

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1475 - L2 Version 4

Chandra X-Ray Center

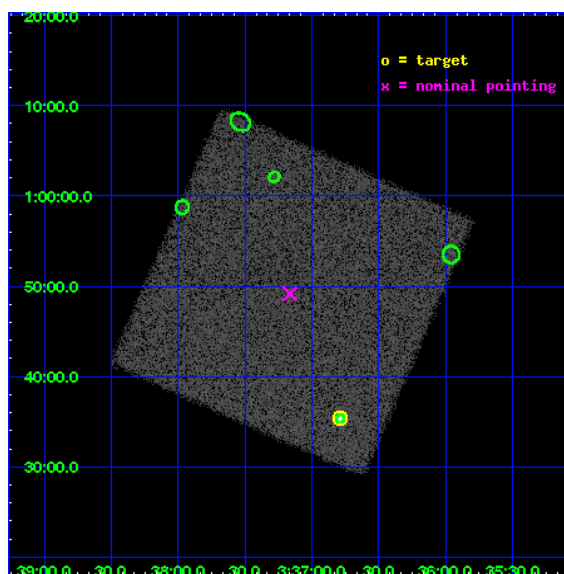
L2 Processing Date : Nov 24 2009

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1 Front

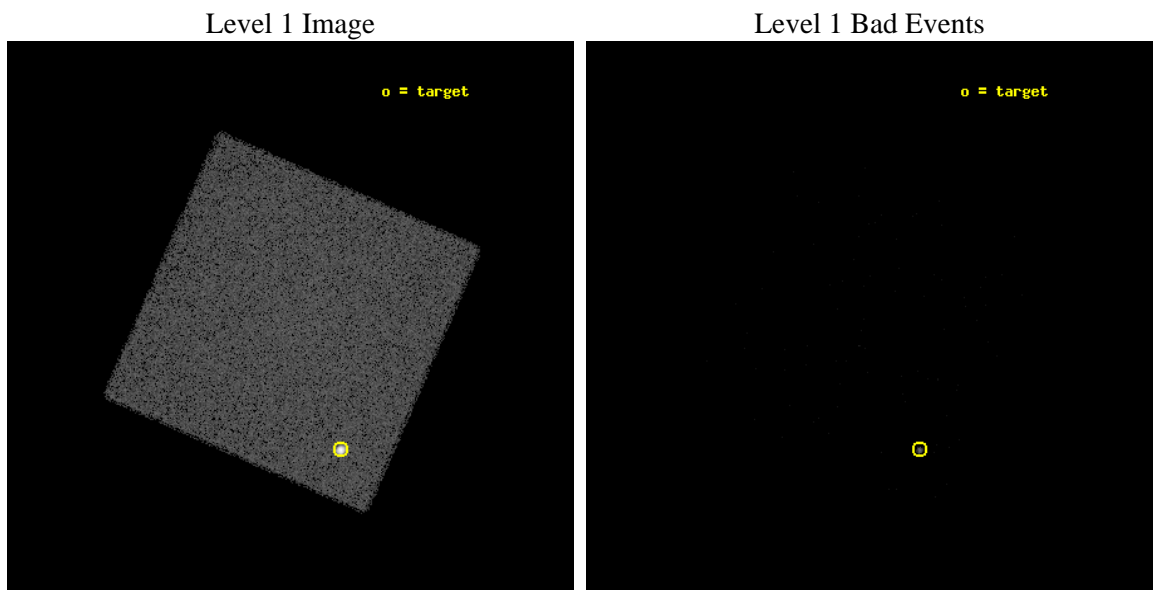
seq_num	290051	Sequence number
obs_id	1475	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.291121009648	Nominal RA
dec_nom	0.8193070574806	Nominal Dec
roll_nom	338.75509179376	Nominal Roll
revision	4	Processing version of data
ontime	2336.2313344255	[s]
livetime	2318.585801019	Ontime multiplied by DTCOR
l2events	104612	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	2000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	2336.2313344255	[s]
caldbver	4.1.4	 	l1events	157782	Number of level 1 events
date	2009-11-24T15:17:30	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

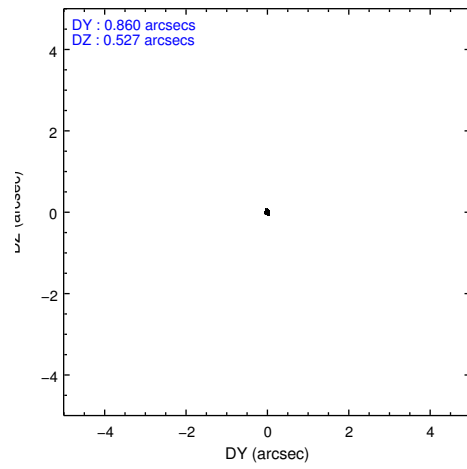
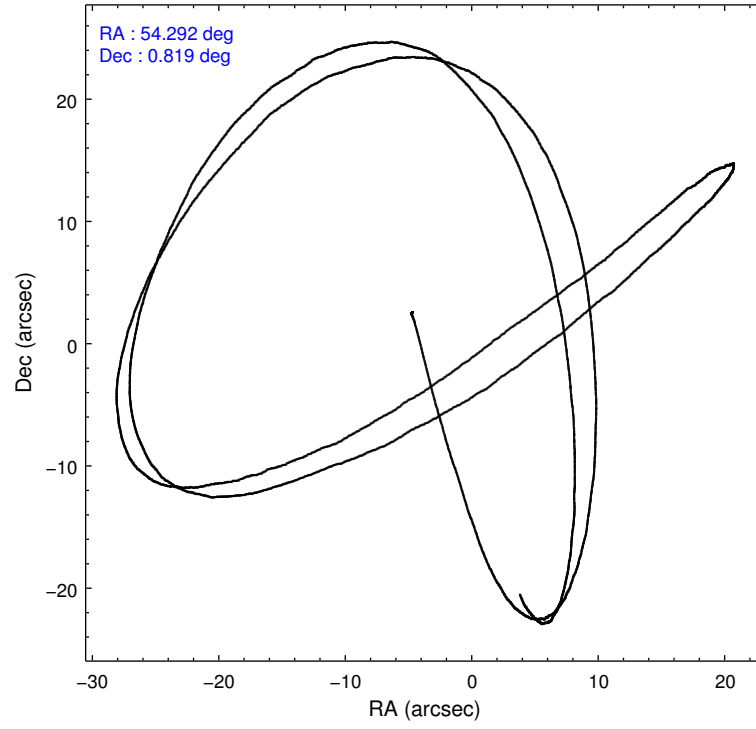
	segment 0
level 1 events	157782
rejected events	3406
rejected %	2%

