

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16384 - L2 Version 1
Chandra X-Ray Center

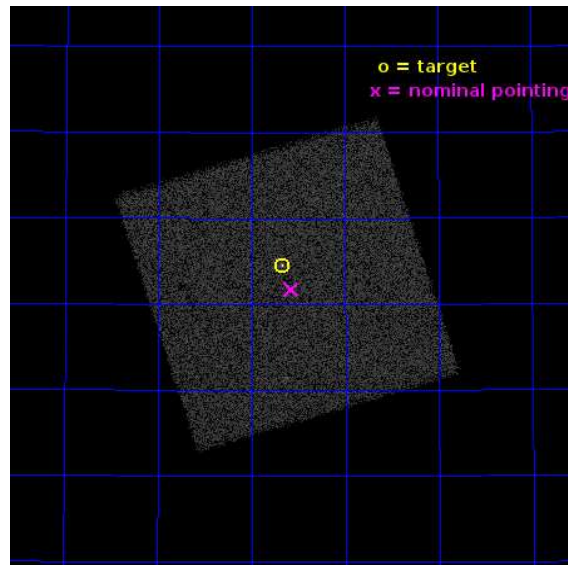
L2 Processing Date : Sep 16 2014

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1 Front

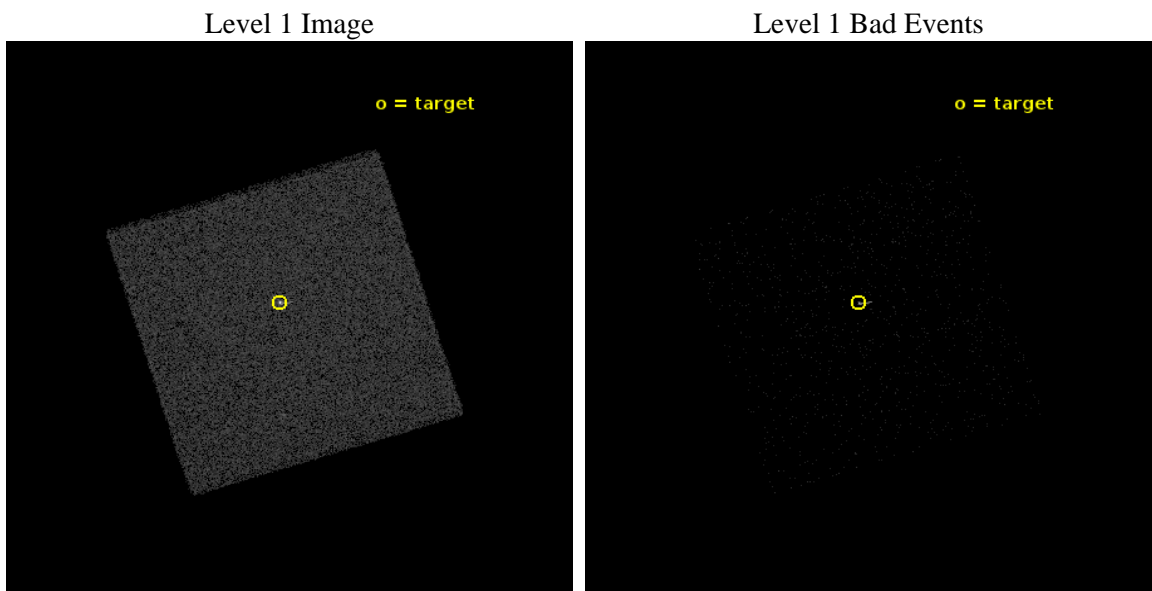
seq_num	291156	Sequence number
obs_id	16384	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14405597241	Nominal RA [deg]
dec_nom	45.695566871528	Nominal Dec [deg]
roll_nom	207.61664631039	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1173.8813152313	[s]
livetime	1164.553941912	Ontime multiplied by DTCOR
l2events	75281	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	1173.8813152313	[s]
caldbver	4.6.3	 	l1events	128493	Number of level 1 events
date	2014-09-16T19:57:52	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

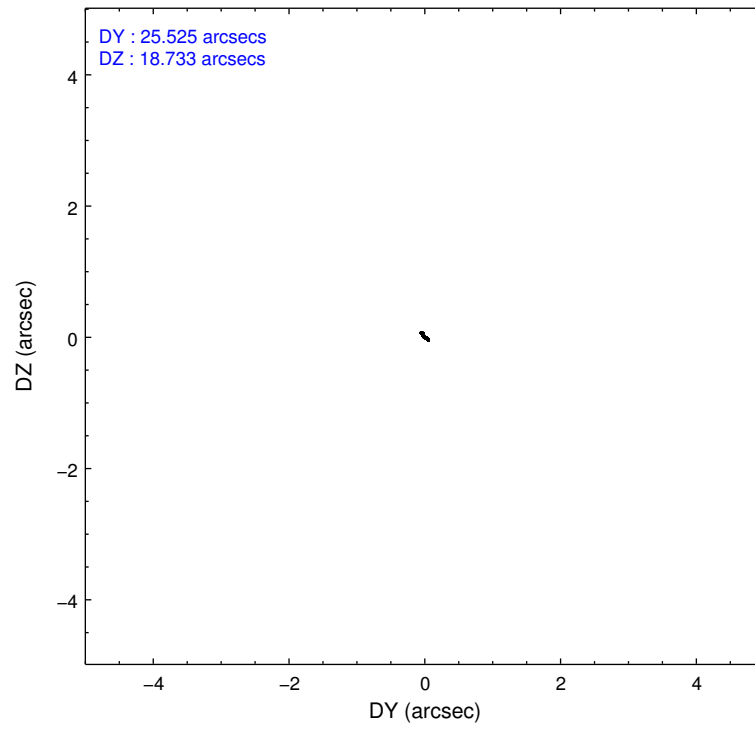
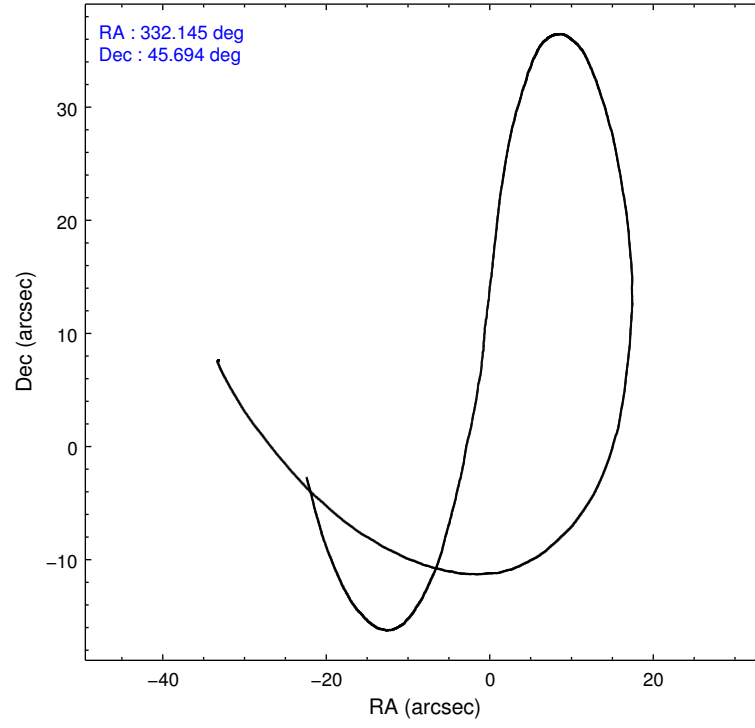
	segment 0
level 1 events	128493
rejected events	28606
rejected %	22%

