

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1147 - L2 Version 4

Chandra X-Ray Center

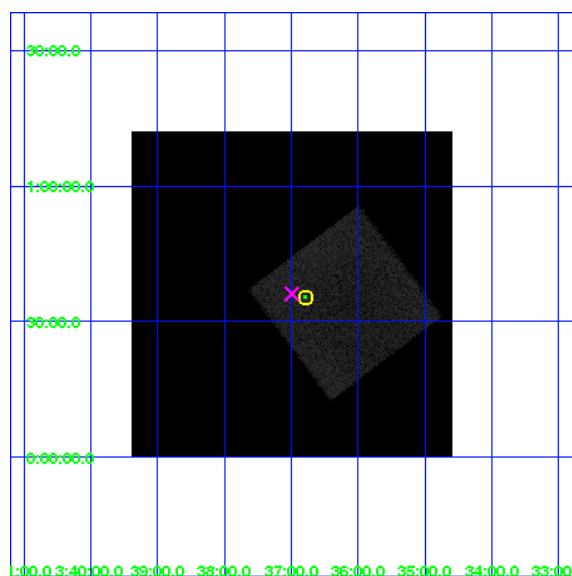
L2 Processing Date : Jan 12 2010

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1 Front

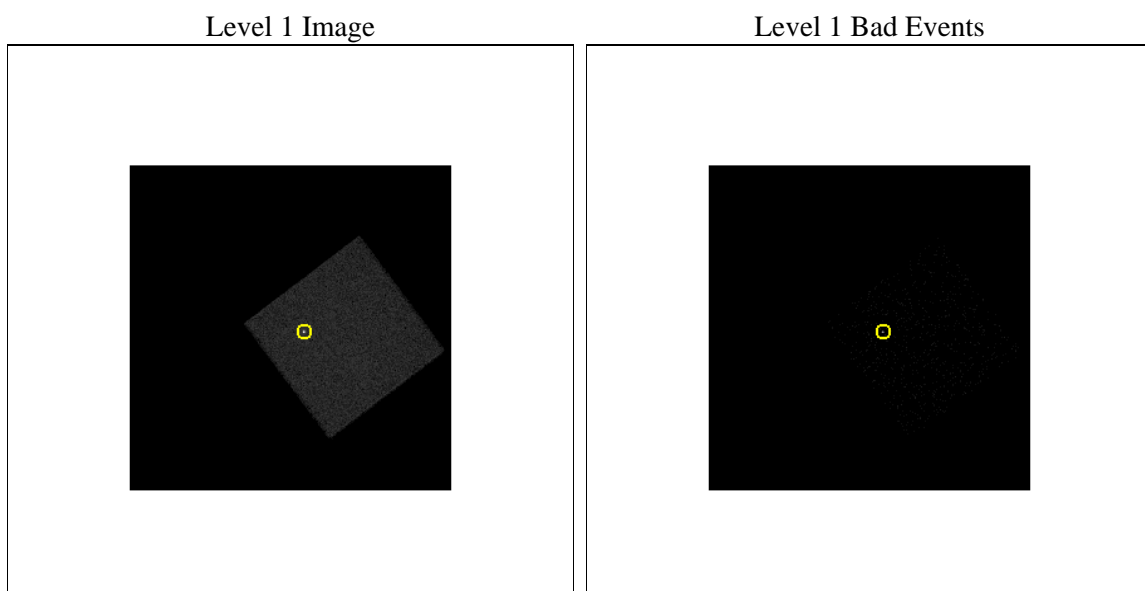
seq_num	280097	Sequence number
obs_id	1147	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.247807815199	Nominal RA
dec_nom	0.60270457160907	Nominal Dec
roll_nom	98.054380372966	Nominal Roll
revision	4	Processing version of data
ontime	794.63127853721	[s]
livetime	783.91124693386	Ontime multiplied by DTCOR
l2events	64629	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	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	794.63127853721	[s]
caldbver	4.1.5	 	l1events	105336	Number of level 1 events
date	2010-01-13T00:24:39	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

