

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9642 - L2 Version 3
Chandra X-Ray Center

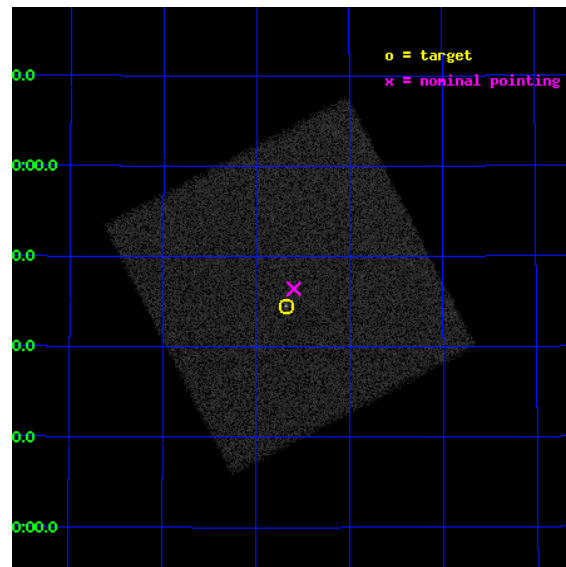
L2 Processing Date : Aug 12 2012

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1 Front

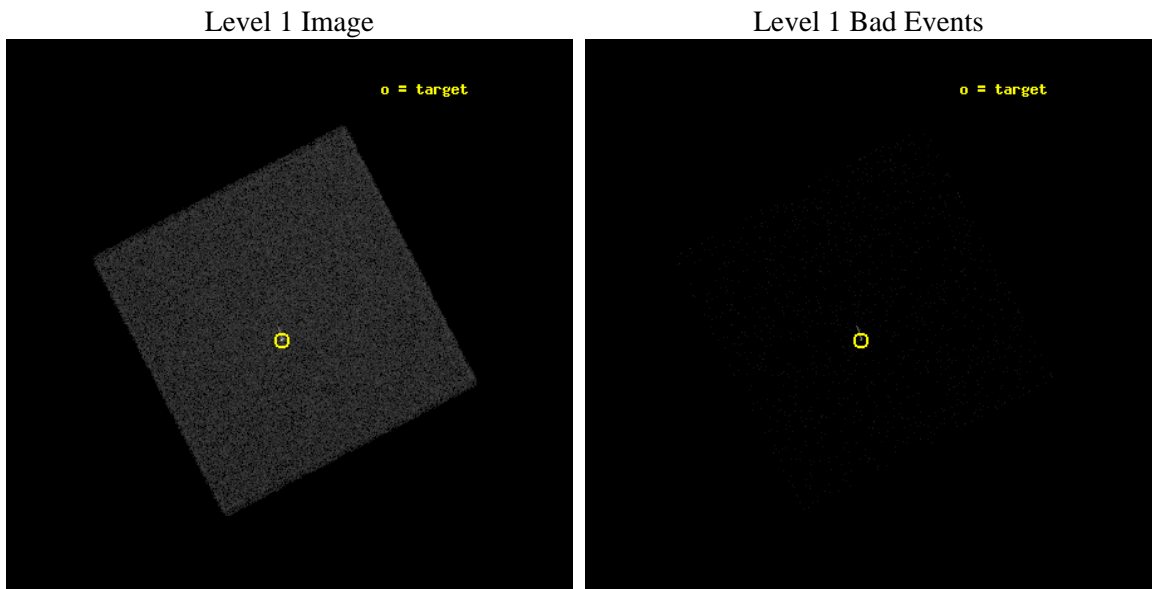
seq_num	290765	Sequence number
obs_id	9642	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14916155923	Nominal RA [deg]
dec_nom	45.773943737457	Nominal Dec [deg]
roll_nom	197.50441025921	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1364.5313170552	[s]
livetime	1349.6976586298	Ontime multiplied by DTCOR
l2events	92550	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1364.5313170552	[s]
caldsver	4.5.1.1	 	l1events	164552	Number of level 1 events
date	2012-08-12T18:38:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

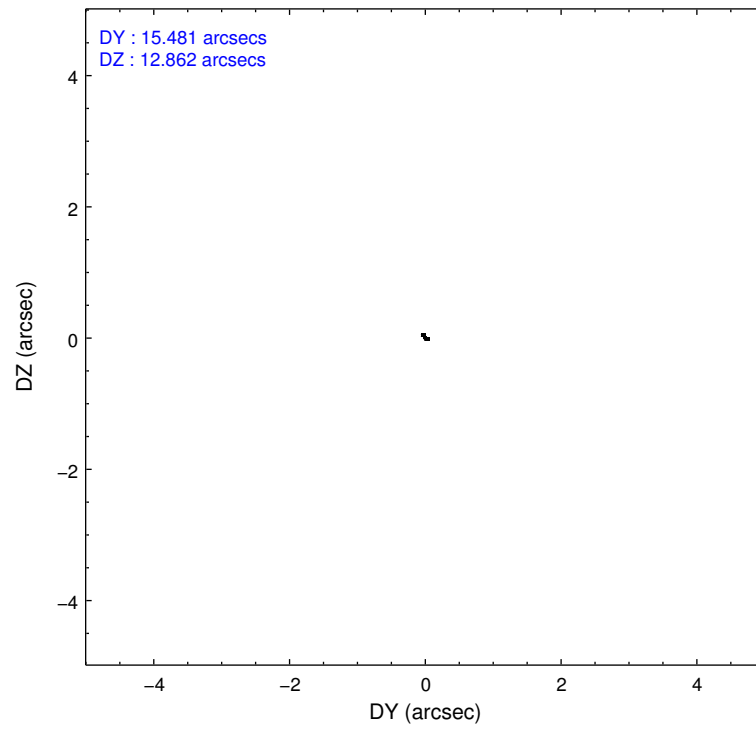
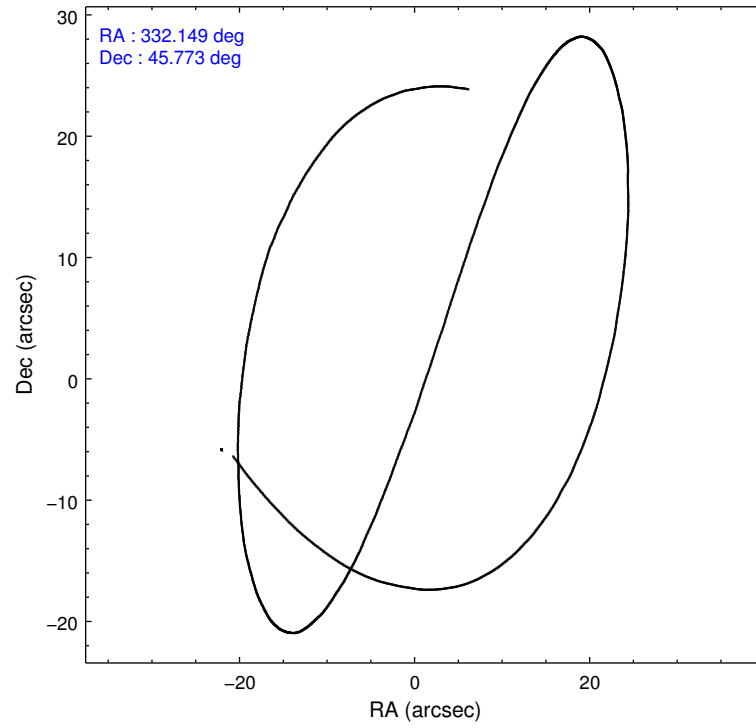
Level 1 Events