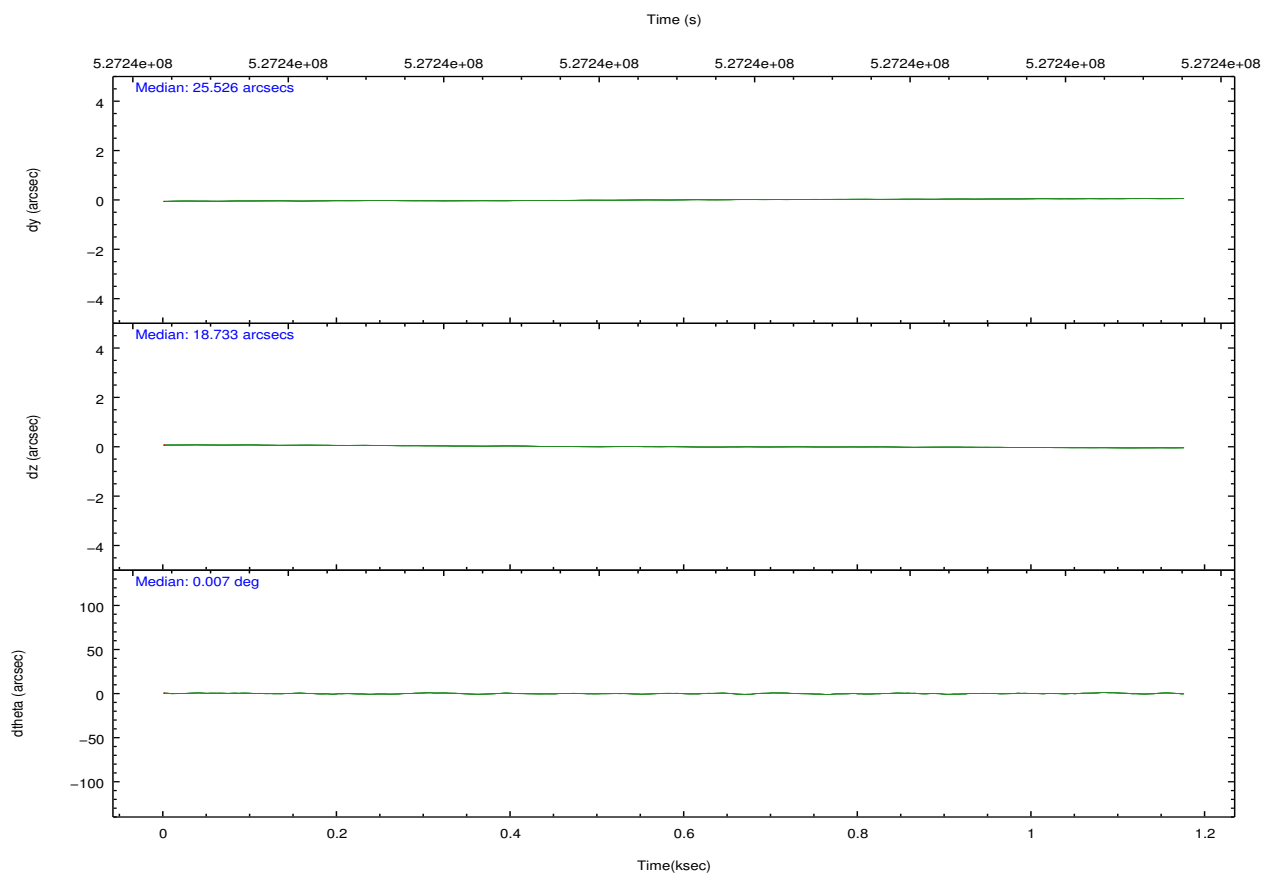
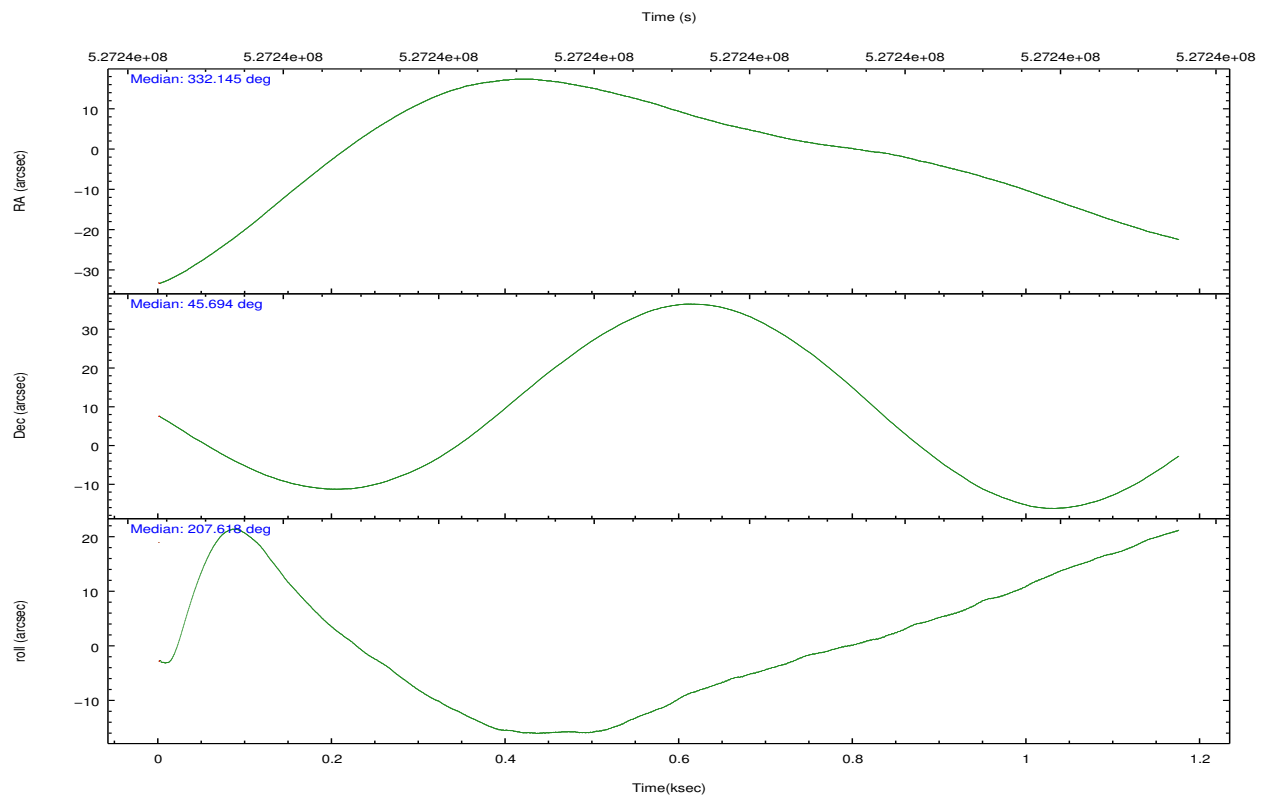
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.163999	332.1440559724094
[deg] Pointing Dec	45.720147	45.69556687152755
[deg] Pointing Roll	207.698257	207.6166463103903
[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)	527235281.184000	527234905.55131
Observation start date	2014-09-16T06:13:34	2014-09-16T06:08:25
[s] Observation end time (MET)	527236281.184000	527236415.3764
Observation end date	2014-09-16T06:30:14	2014-09-16T06:33:35