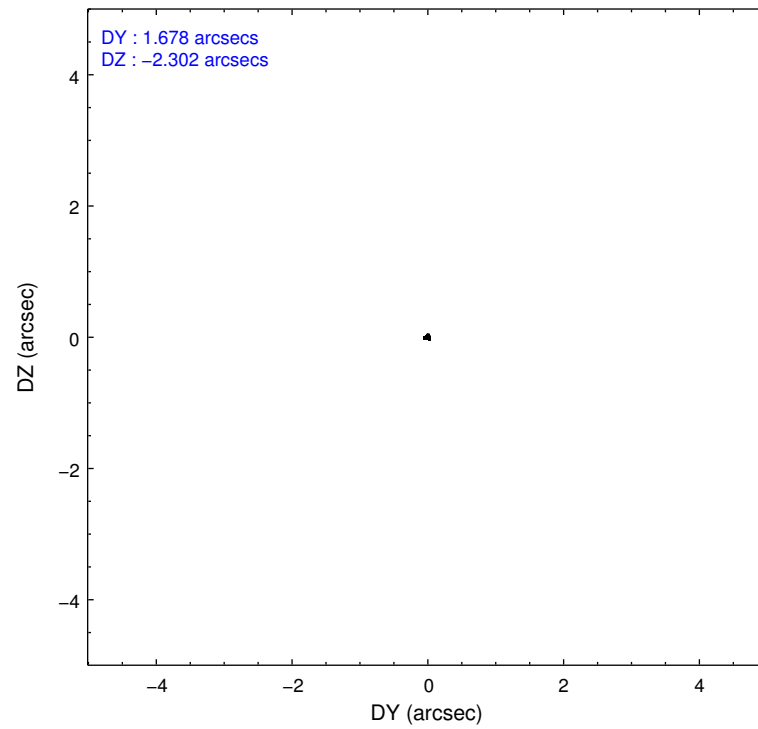
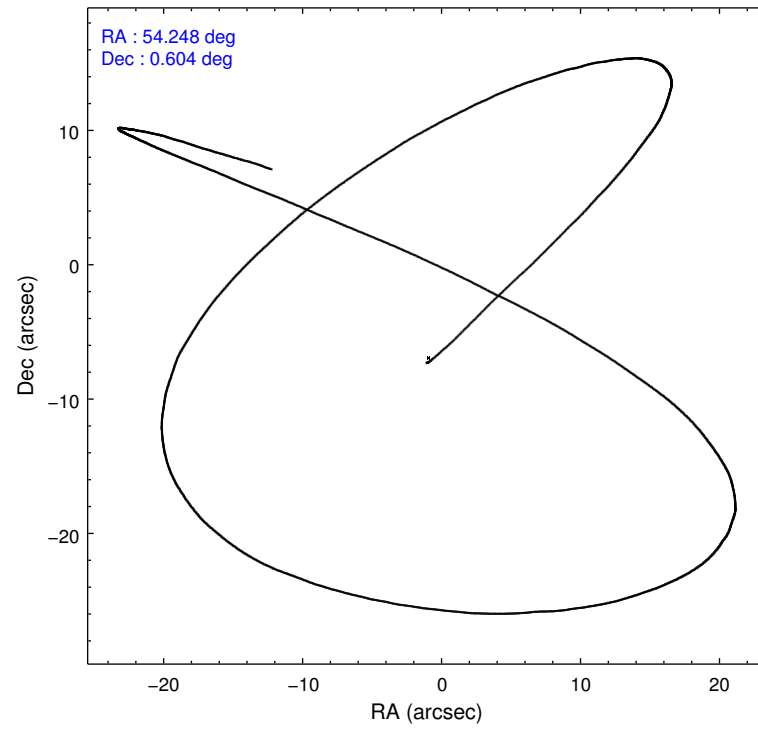
	segment 0
level 1 events	105336
rejected events	5694
rejected %	5%

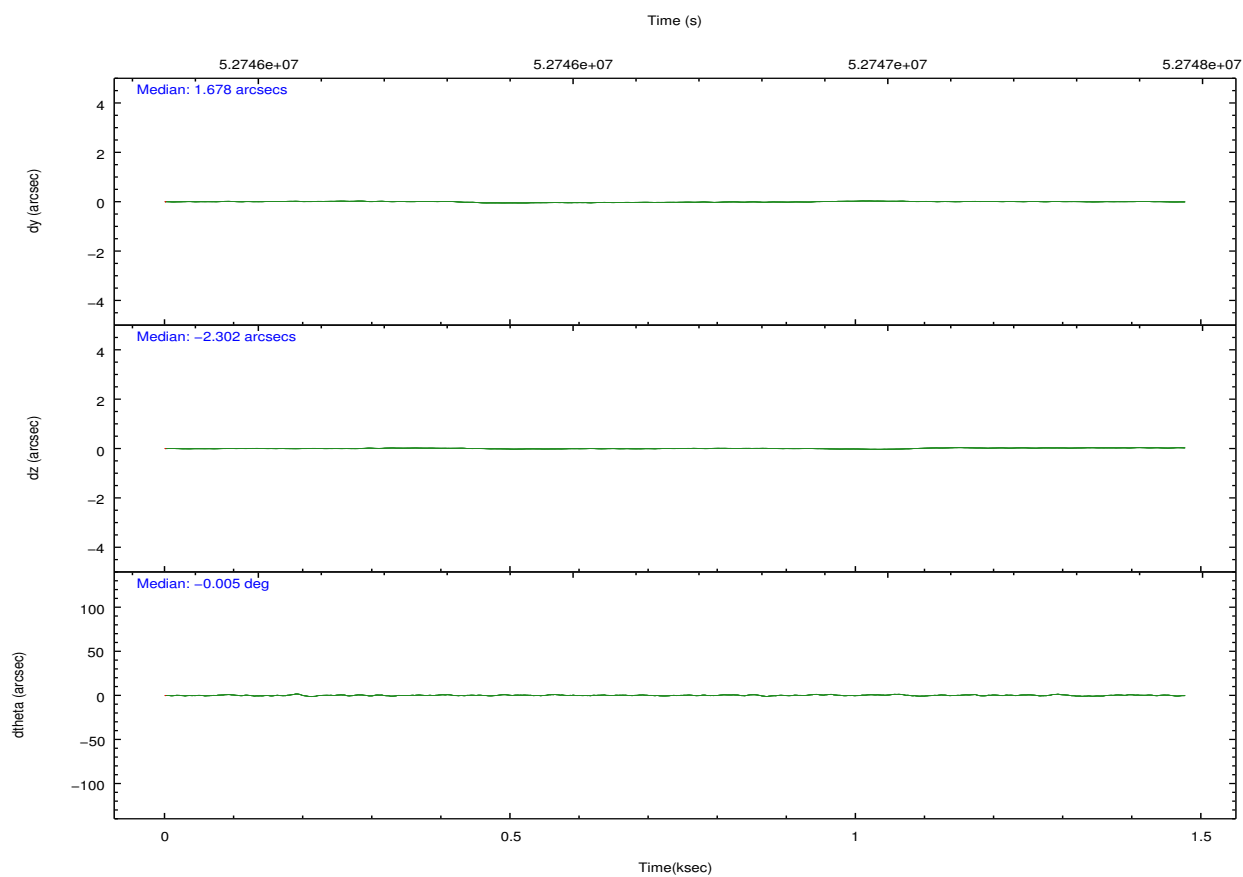
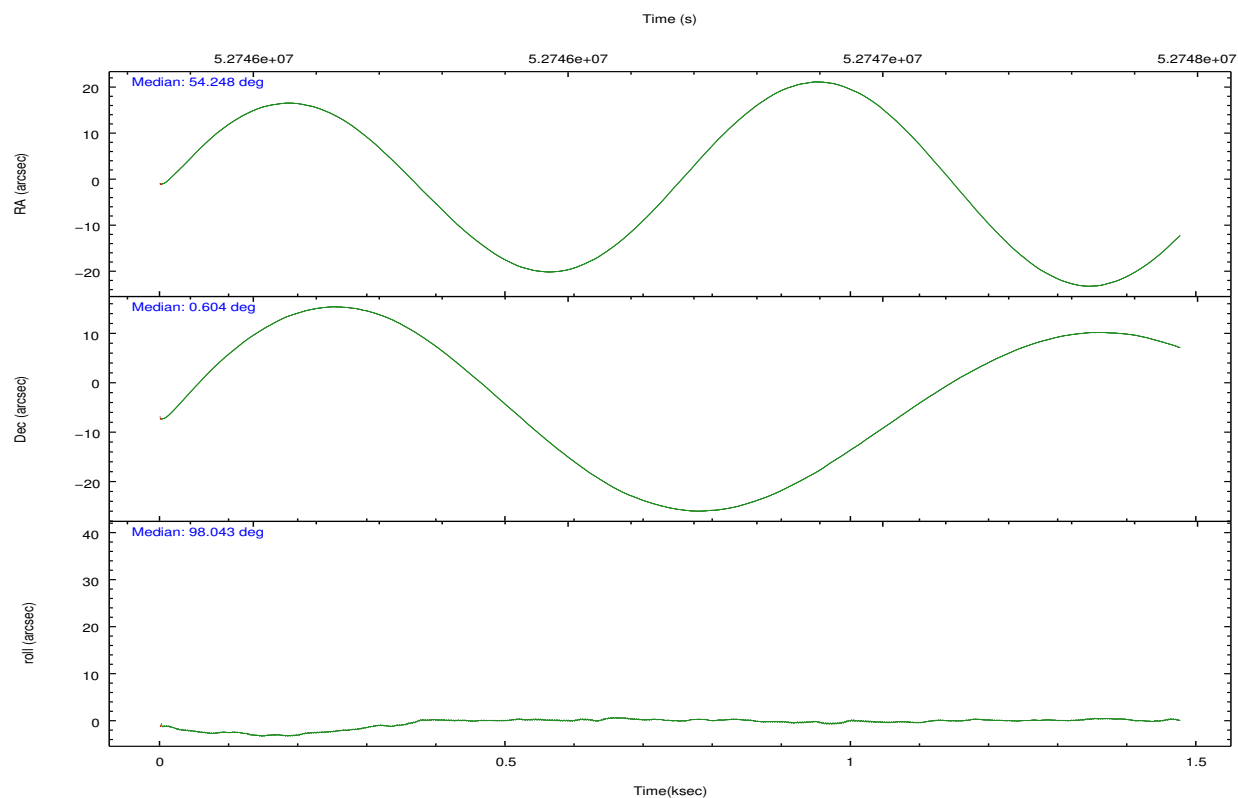
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.264828	54.24780781519878
Pointing Dec	0.580145	0.6027045716090664
Pointing Roll	98.149687	98.05438037296597
SIM focus pos (mm)	-1.040293	-1.300001029371461
SIM defocus (mm)	0	-0.259708408712586
SIM translation stage pos (mm)	91.869942	91.86553817309772
SIM translation stage offset (mm)	35.115552	35.11995071850384
Observation start time	52746402.184000	52745735.995033
Observation start date	1999-09-03T11:45:38	1999-09-03T11:35:35
Observation end time	52747402.184000	52747535.895098
Observation end date	1999-09-03T12:02:18	1999-09-03T12:05:35