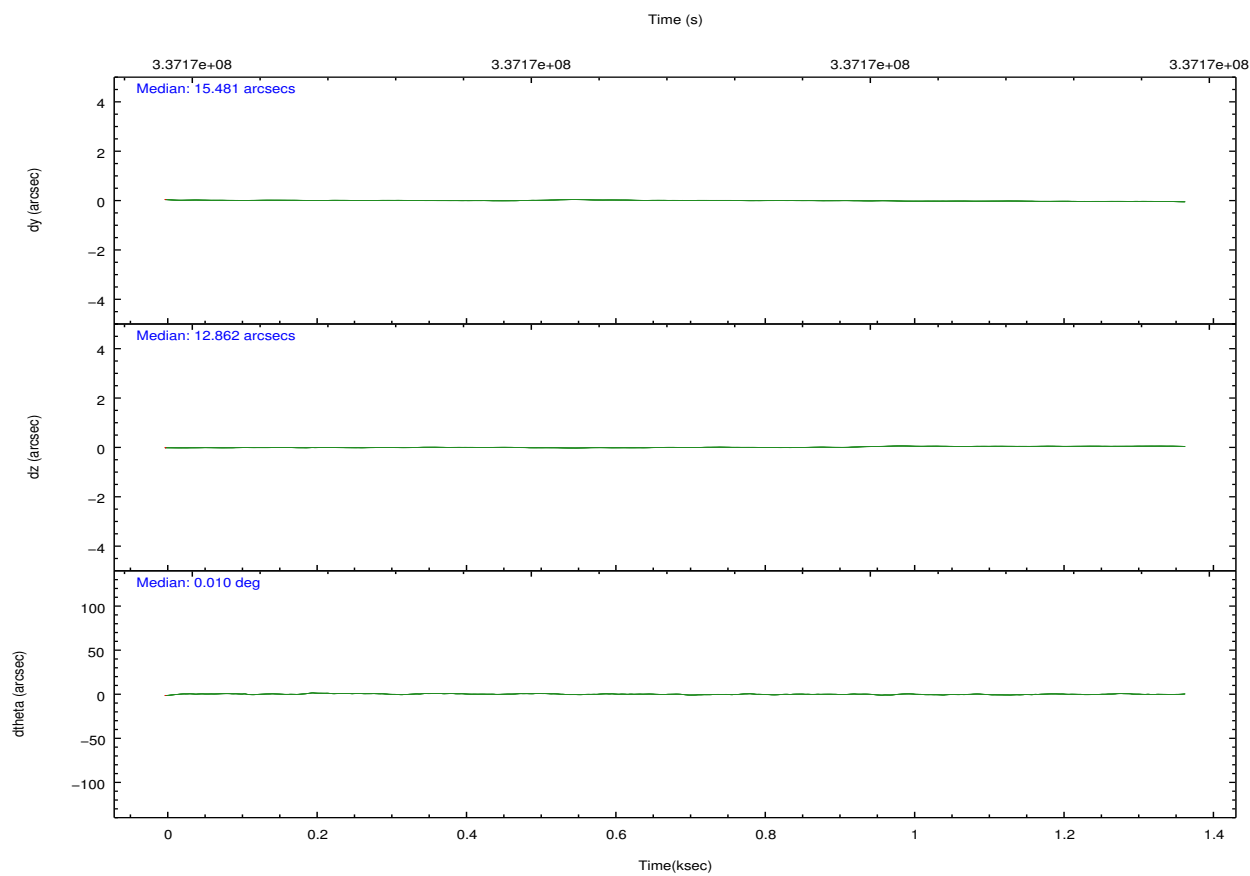
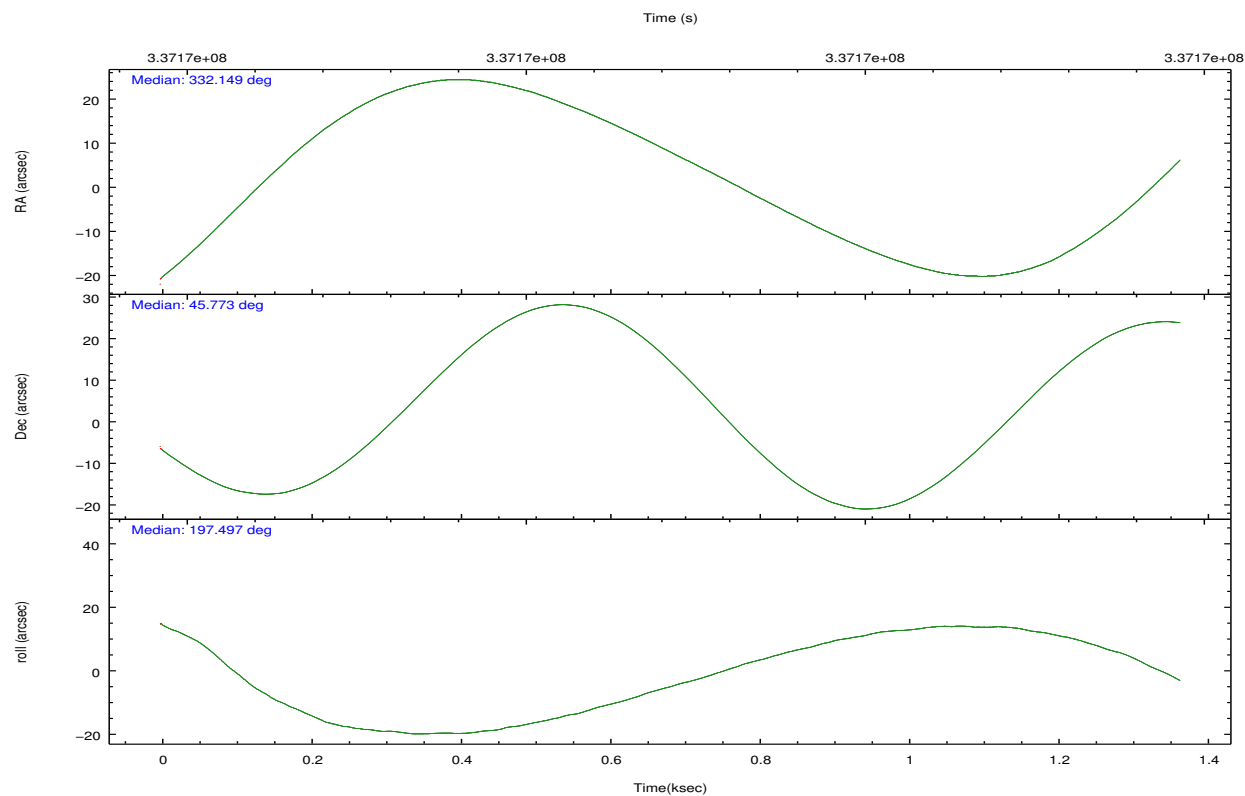
	segment 0
level 1 events	164552
rejected events	31464
rejected %	19%