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

2.3 Aspect



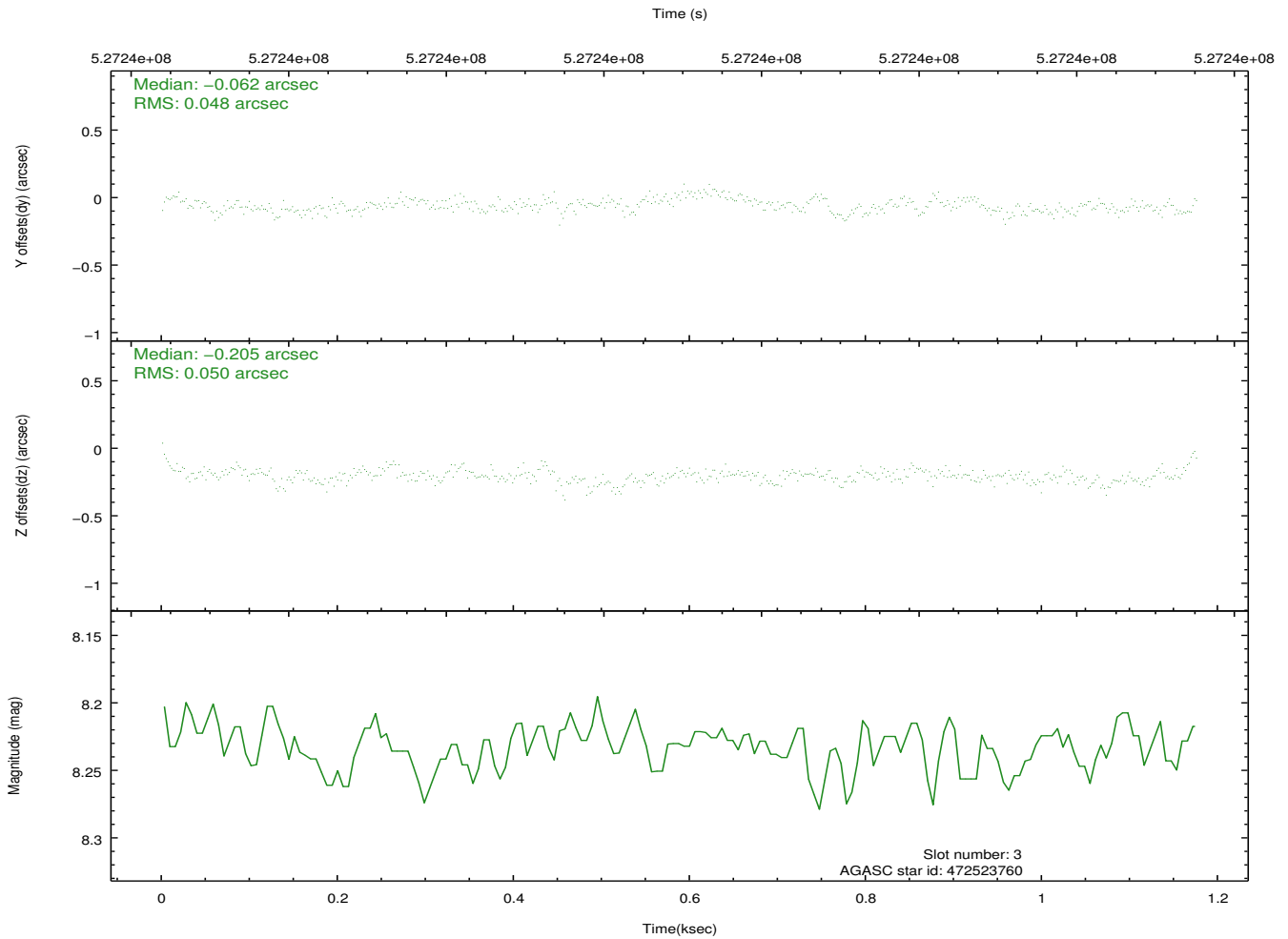
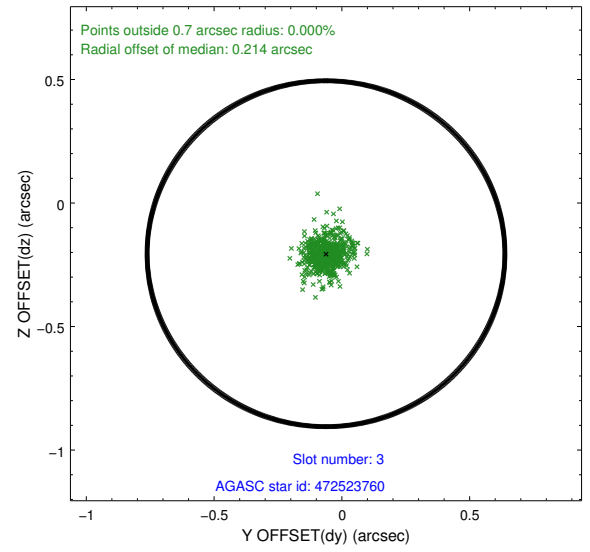
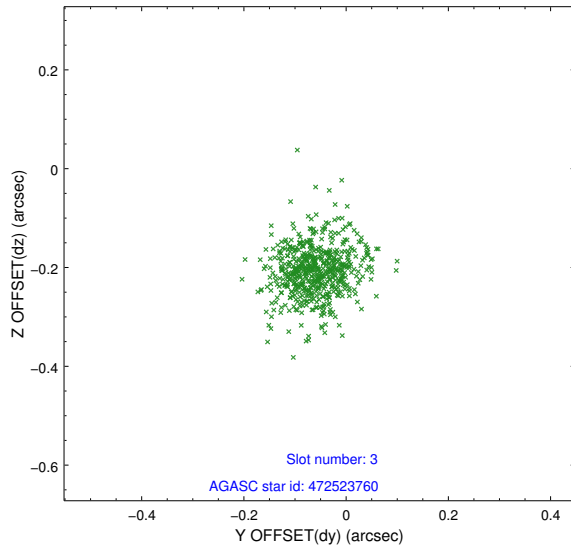