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

2.3 Aspect



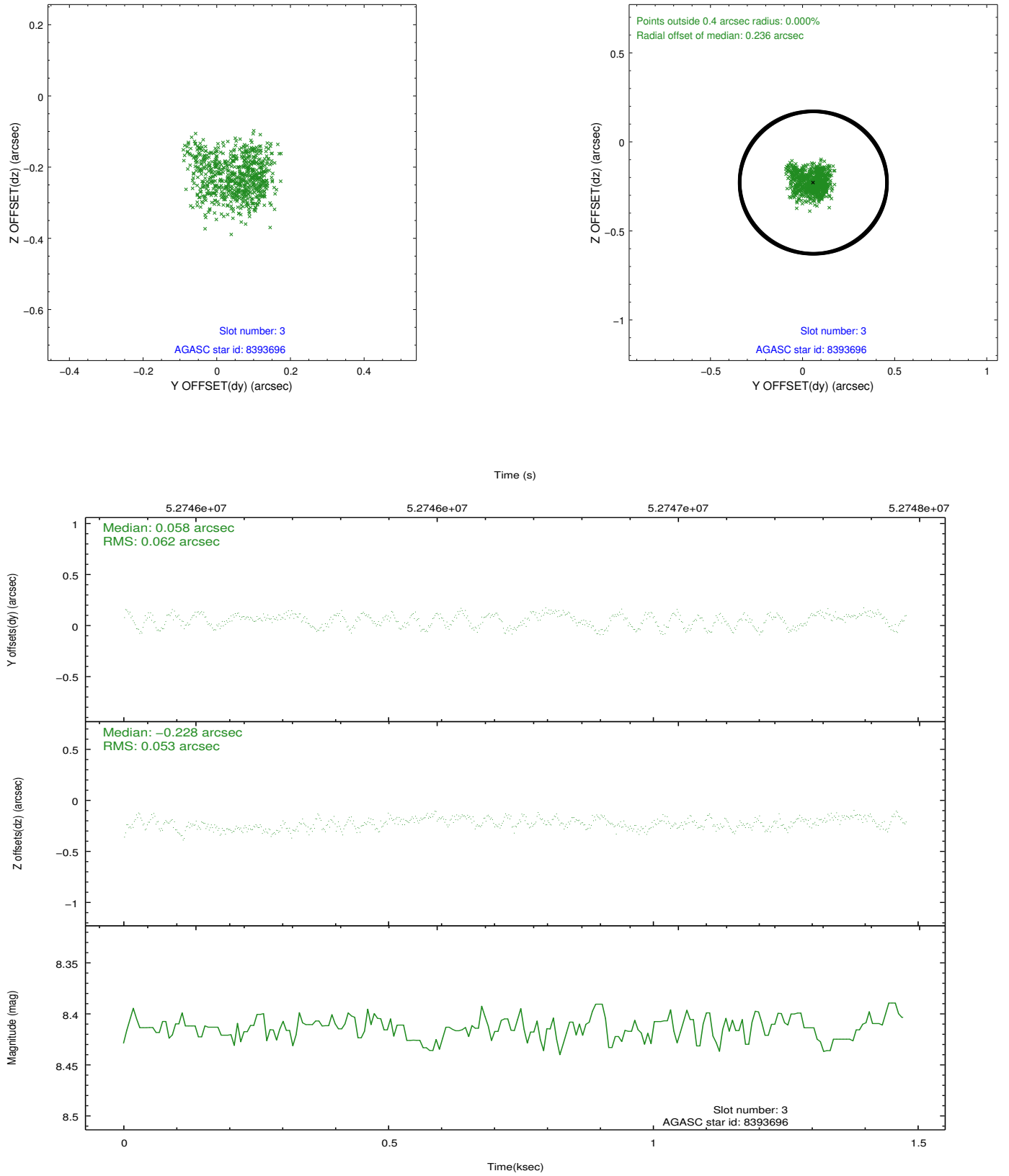


Slot Statistics

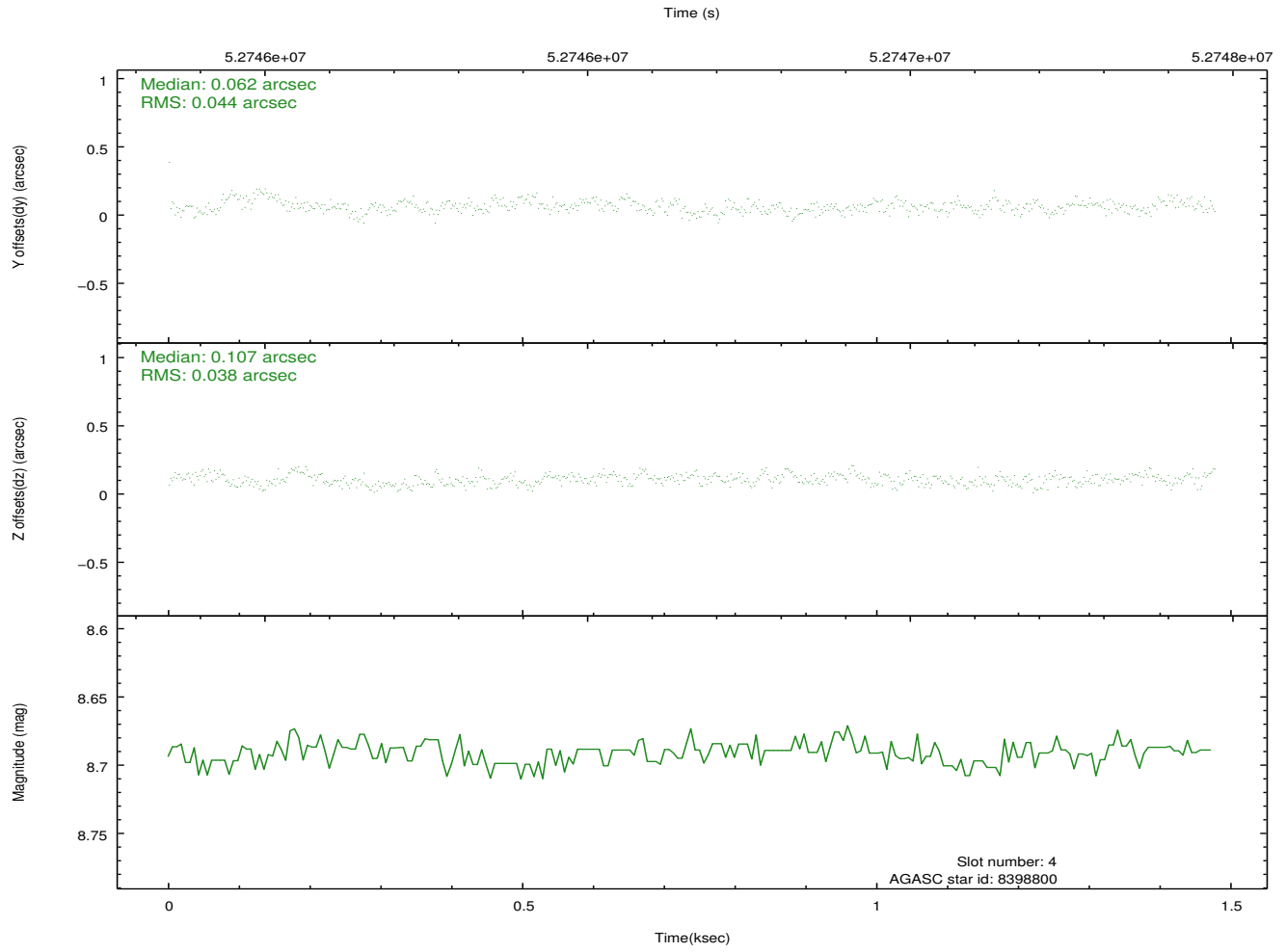
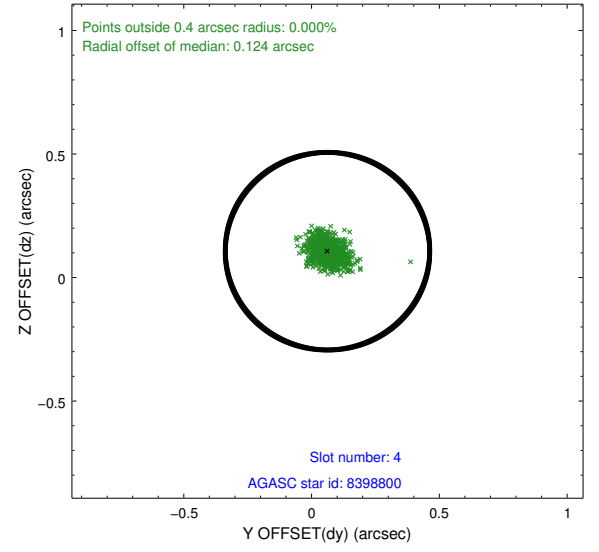
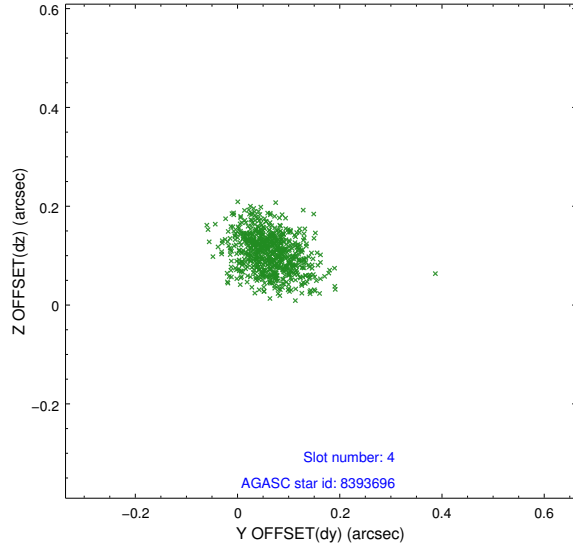
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	721	-0.262	-0.118	0.006	0.011	0.000000	0.000000	-755.82	-567.39
1	FID	HRC-I-3	7.01	721	0.249	-0.235	0.006	0.011	0.000000	0.000000	-1187.44	1739.92
2	FID	HRC-I-4	6.87	721	0.127	0.261	0.005	0.008	0.000000	0.000000	1283.06	1741.82
3	GUIDE	8393696	8.41	721	0.058	-0.228	0.088	0.135	53.645666	0.680479	669.14	2154.35
4	GUIDE	8398800	8.69	721	0.062	0.107	0.060	0.100	54.242352	0.922024	1226.66	-91.72
5	GUIDE	8390744	9.02	721	-0.070	-0.165	0.086	0.135	53.677290	0.926294	1530.63	1916.23
6	GUIDE	8395104	8.66	721	-0.016	0.168	0.071	0.119	54.744893	0.796520	524.54	-1818.78
7	GUIDE	8397624	9.54	720	-0.025	0.098	0.131	0.291	54.812881	1.297049	2272.41	-2321.20