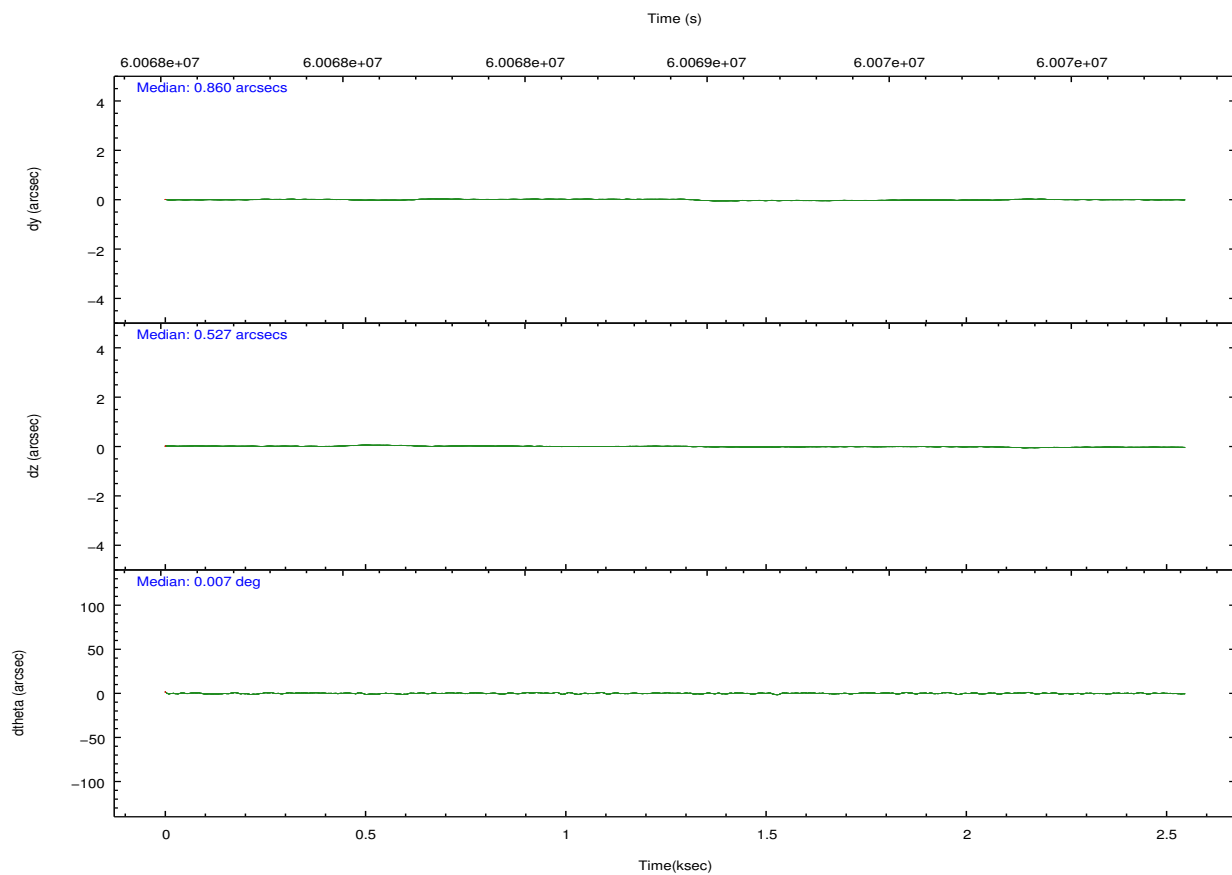
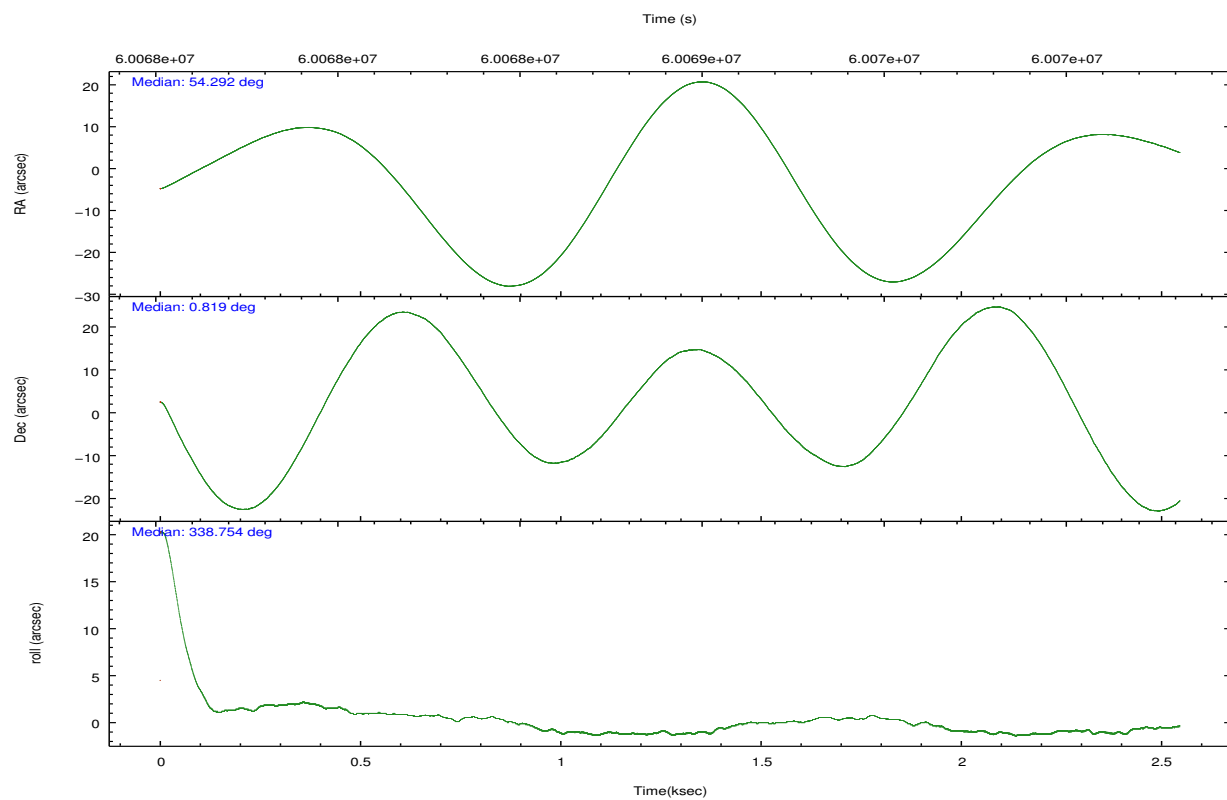
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.263605	54.29112100964808
Pointing Dec	0.815495	0.8193070574806043
Pointing Roll	338.850890	338.7550917937635
SIM focus pos (mm)	-1.040293	-1.038866356238299
SIM defocus (mm)	0	0.001426264420575141
SIM translation stage pos (mm)	126.985494	126.9854943052878
SIM translation stage offset (mm)	0	-5.413686238853188e-06
Observation start time	60068126.184000	60067459.889122
Observation start date	1999-11-27T05:34:22	1999-11-27T05:24:19
Observation end time	60070126.184000	60070911.576747
Observation end date	1999-11-27T06:07:42	1999-11-27T06:21:51