Slot Statistics

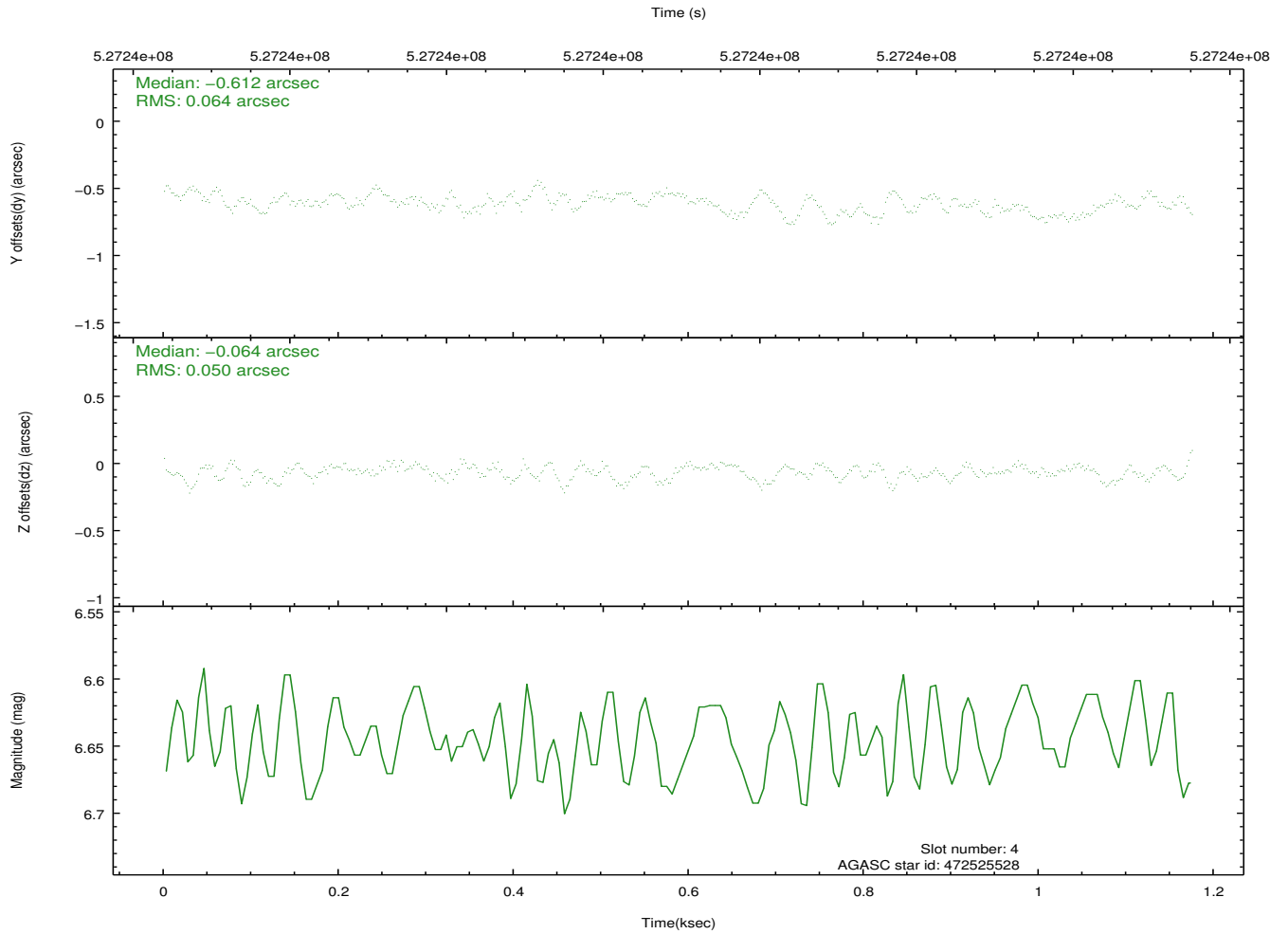
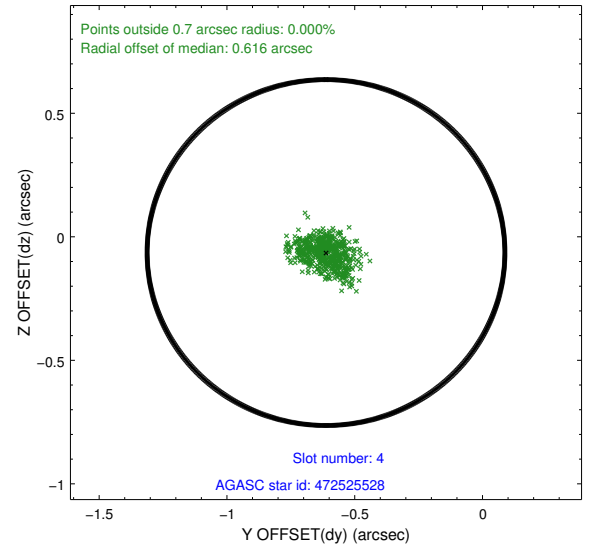
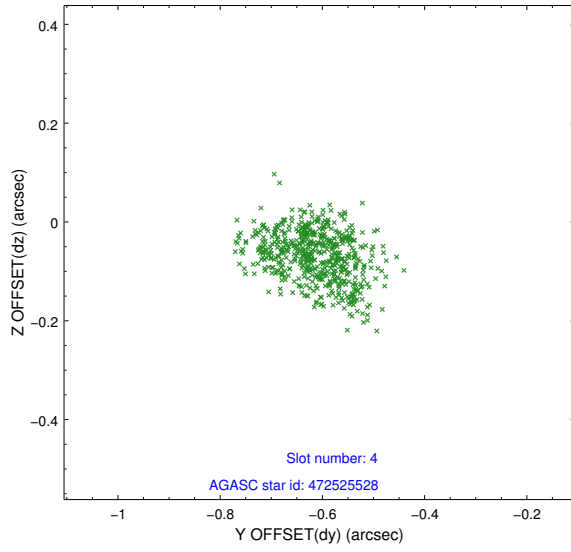
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	287	-0.125	0.014	0.008	0.013	0.000000	0.000000	-781.70	-1306.95
1	FID	HRC-I-2	7.06	287	0.240	-0.081	0.008	0.014	0.000000	0.000000	828.57	-1313.12
2	FID	HRC-I-3	7.12	287	0.004	-0.025	0.009	0.020	0.000000	0.000000	-1207.24	992.99
3	GUIDE	472523760	8.23	574	-0.062	-0.205	0.071	0.121	331.645363	45.403260	1688.02	392.80
4	GUIDE	472525528	6.65	574	-0.612	-0.064	0.088	0.143	331.551102	45.248694	2162.80	772.09
5	GUIDE	472665256	8.98	574	0.450	0.251	0.101	0.176	332.808125	46.195041	-2215.75	-775.70
6	GUIDE	420754040	9.05	574	-0.310	-0.347	0.115	0.189	331.917939	44.882543	1950.03	2371.90
7	GUIDE	472663080	9.38	573	0.541	0.365	0.146	0.243	332.652741	46.473840	-2333.01	-1841.90