2.4 Star Slots

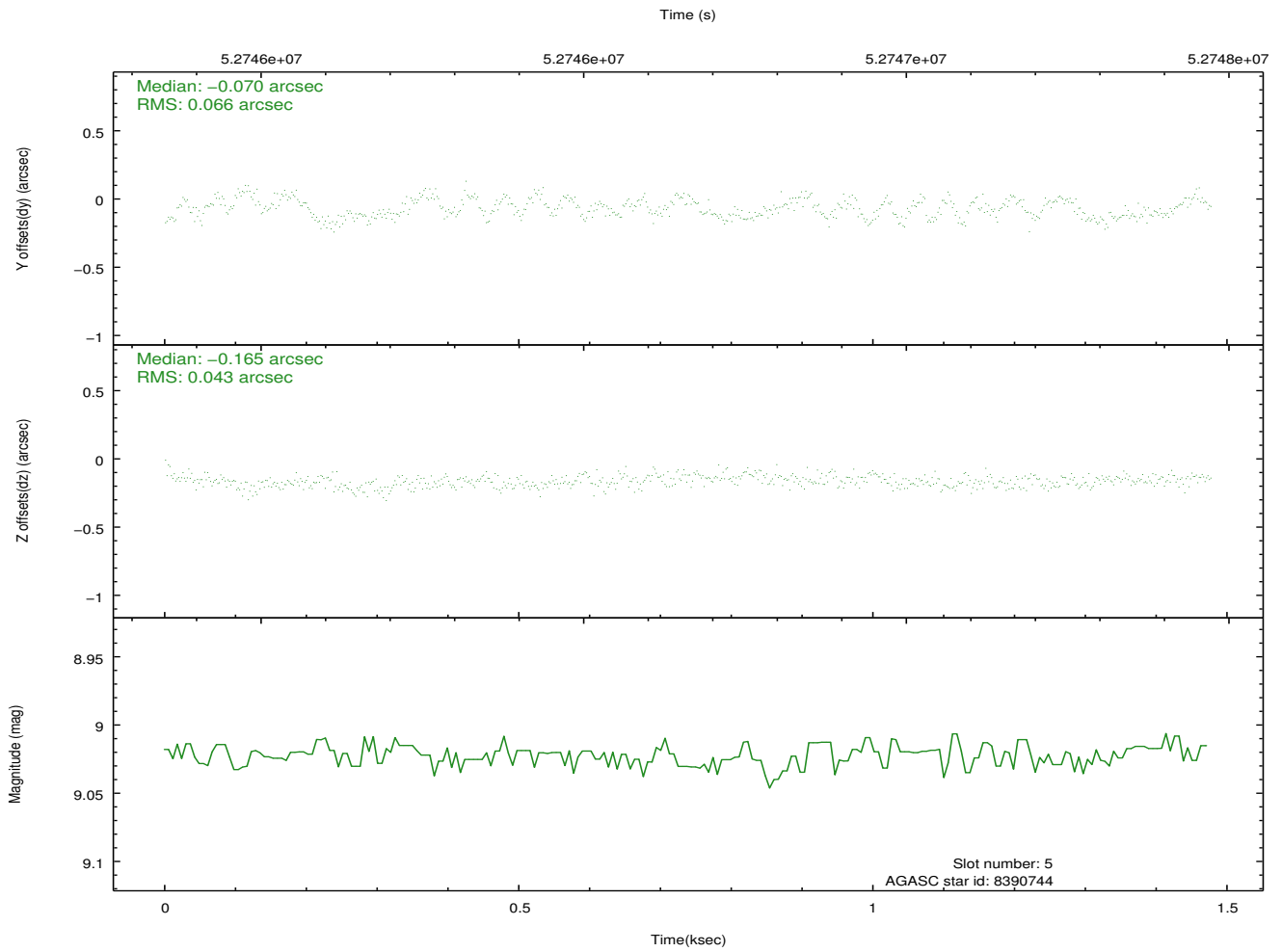
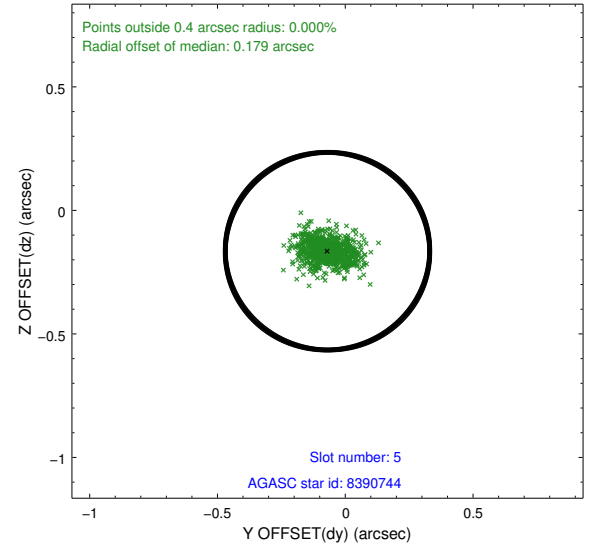
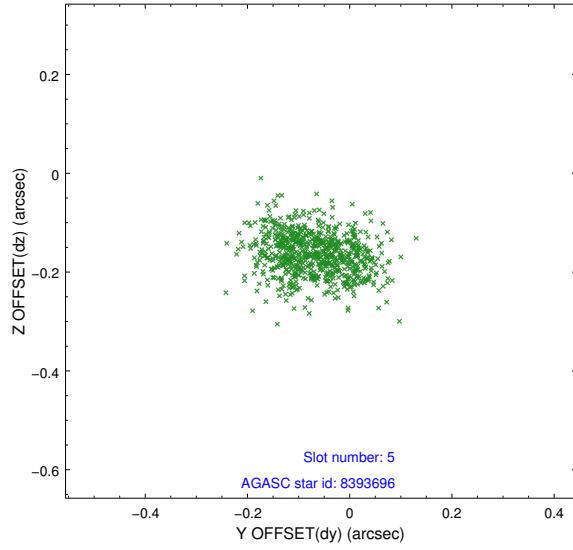
2.4.1 Slot 3