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



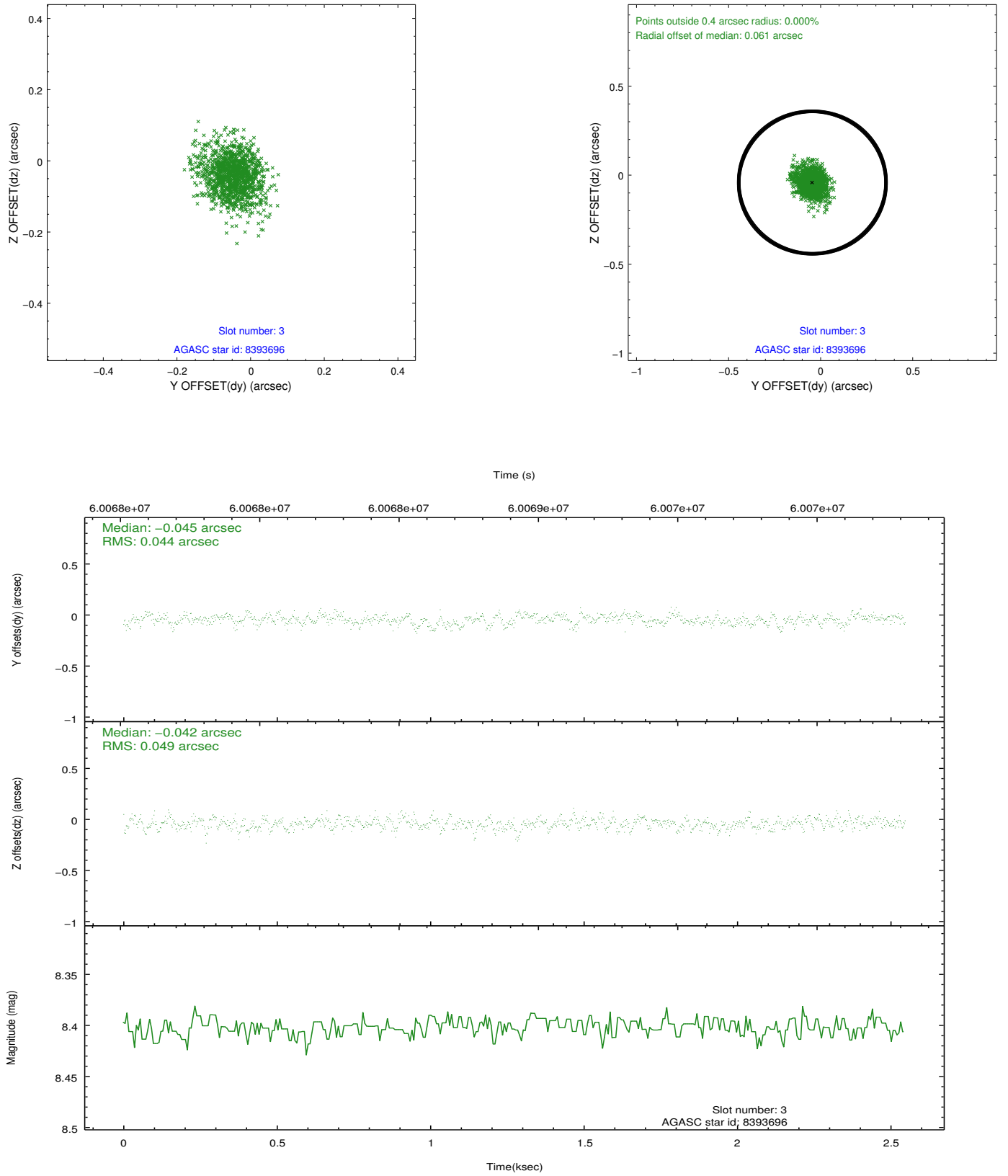


Slot Statistics

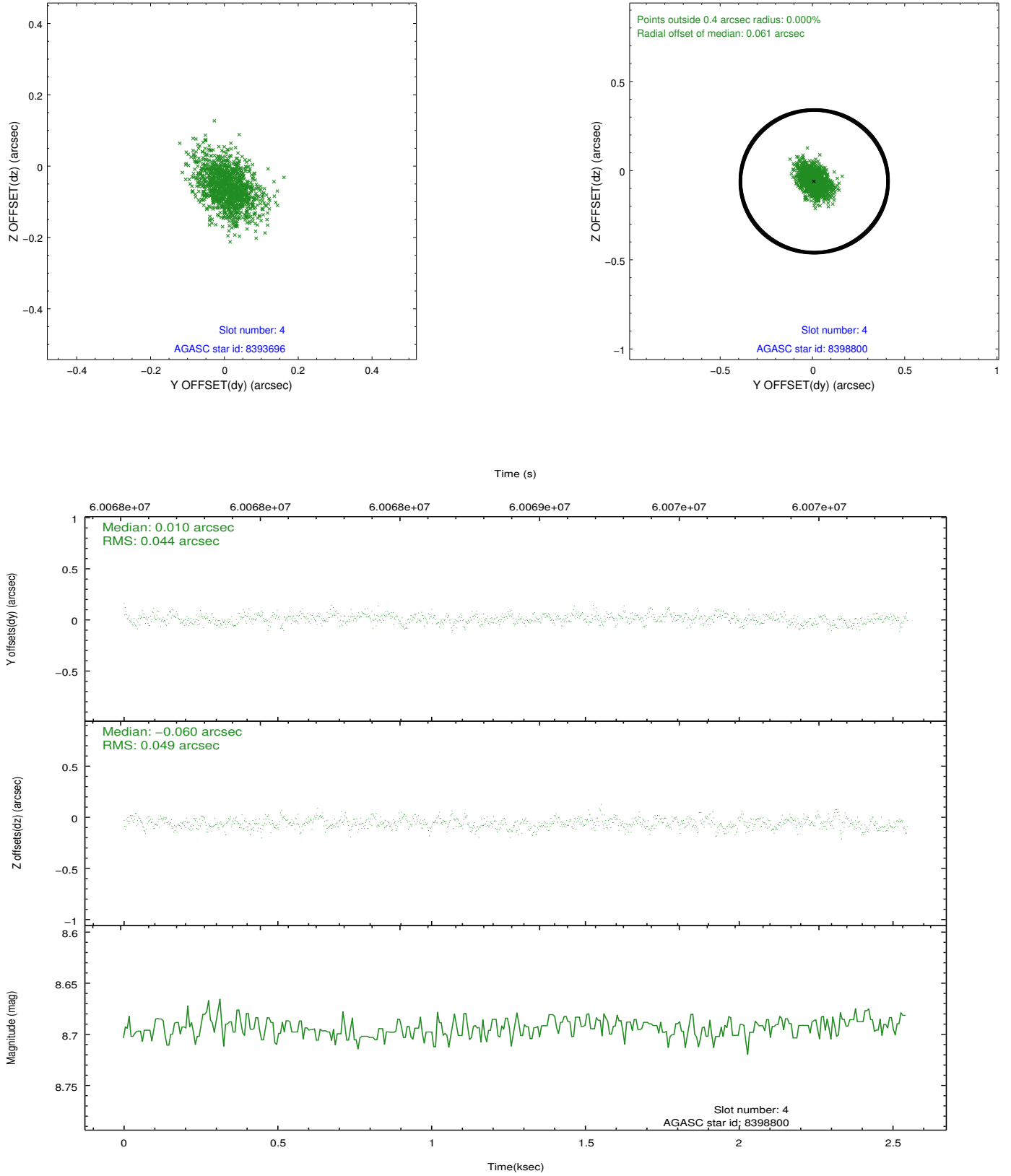
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	1243	-0.004	-0.034	0.006	0.009	0.000000	0.000000	-756.24	-1288.29
1	FID	HRC-I-3	7.07	1243	0.045	-0.065	0.007	0.011	0.000000	0.000000	-1185.35	1015.19
2	FID	HRC-I-4	7.01	1243	0.074	0.009	0.005	0.008	0.000000	0.000000	1285.61	1014.79
3	GUIDE	8393696	8.40	1243	-0.045	-0.042	0.069	0.116	53.645666	0.680479	-1900.23	-1254.89
4	GUIDE	8398800	8.69	1243	0.010	-0.060	0.067	0.117	54.242352	0.922024	-212.14	329.96
5	GUIDE	8390744	9.02	1242	-0.014	0.053	0.075	0.121	53.677290	0.926294	-2113.36	-388.05
6	GUIDE	8395104	8.66	1243	0.064	0.037	0.063	0.105	54.744893	0.796520	1637.84	562.19
7	GUIDE	8397624	9.53	1242	-0.017	0.020	0.116	0.183	54.812881	1.297049	1218.64	2331.71