2.4 Star Slots

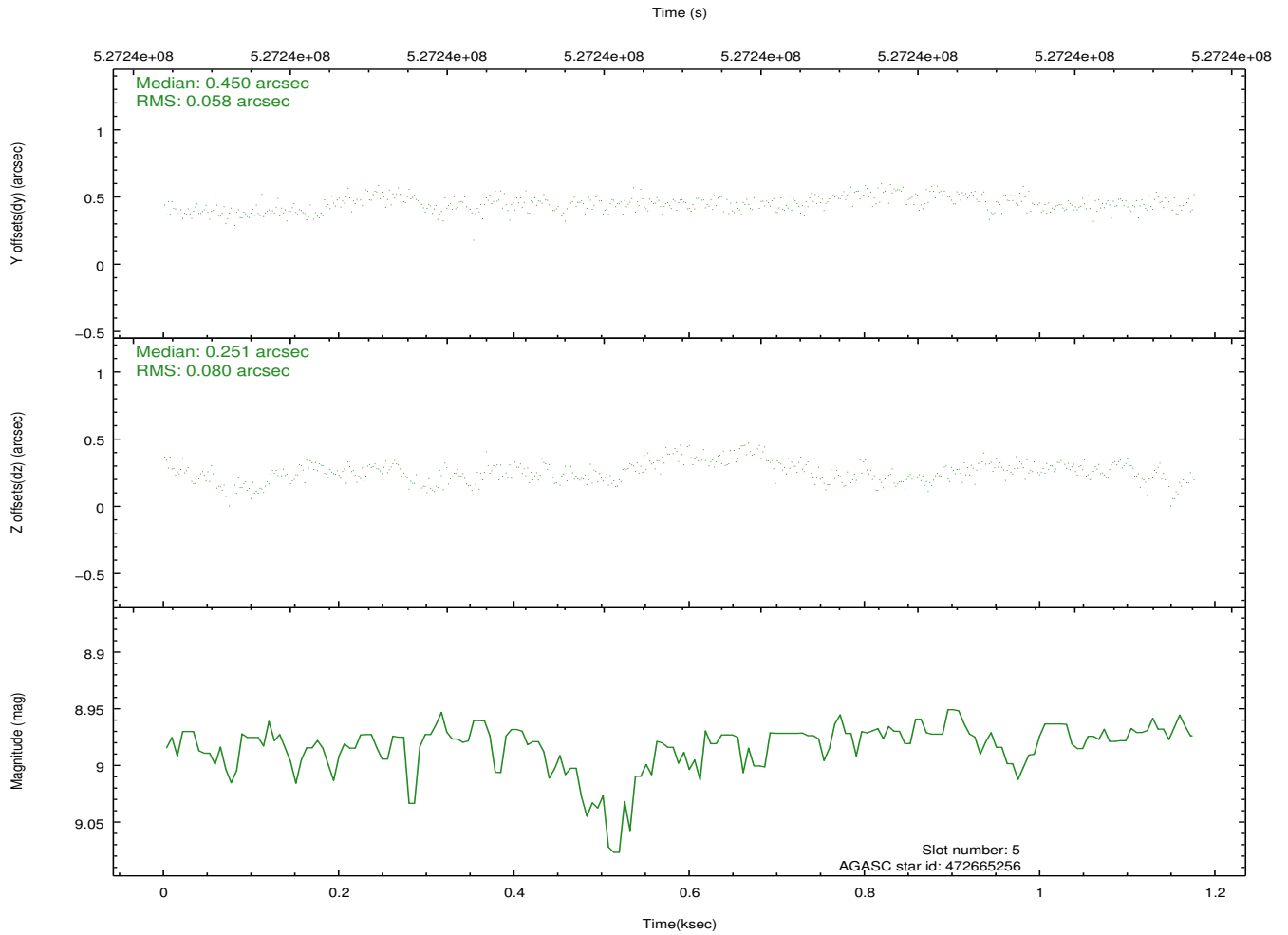
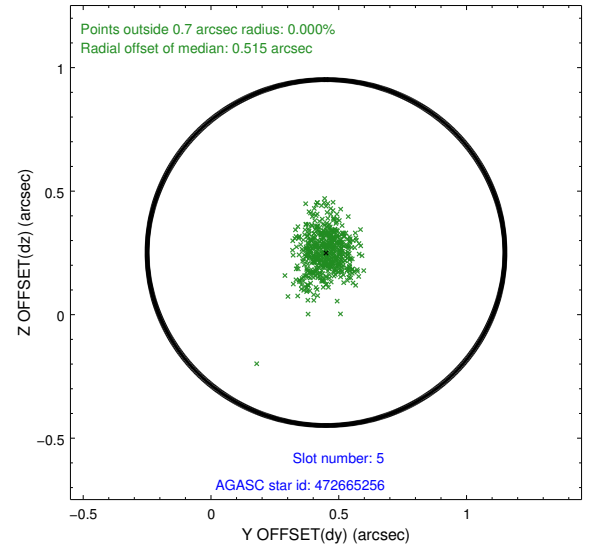
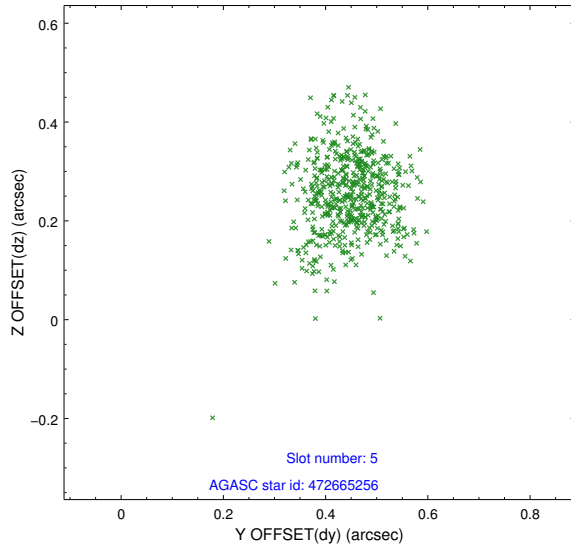
2.4.1 Slot 3