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	332.175197	332.14916155923			
[deg] Pointing Dec	45.794861	45.77394373745651			
[deg] Pointing Roll	197.581236	197.5044102592108			
[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)	337173207.184000	337172831.05535			
Observation start date	2008-09-07T11:12:22	2008-09-07T11:07:11			
[s] Observation end time (MET)	337174387.184000	337174520.76793			
Observation end date	2008-09-07T11:32:02	2008-09-07T11:35:20			

2.3 Aspect



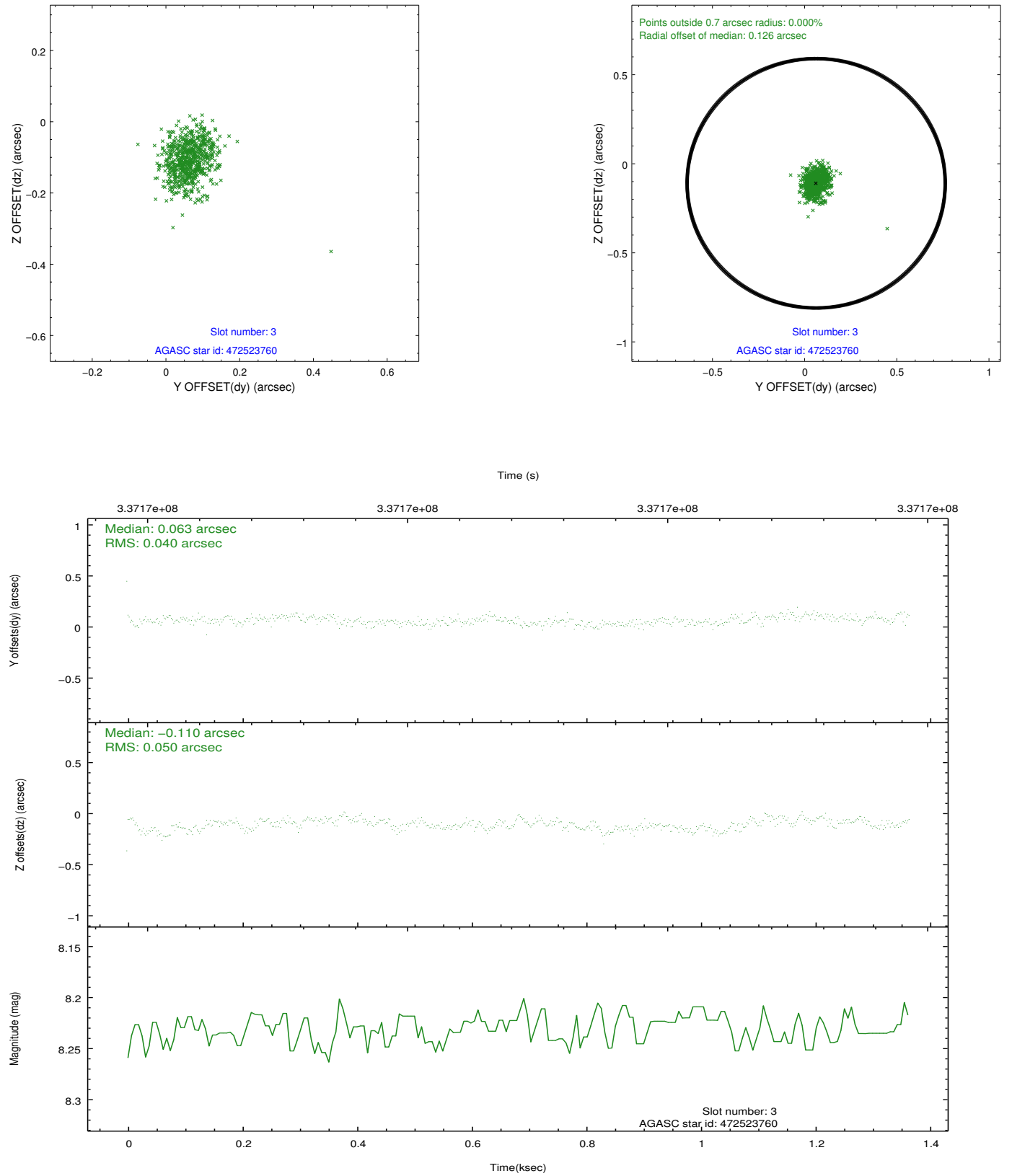


Slot Statistics

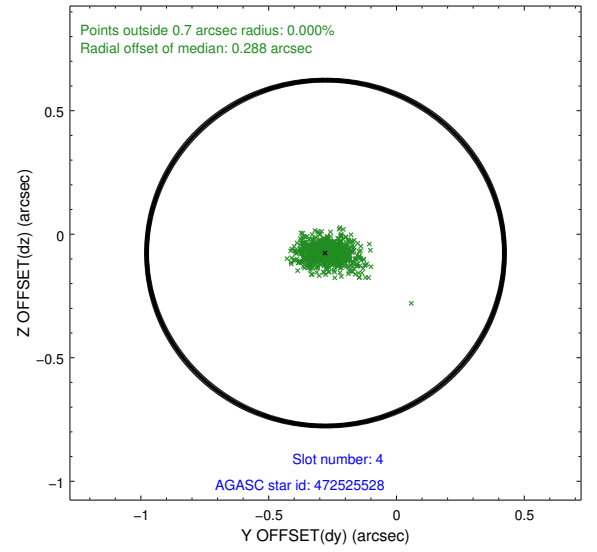
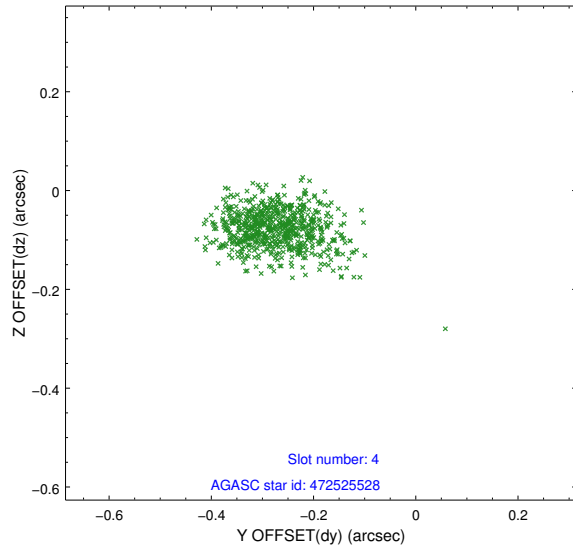
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	334	-0.057	0.009	0.006	0.011	0.000000	0.000000	-771.39	-1300.86
1	FID	HRC-I-2	7.03	334	0.234	-0.150	0.006	0.009	0.000000	0.000000	839.22	-1306.53
2	FID	HRC-I-3	7.09	334	-0.059	0.052	0.005	0.009	0.000000	0.000000	-1197.30	999.84
3	GUIDE	472523760	8.23	666	0.063	-0.110	0.065	0.105	331.645363	45.403260	1700.10	934.22
4	GUIDE	472525528	6.61	667	-0.278	-0.076	0.078	0.132	331.551102	45.248694	2100.99	1391.27
5	GUIDE	472533912	9.14	667	0.034	-0.003	0.118	0.200	331.791136	46.368695	287.25	-2258.66
6	GUIDE	472535576	7.86	667	-0.076	0.084	0.065	0.109	331.438373	46.291802	1204.00	-2271.39
7	GUIDE	472665256	9.01	666	0.262	0.108	0.093	0.155	332.808125	46.195041	-1939.48	-907.65