2.4 Star Slots

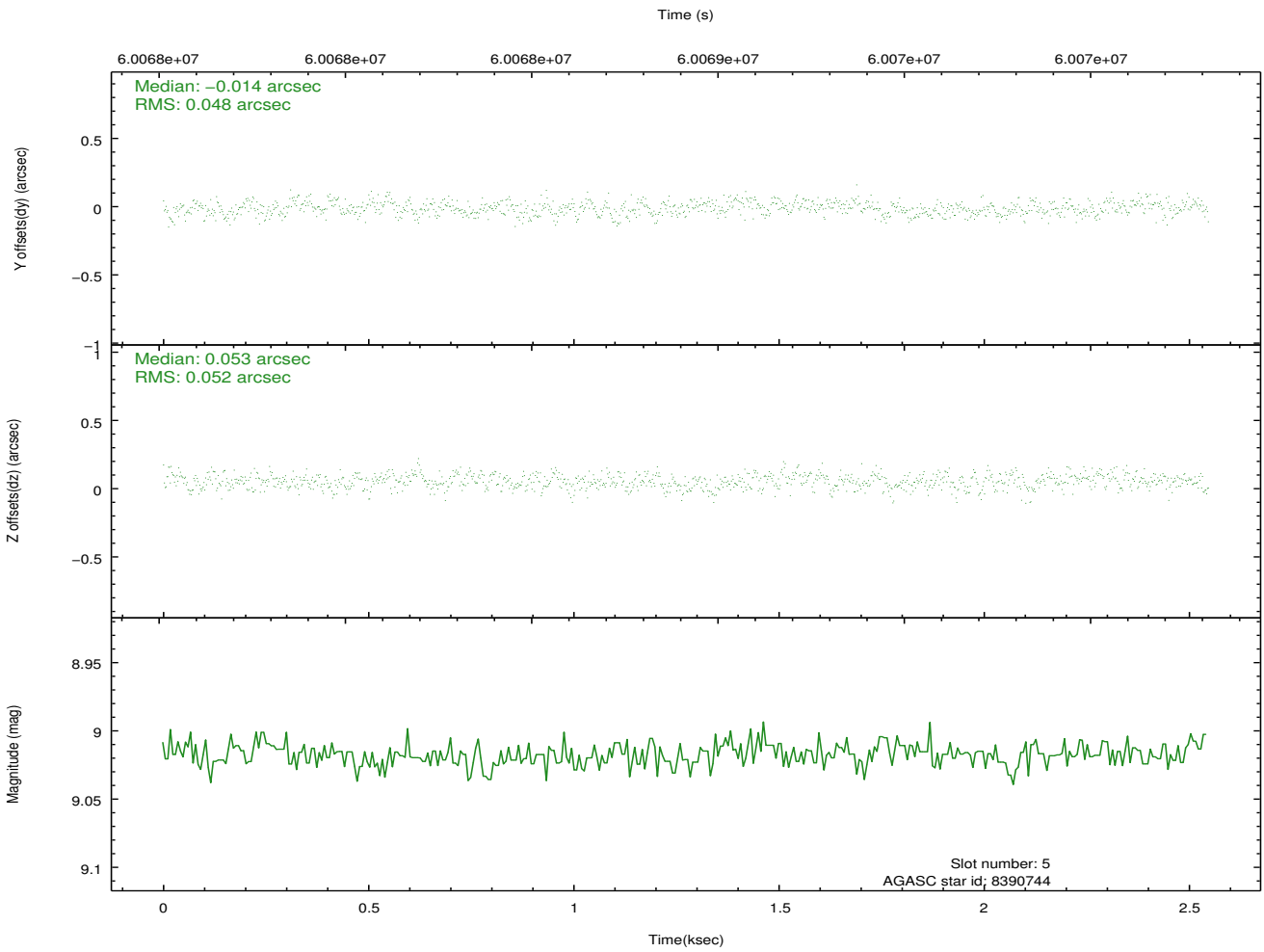
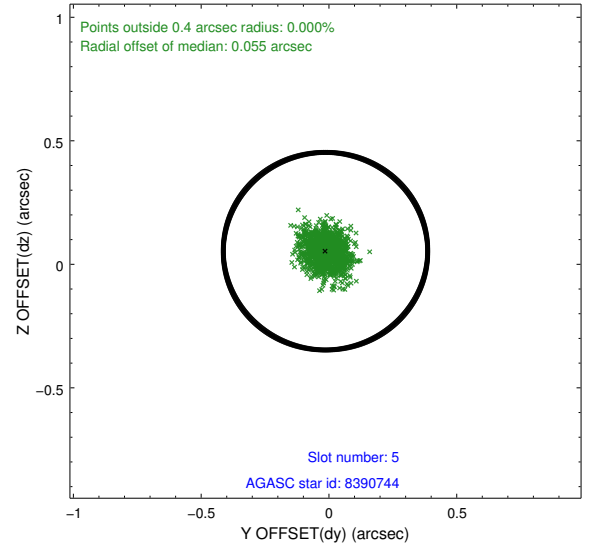
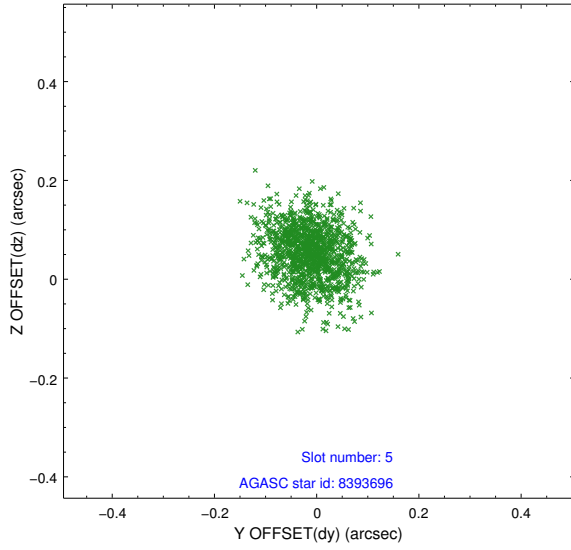
2.4.1 Slot 3



