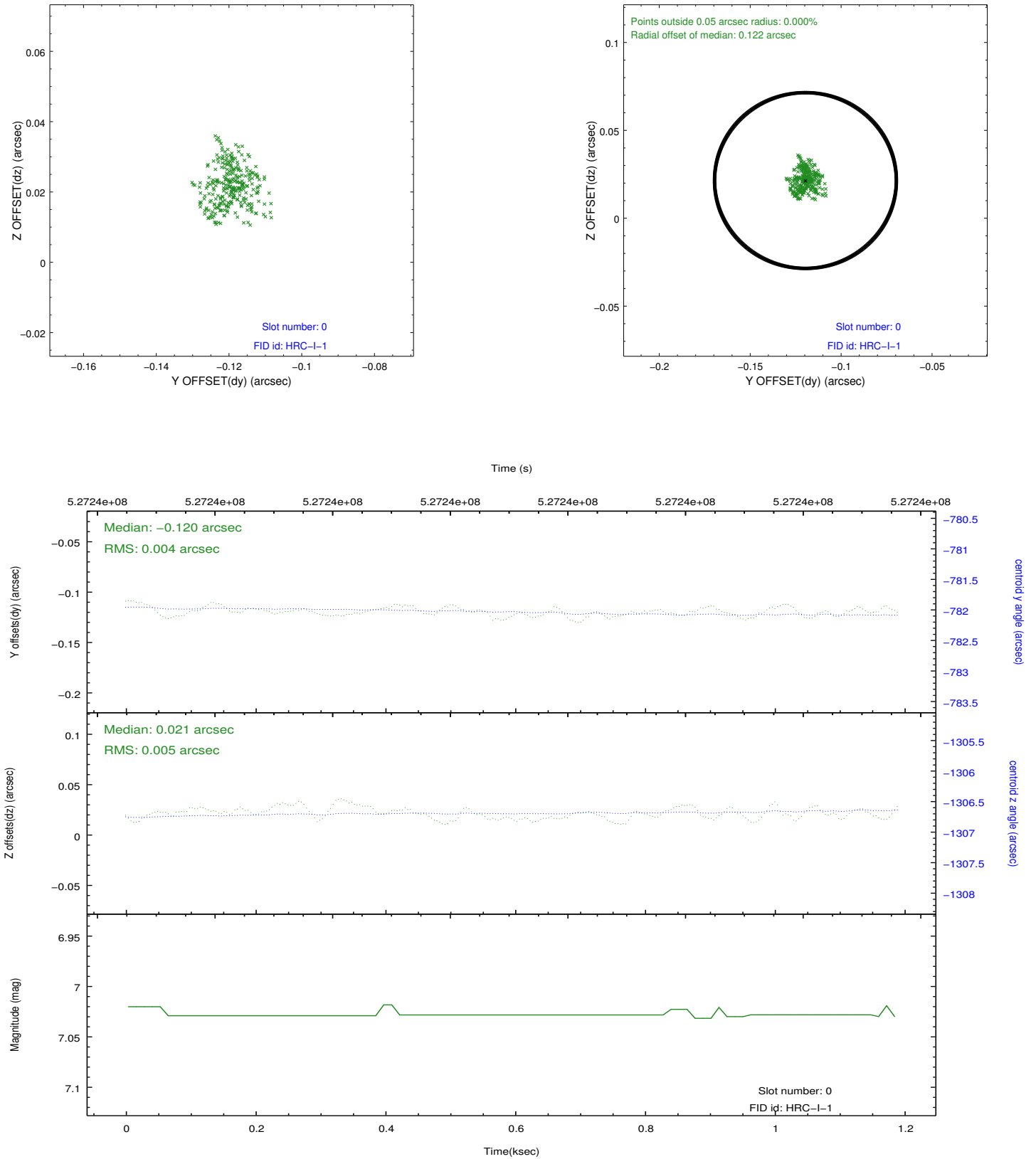


2.4.5 Slot 7

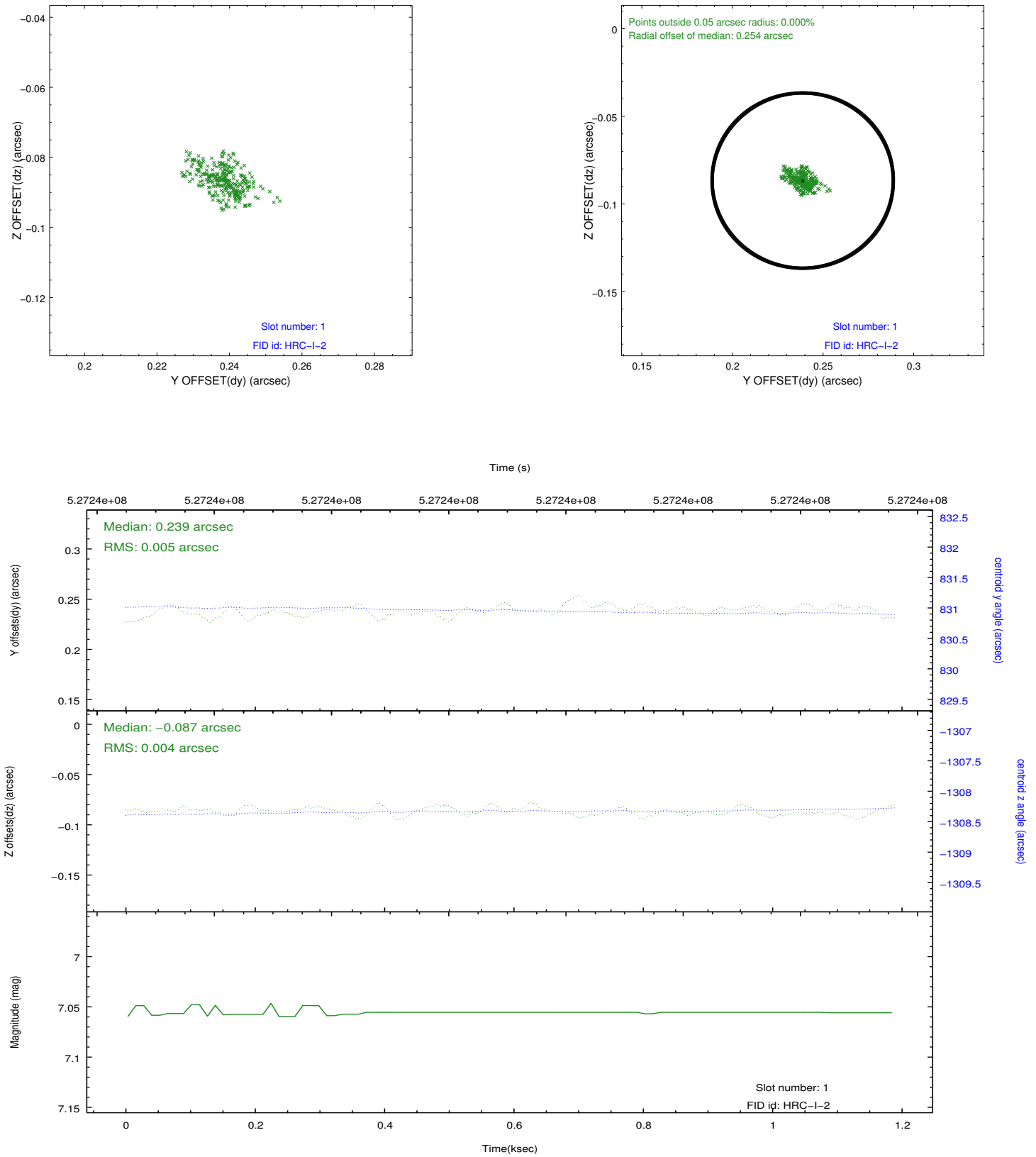


2.5 FID Slots