2.4 Star Slots

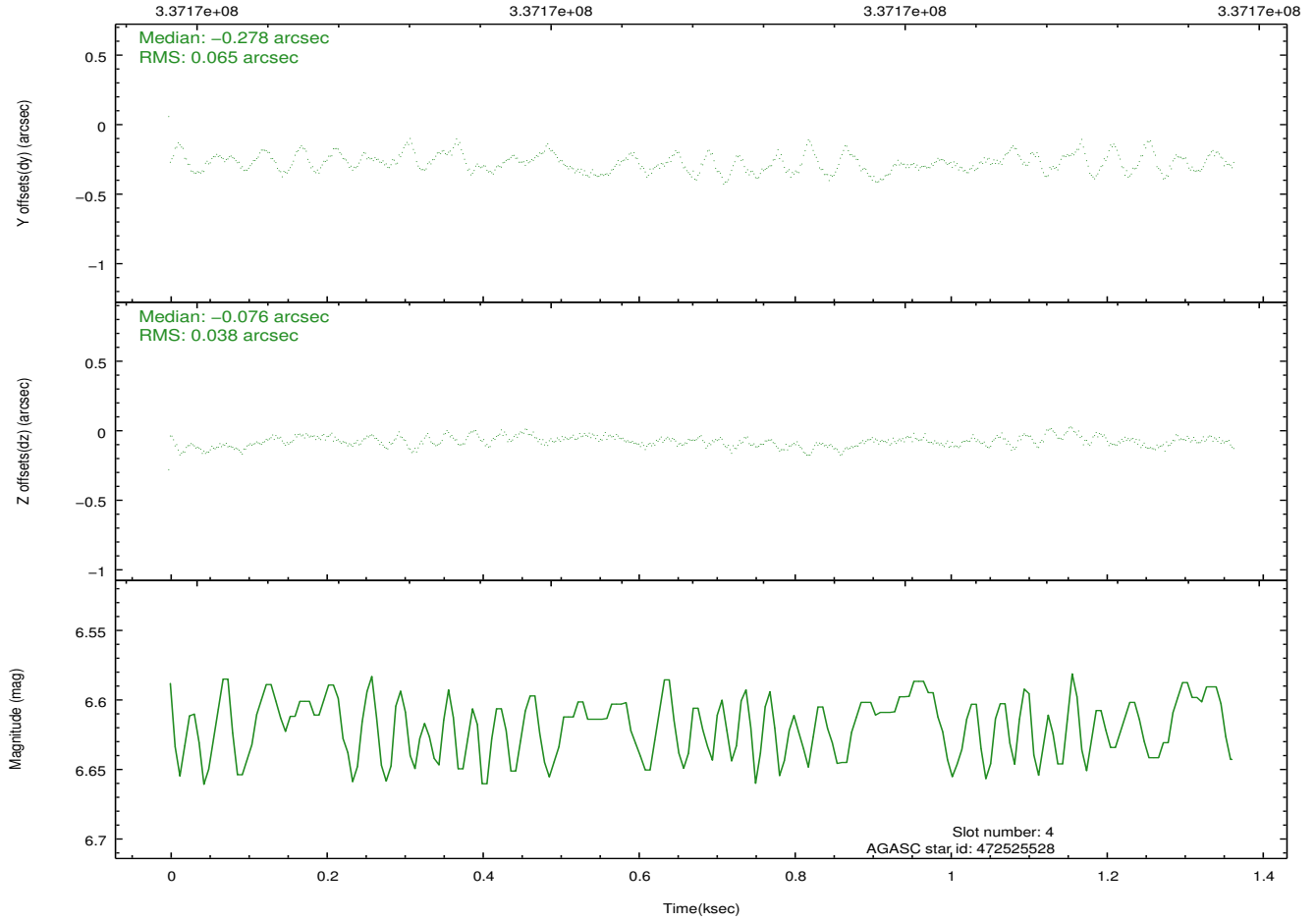
2.4.1 Slot 3



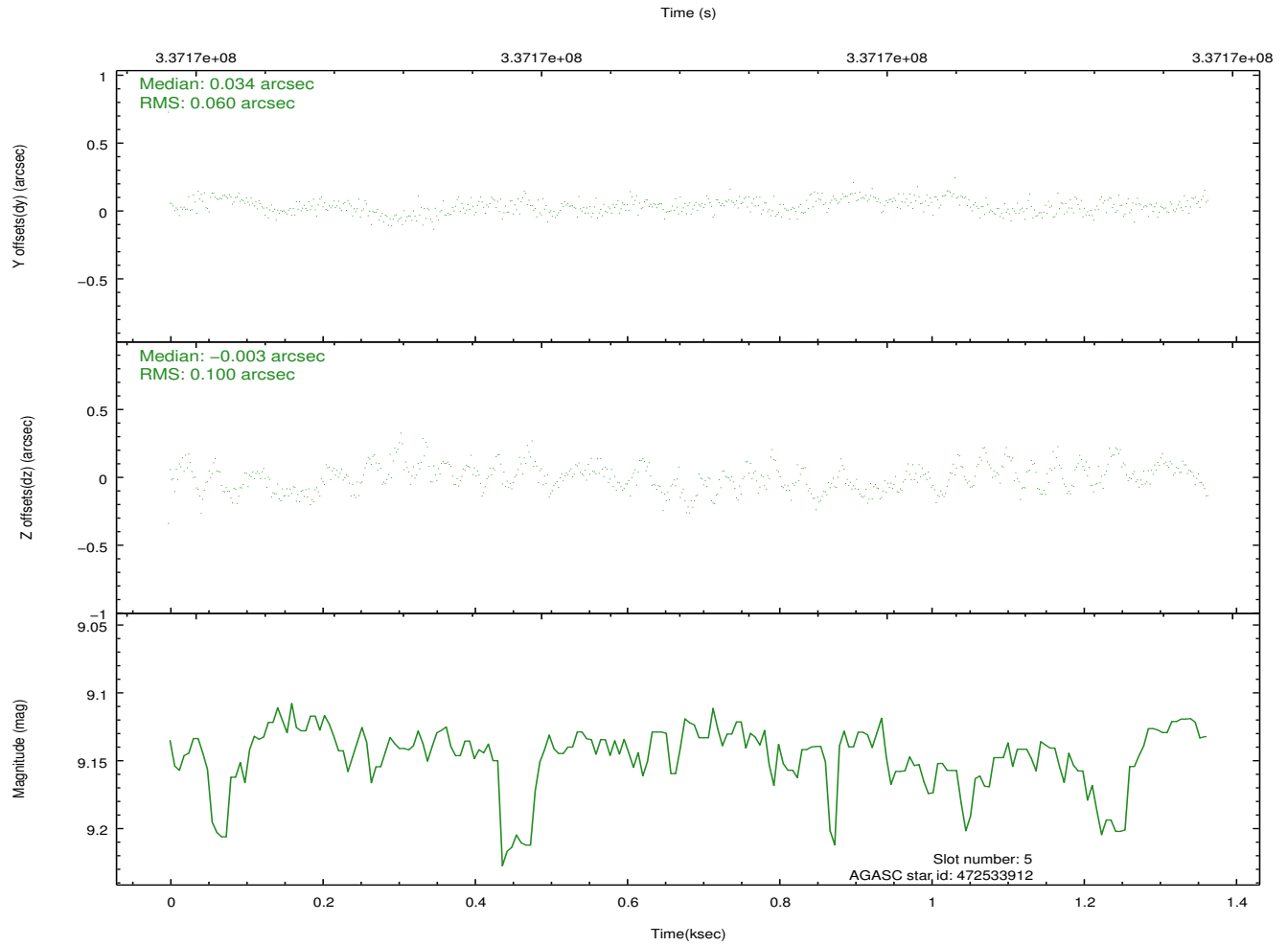
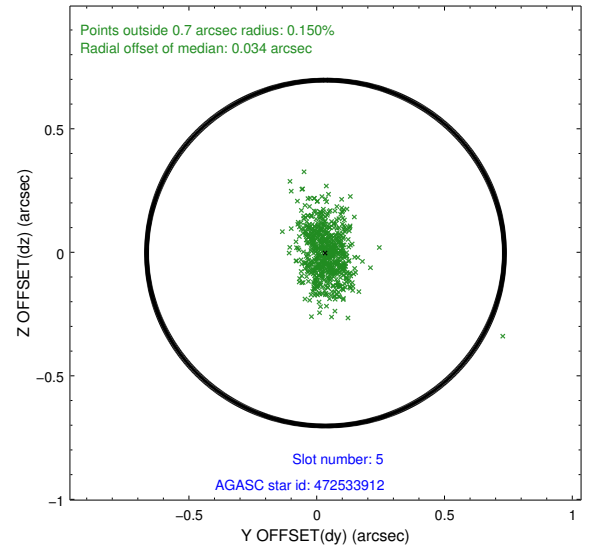
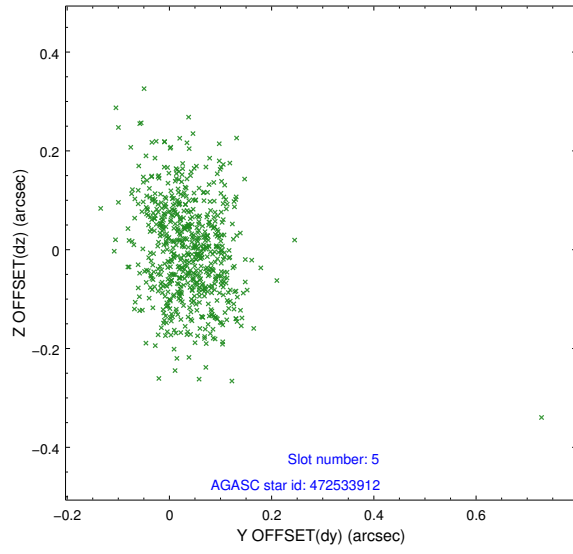
2.4.2 Slot 4