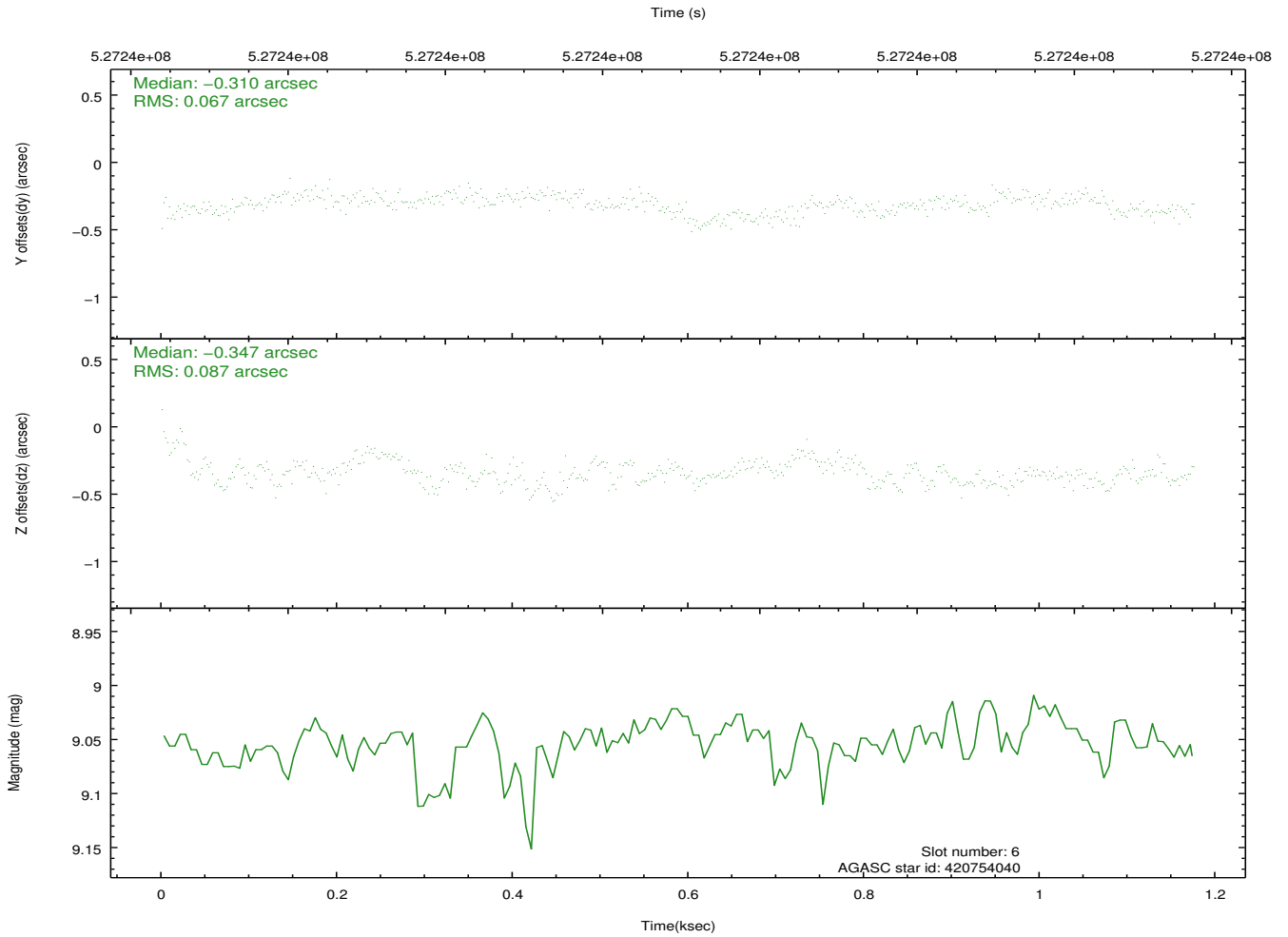
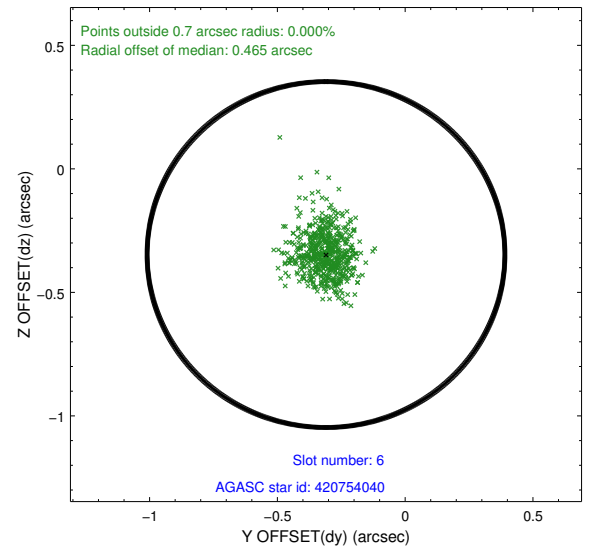
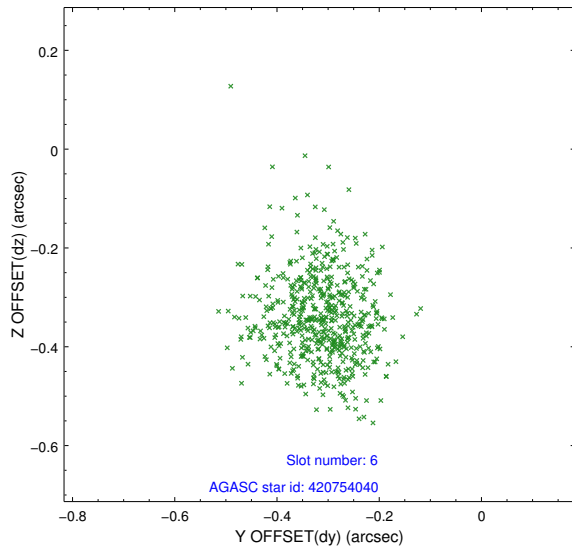
2.4.2 Slot 4