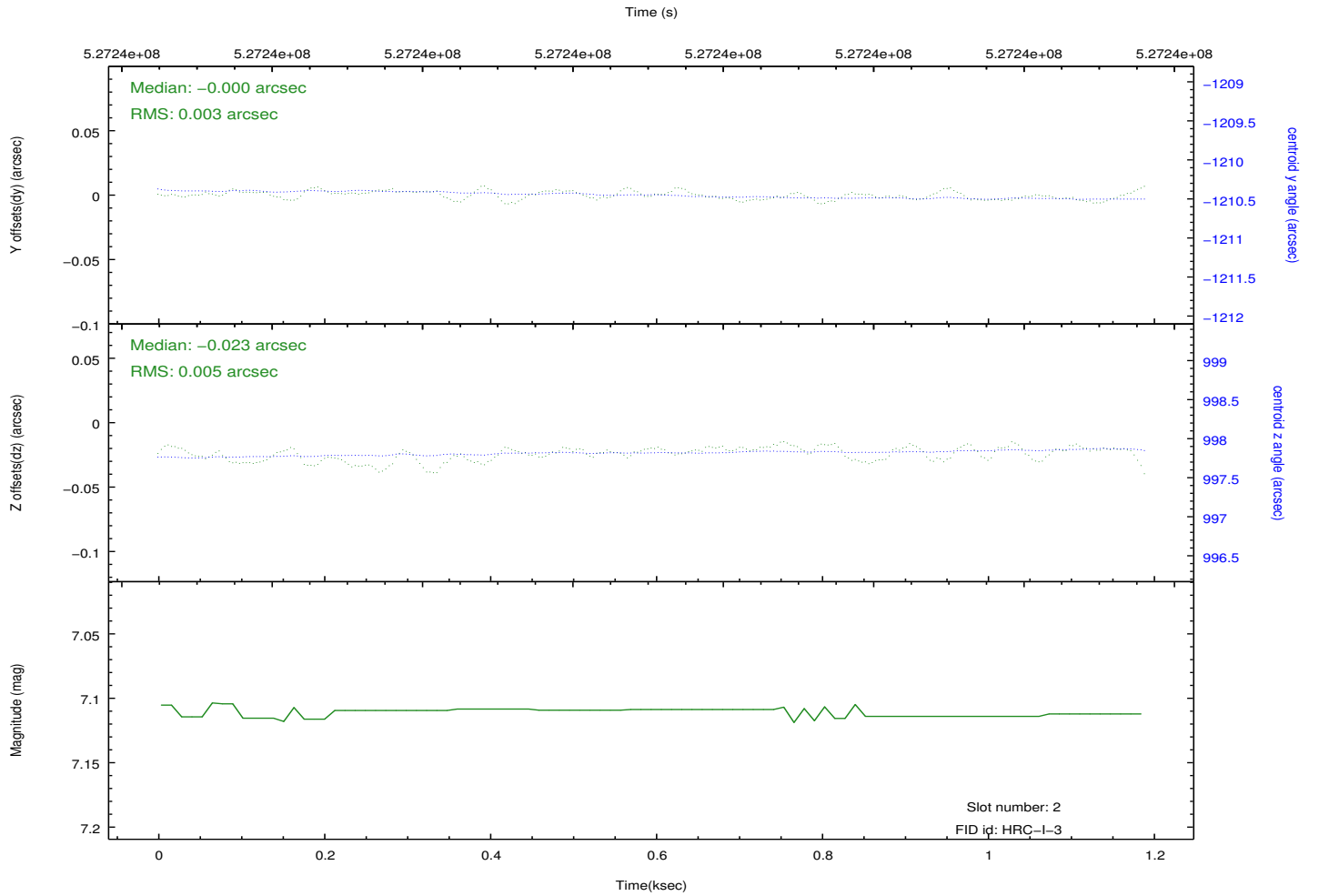
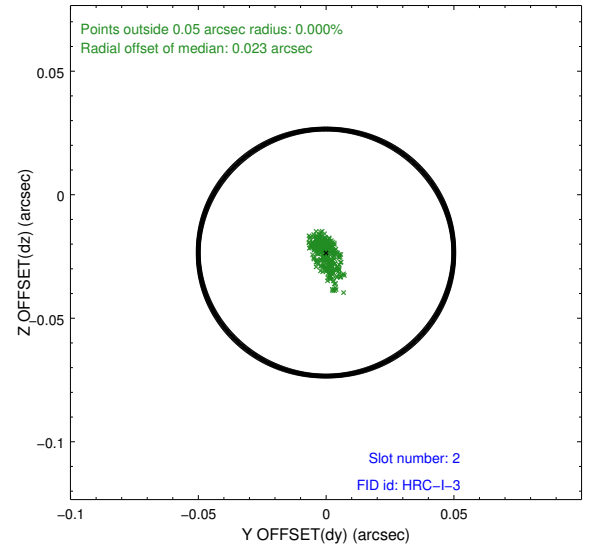
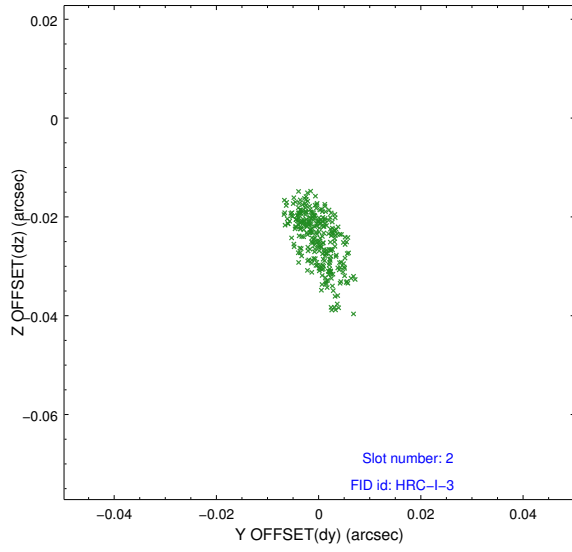
2.5.1 Slot 0



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)	2014.09.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813161612

A.2 Comments