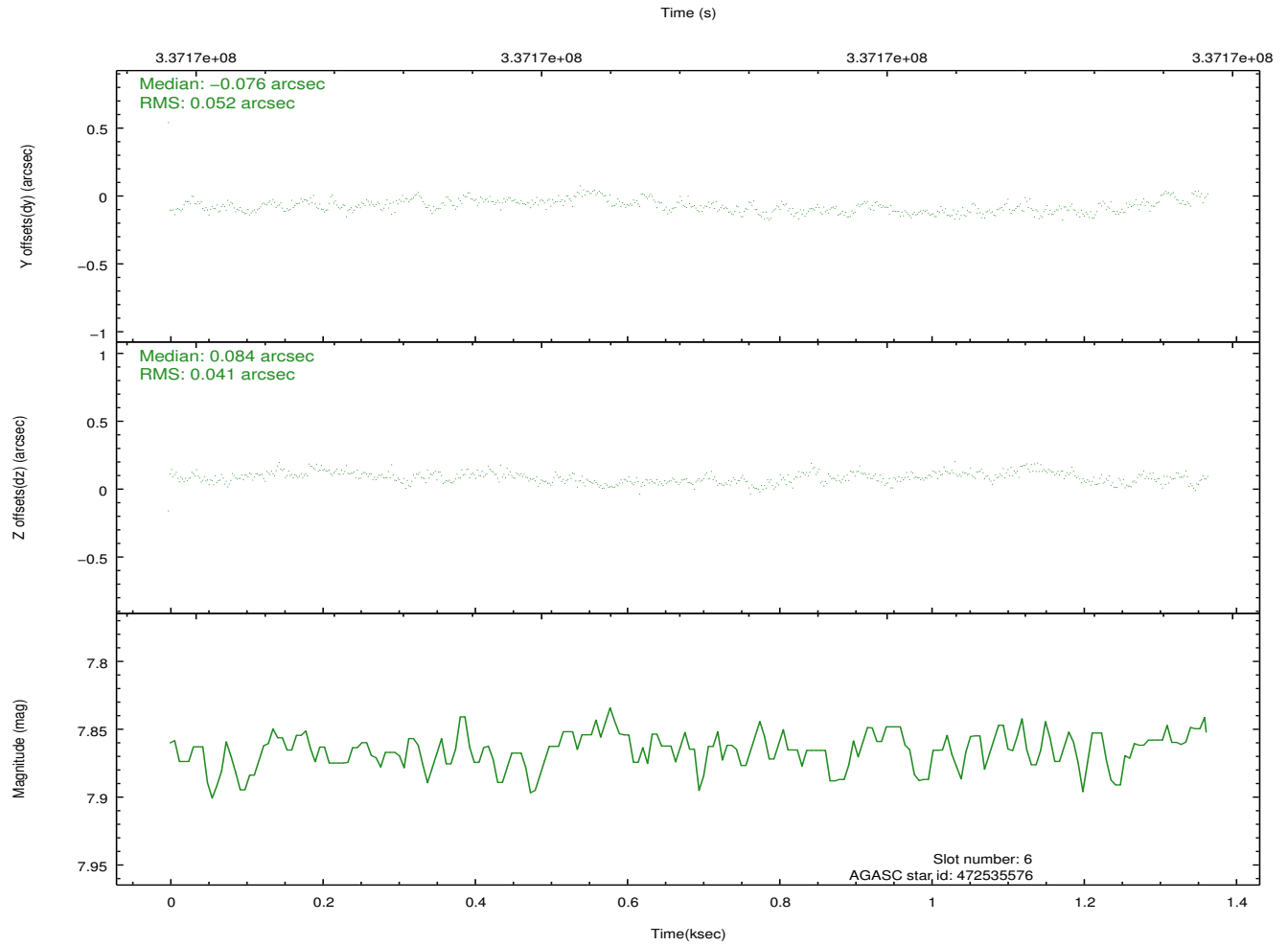
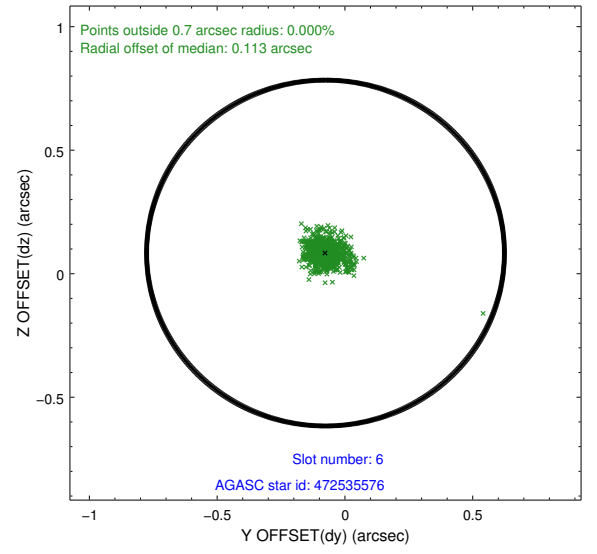
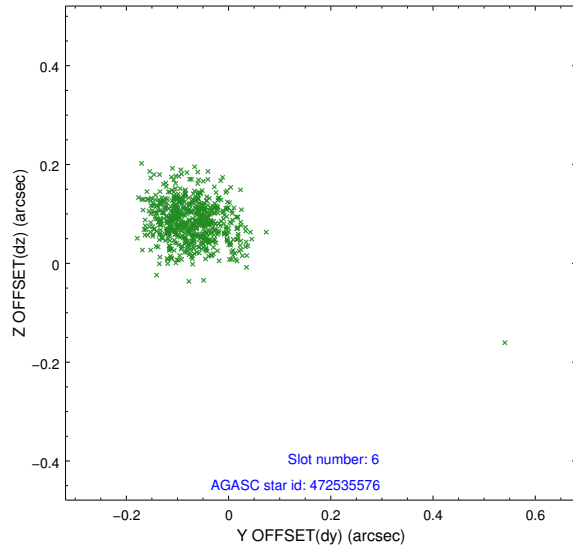
Time (s)