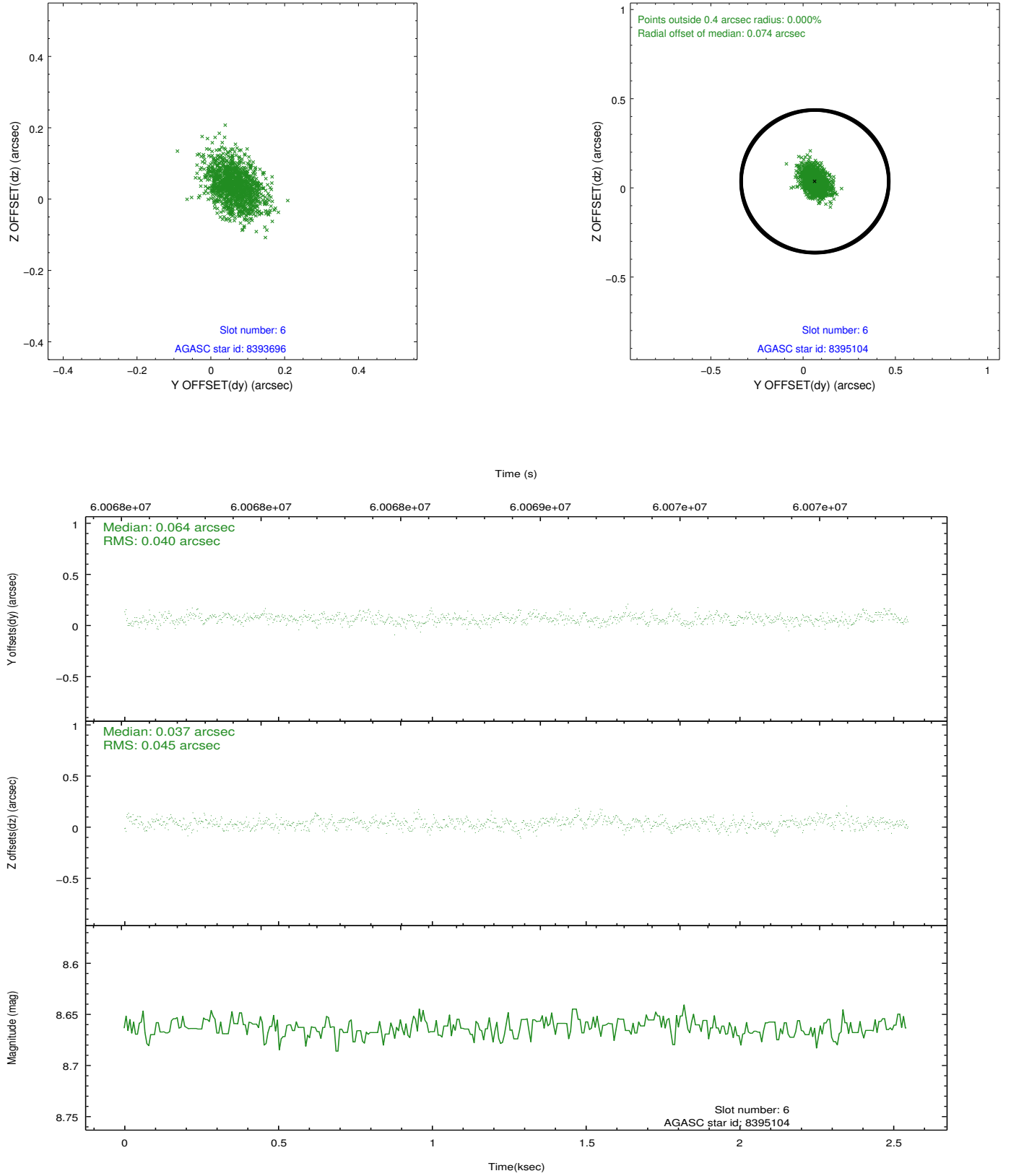
2.4.2 Slot 4



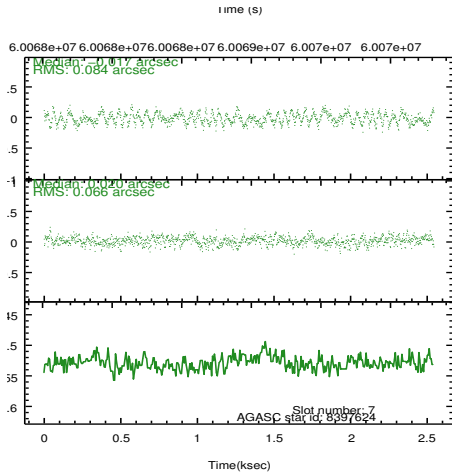
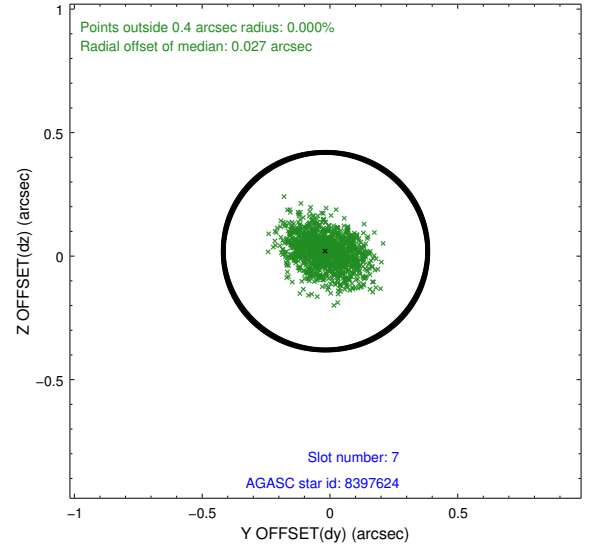
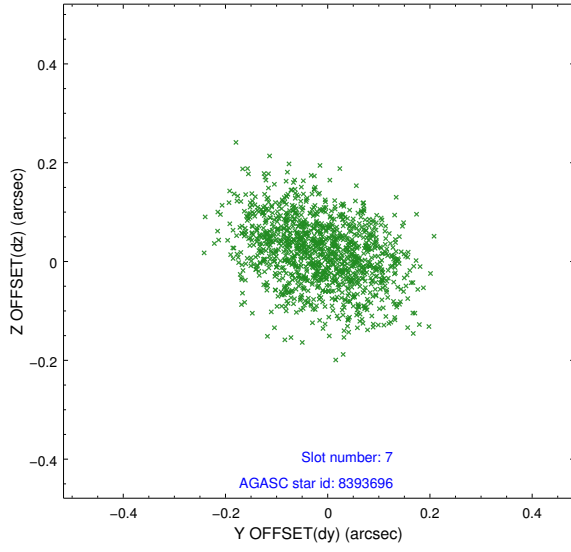
2.4.3 Slot 5