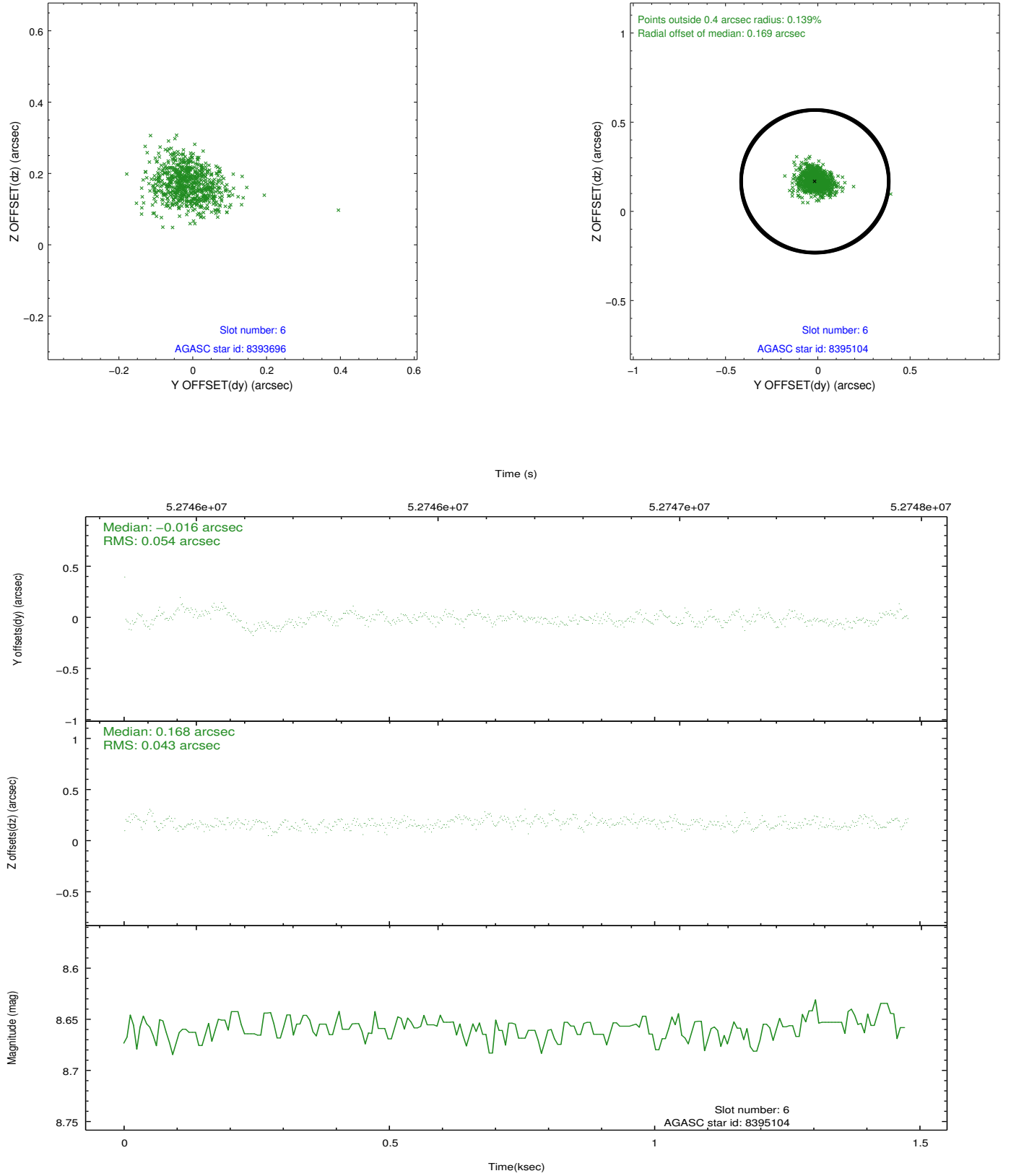
2.4.2 Slot 4



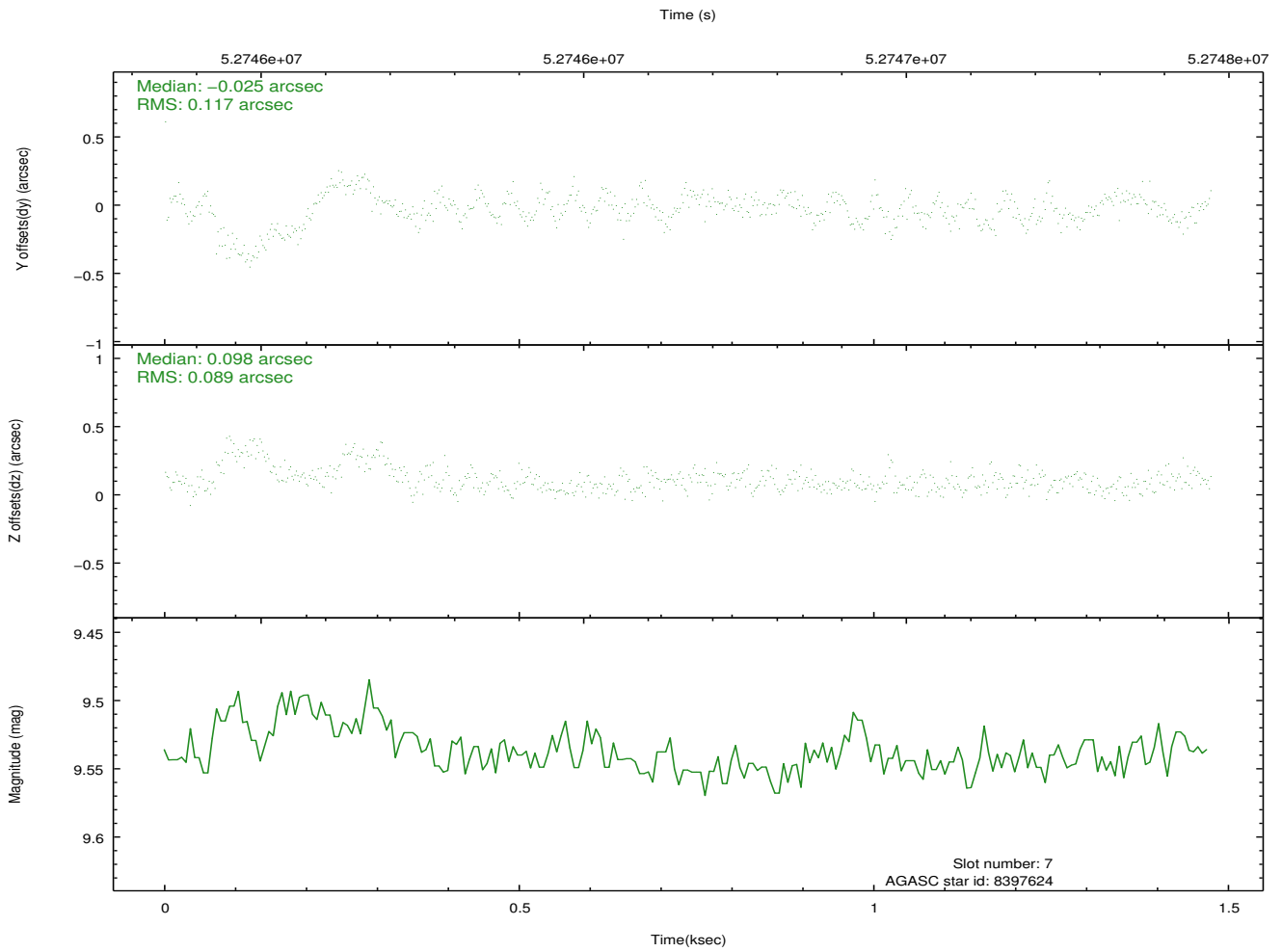
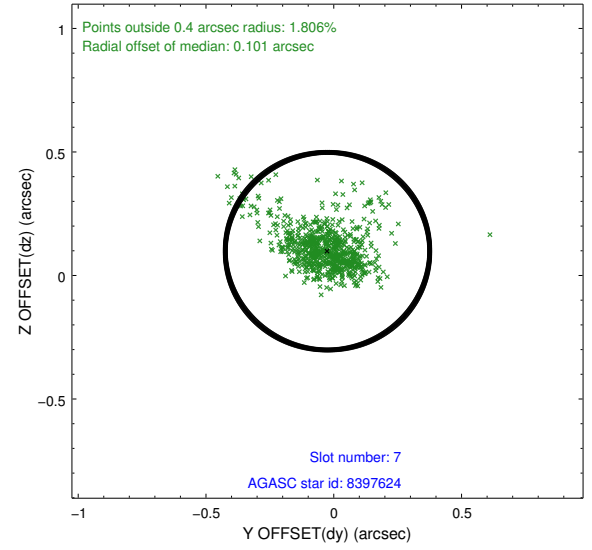
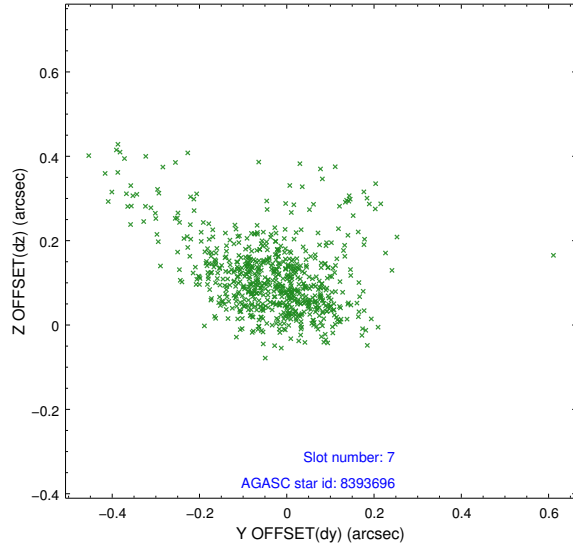
2.4.3 Slot 5