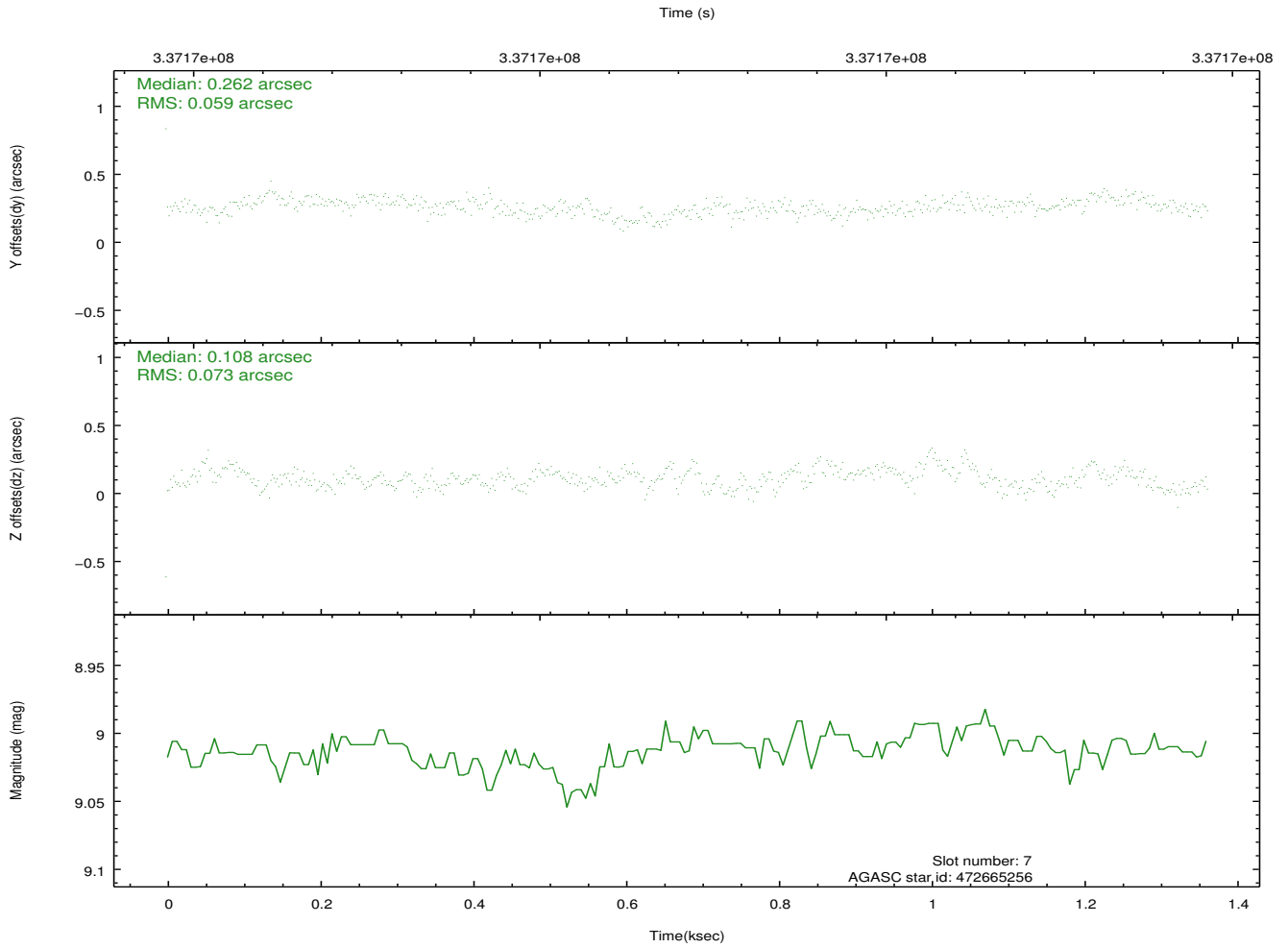
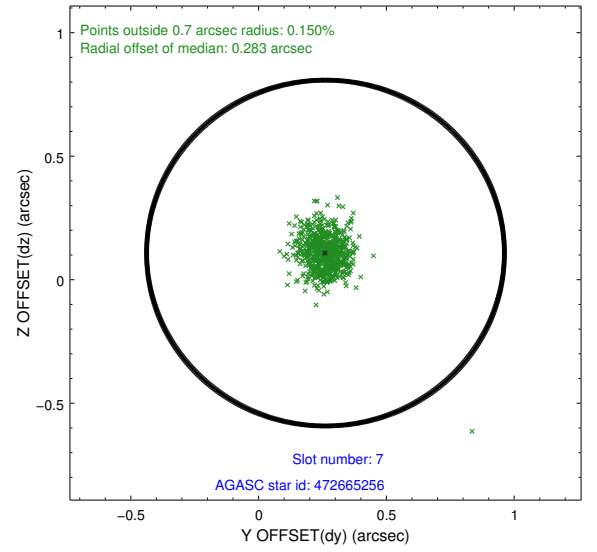
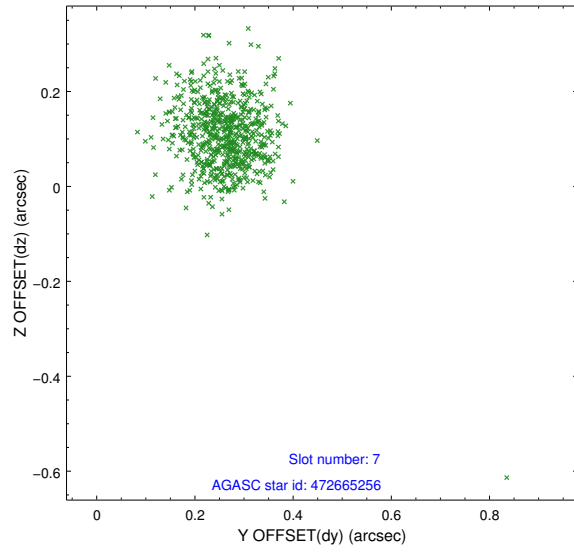
2.4.3 Slot 5