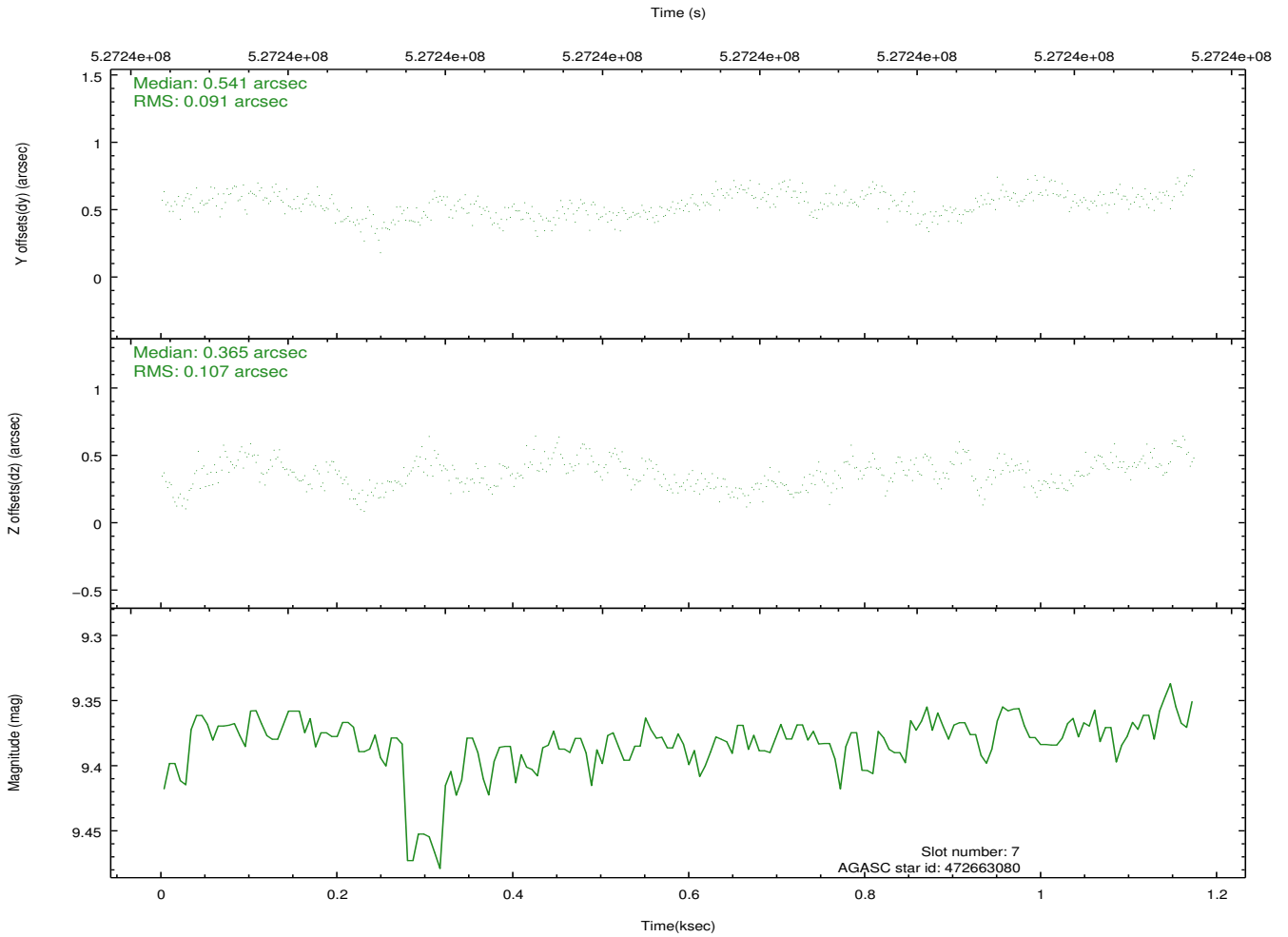
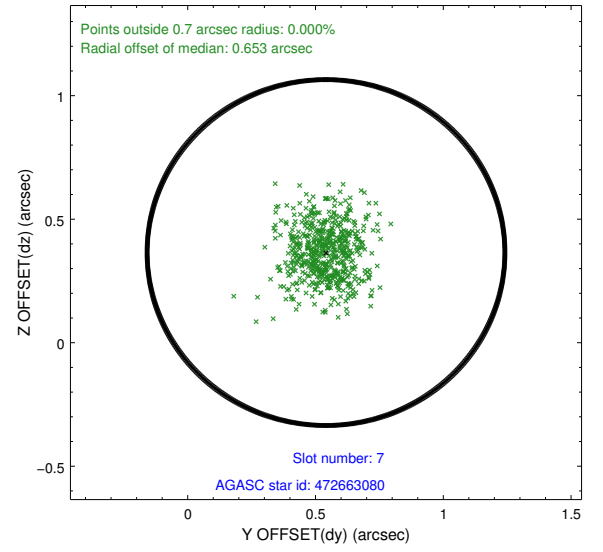
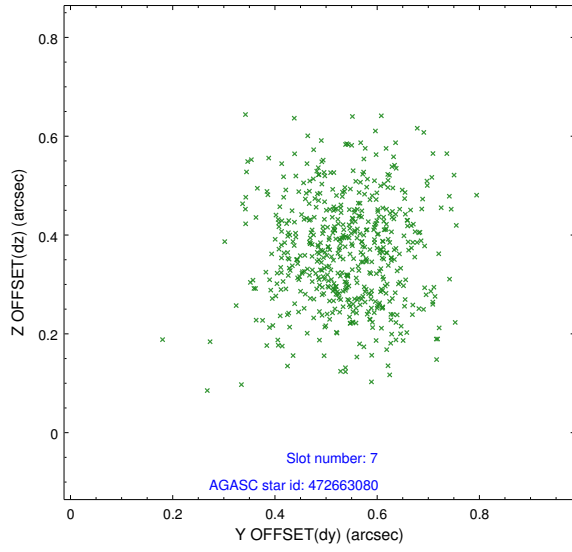
2.4.3 Slot 5