2.4.4 Slot 6

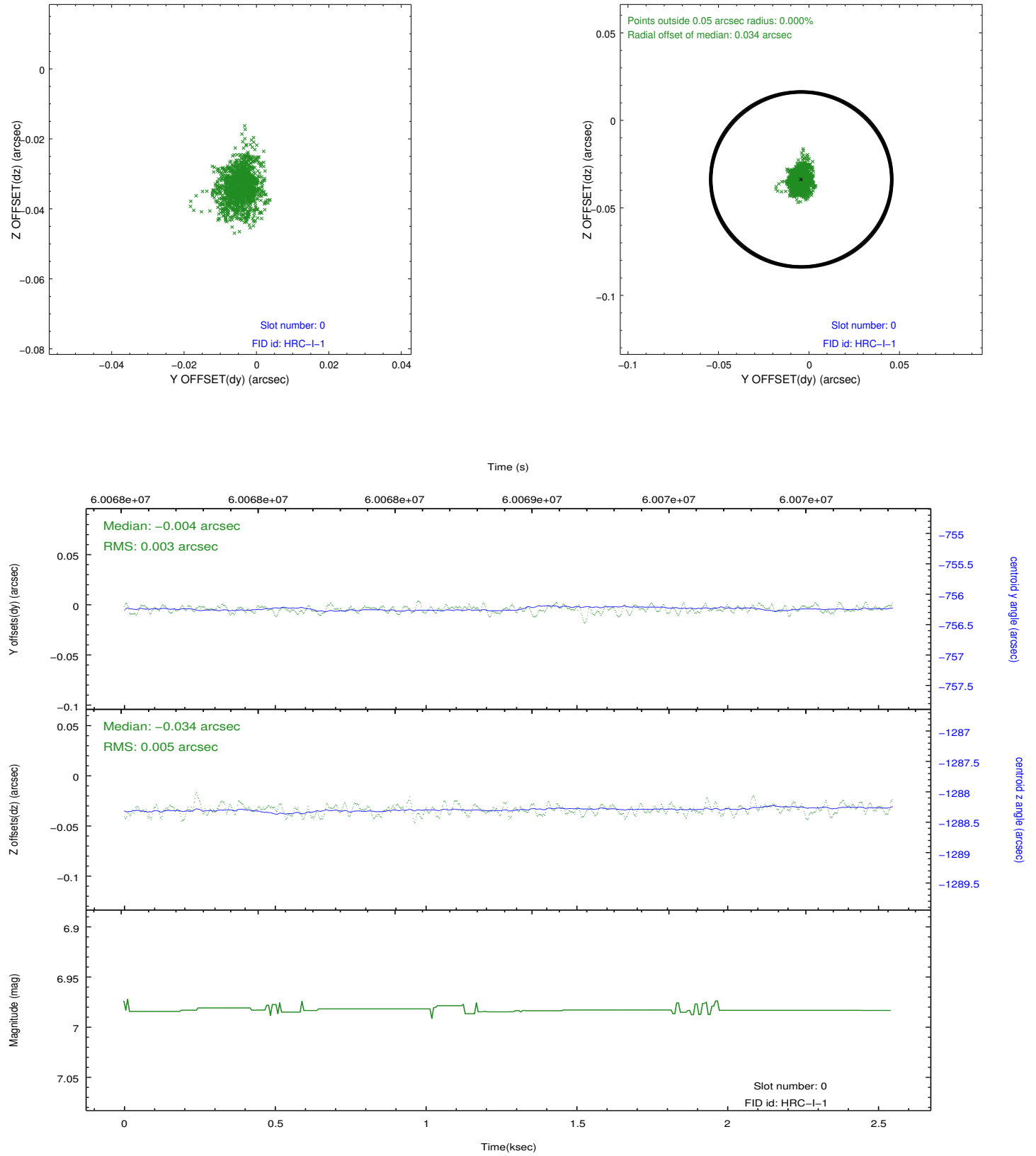


2.4.5 Slot 7

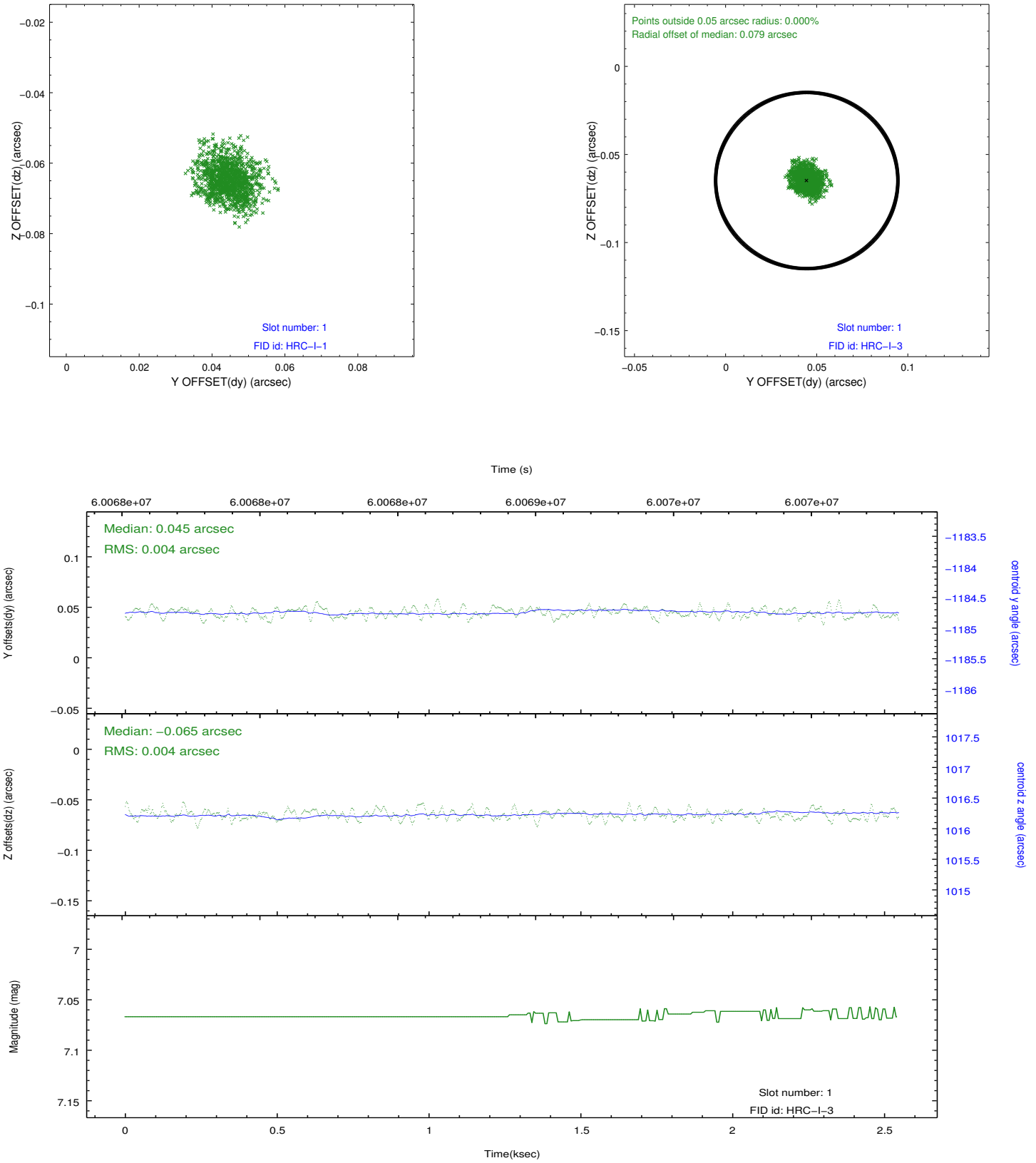


2.5 FID Slots

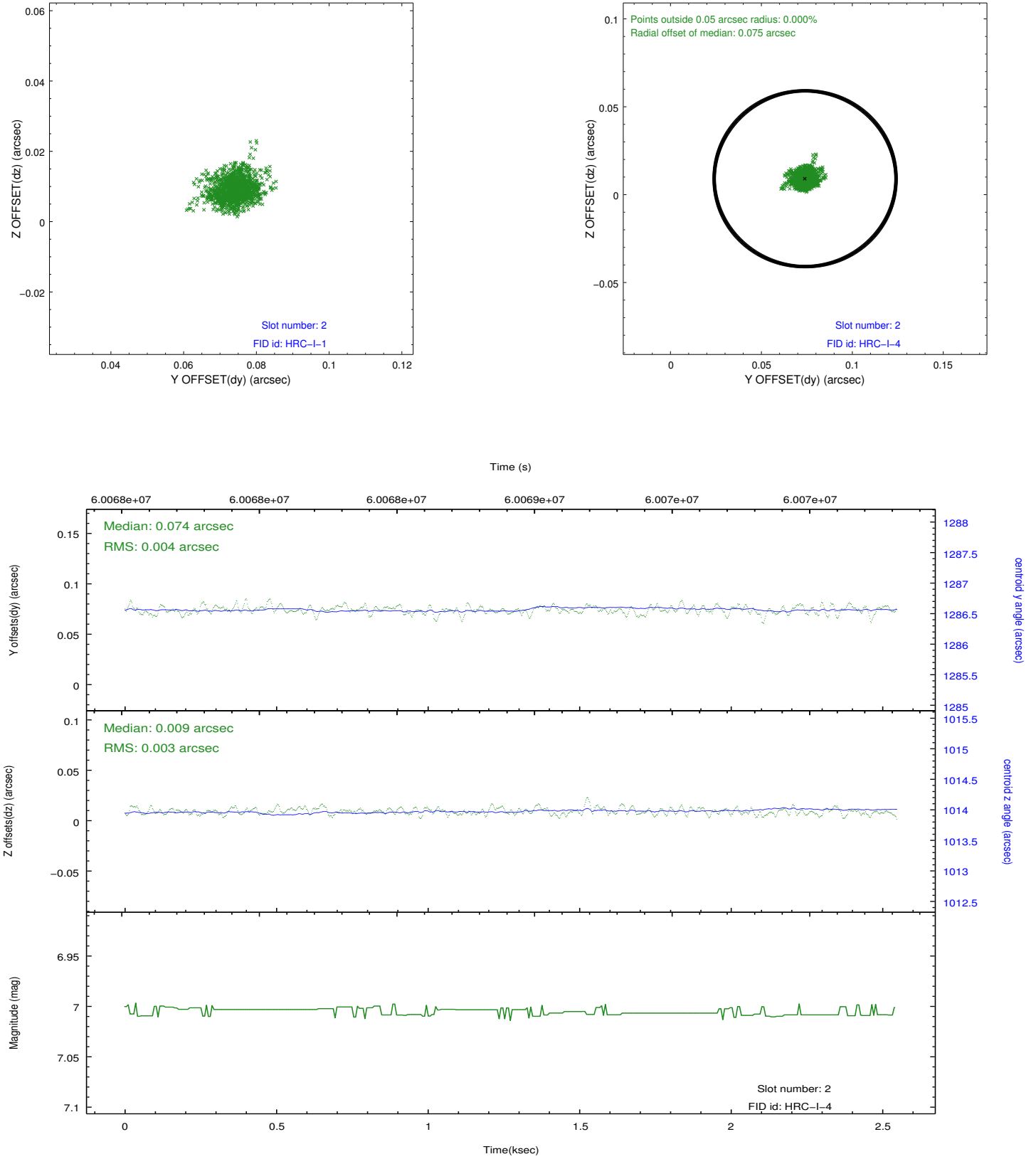
2.5.1 Slot 0



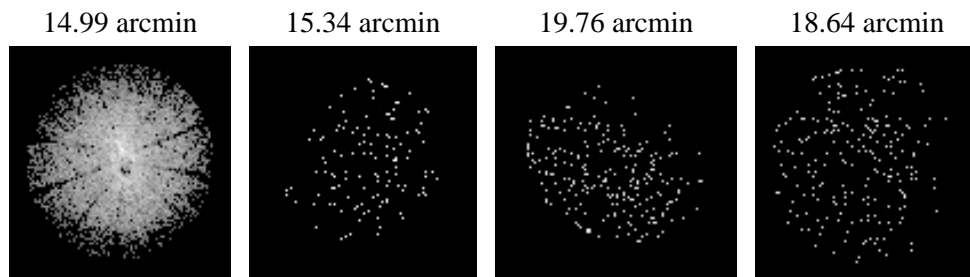
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.334

A.2 Comments

HRC-I point spread function calibration. Target is off-axis.