2.4.4 Slot 6

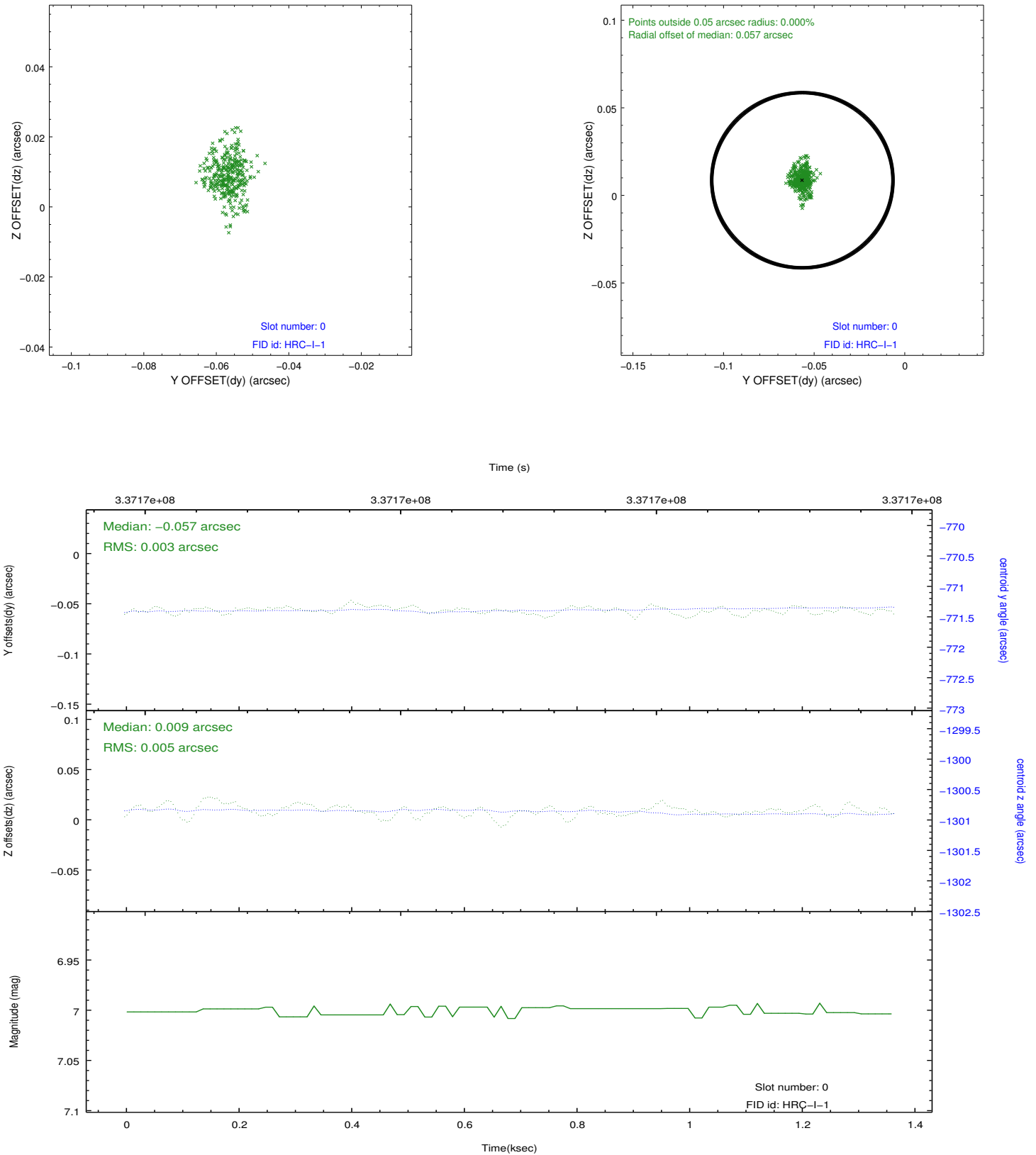


2.4.5 Slot 7

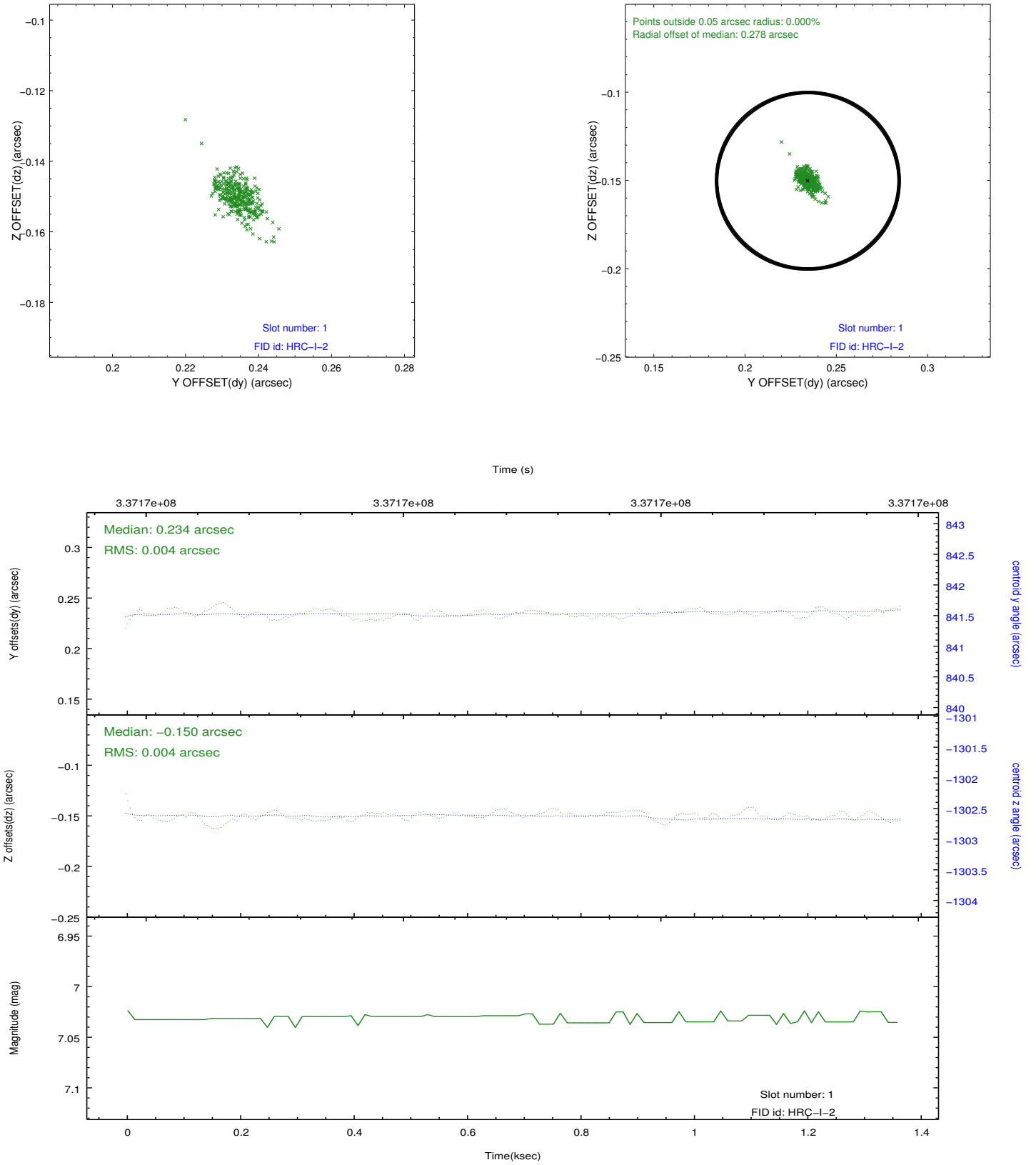


2.5 FID Slots

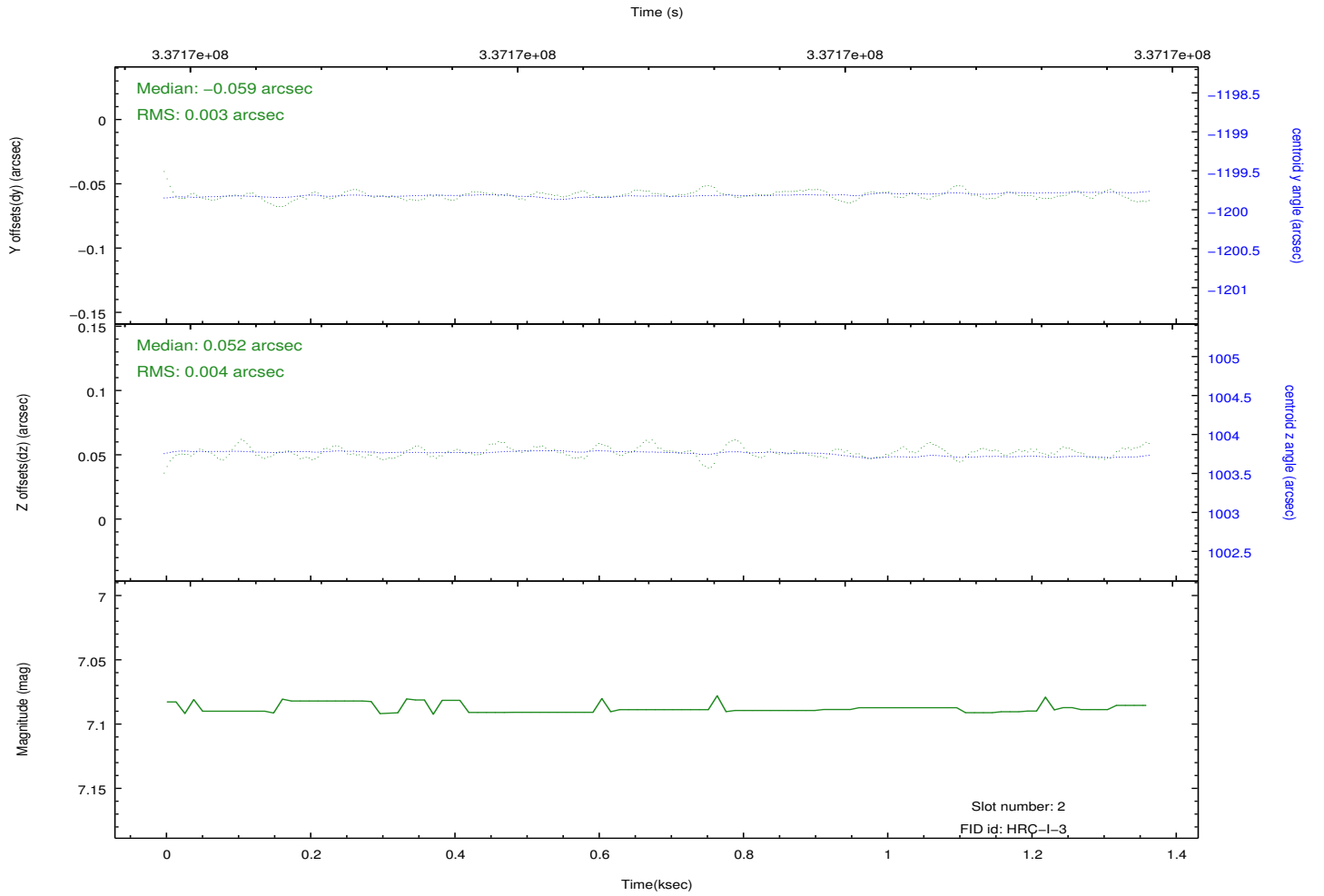
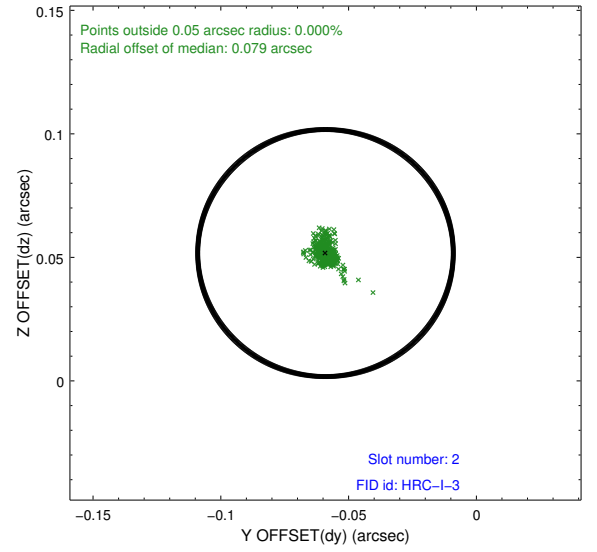
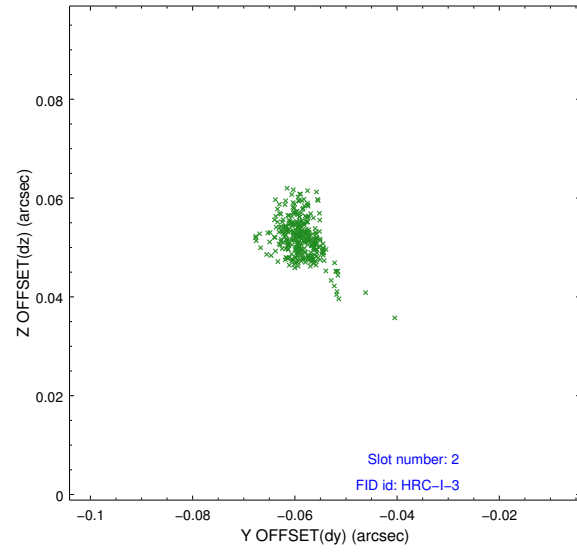
2.5.1 Slot 0



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)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36453131

A.2 Comments