2.4.4 Slot 6

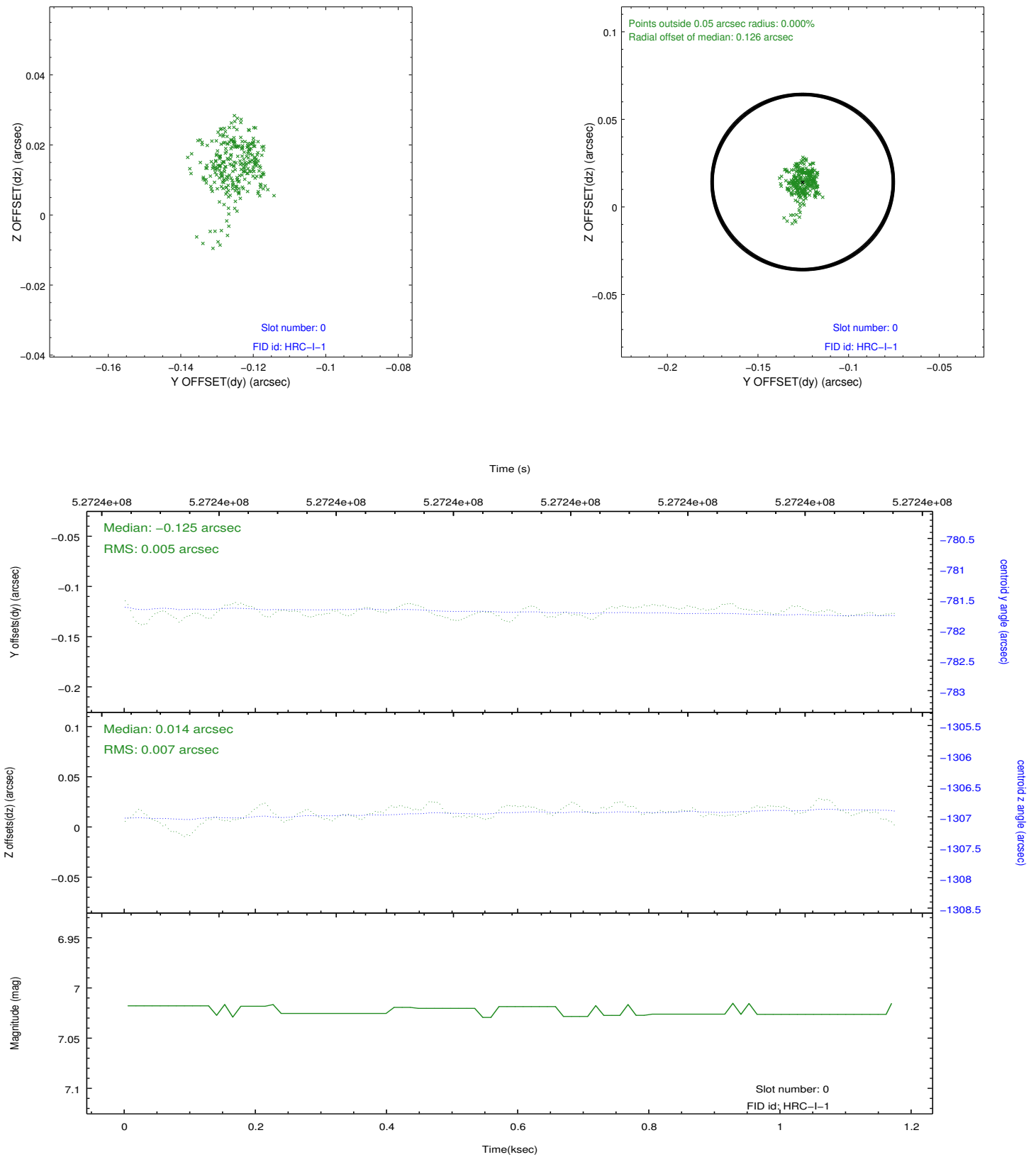


2.4.5 Slot 7

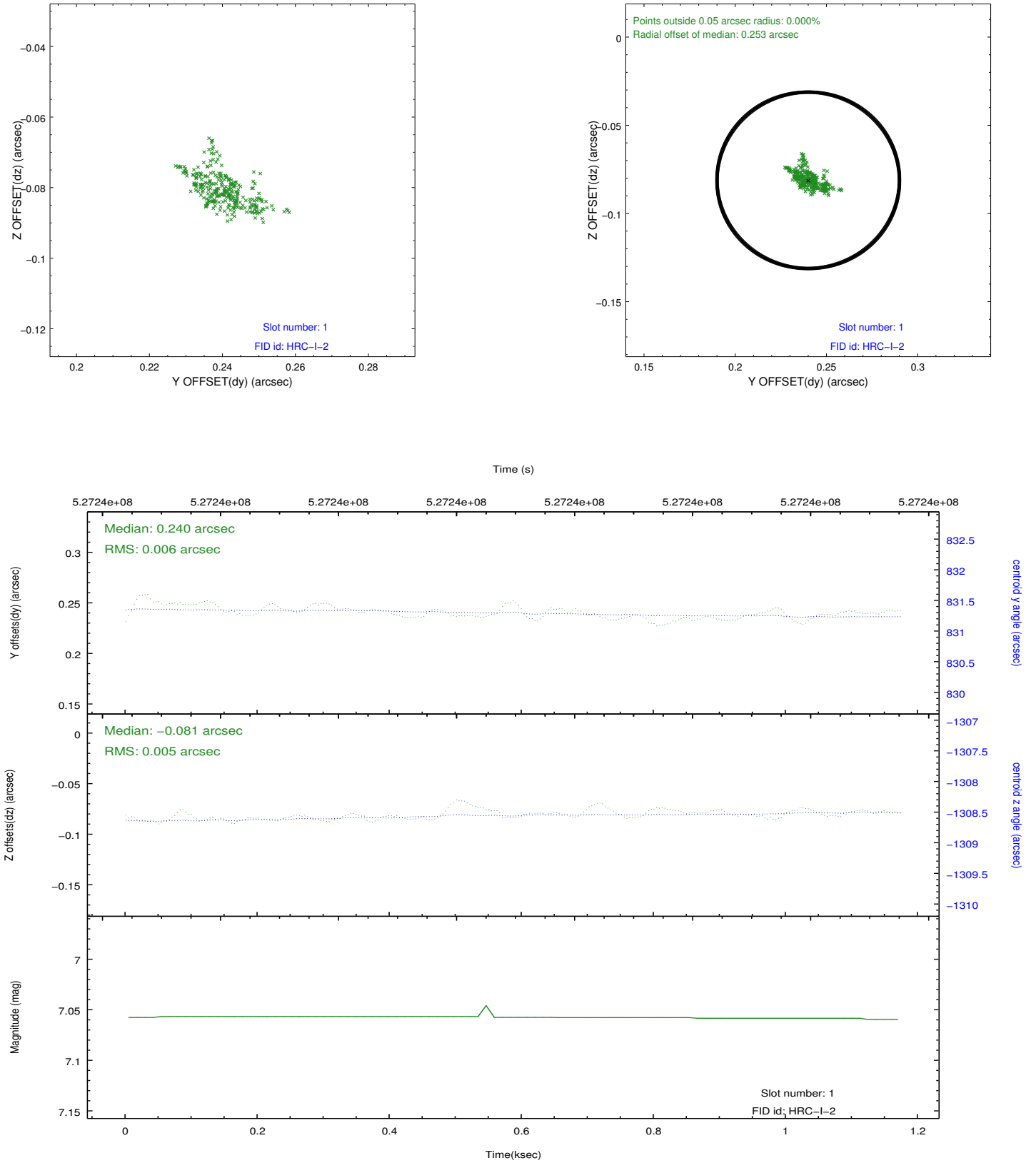


2.5 FID Slots

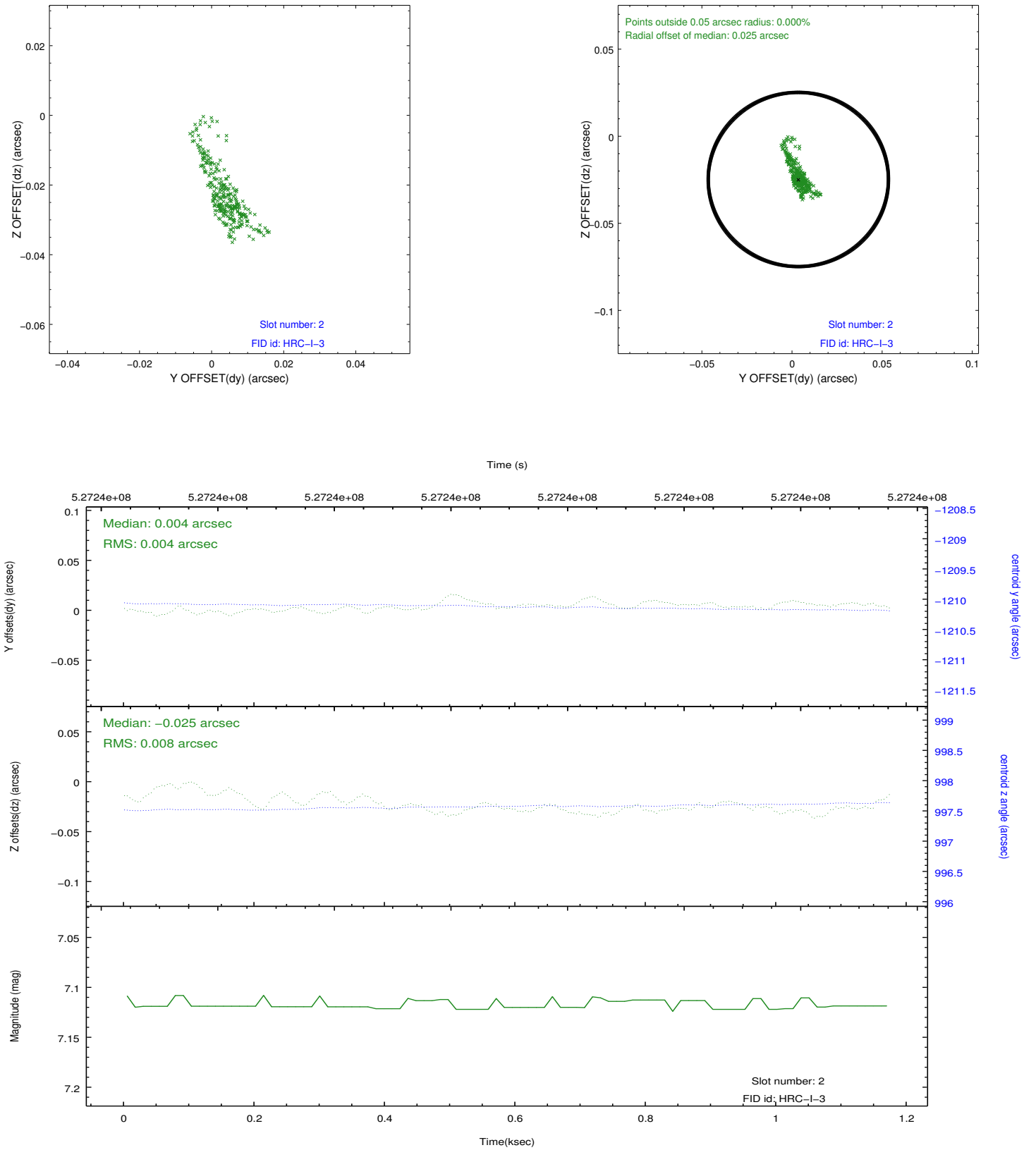
2.5.1 Slot 0



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	1.1738813152313

A.2 Comments