2.4.4 Slot 6

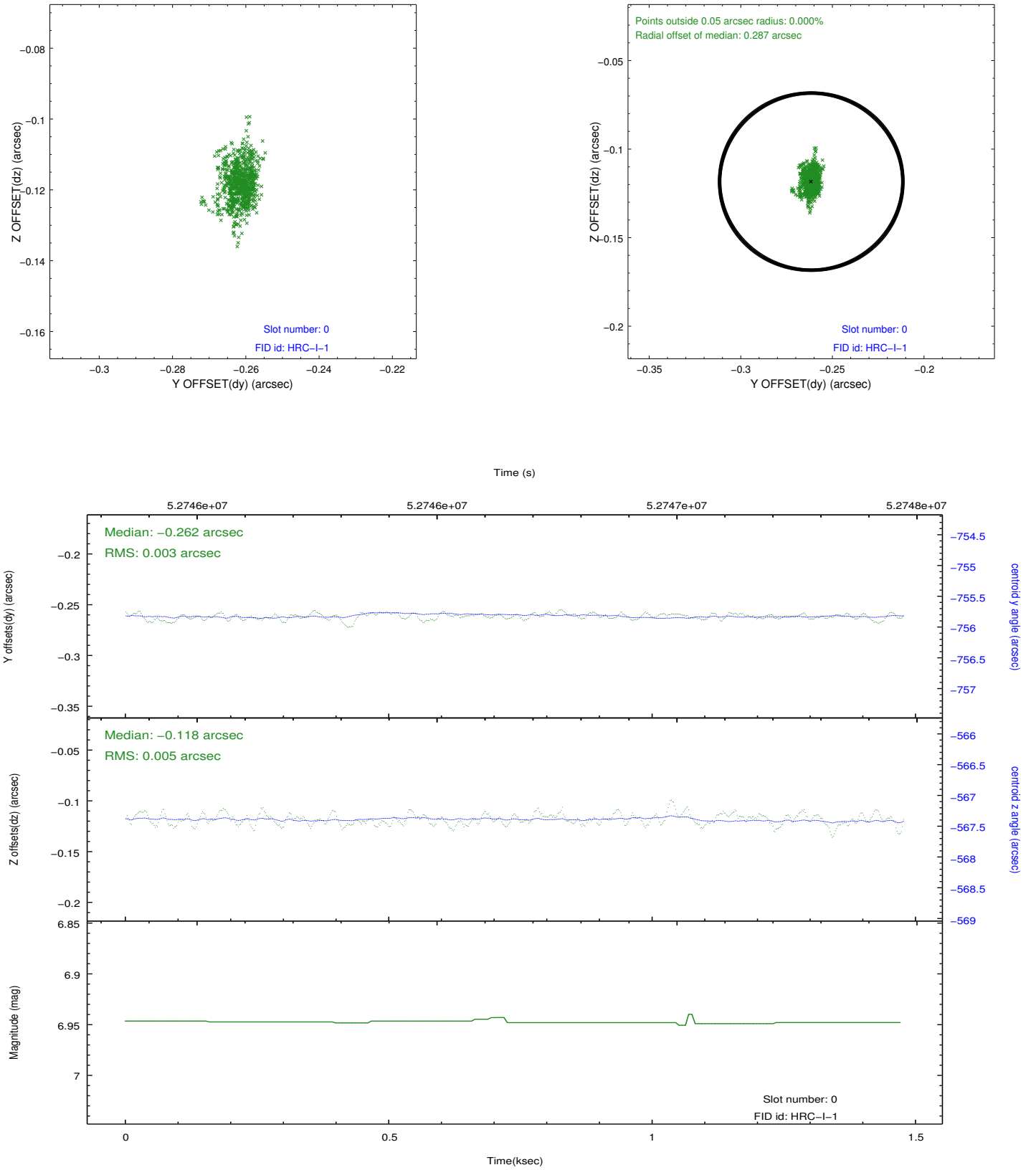


2.4.5 Slot 7

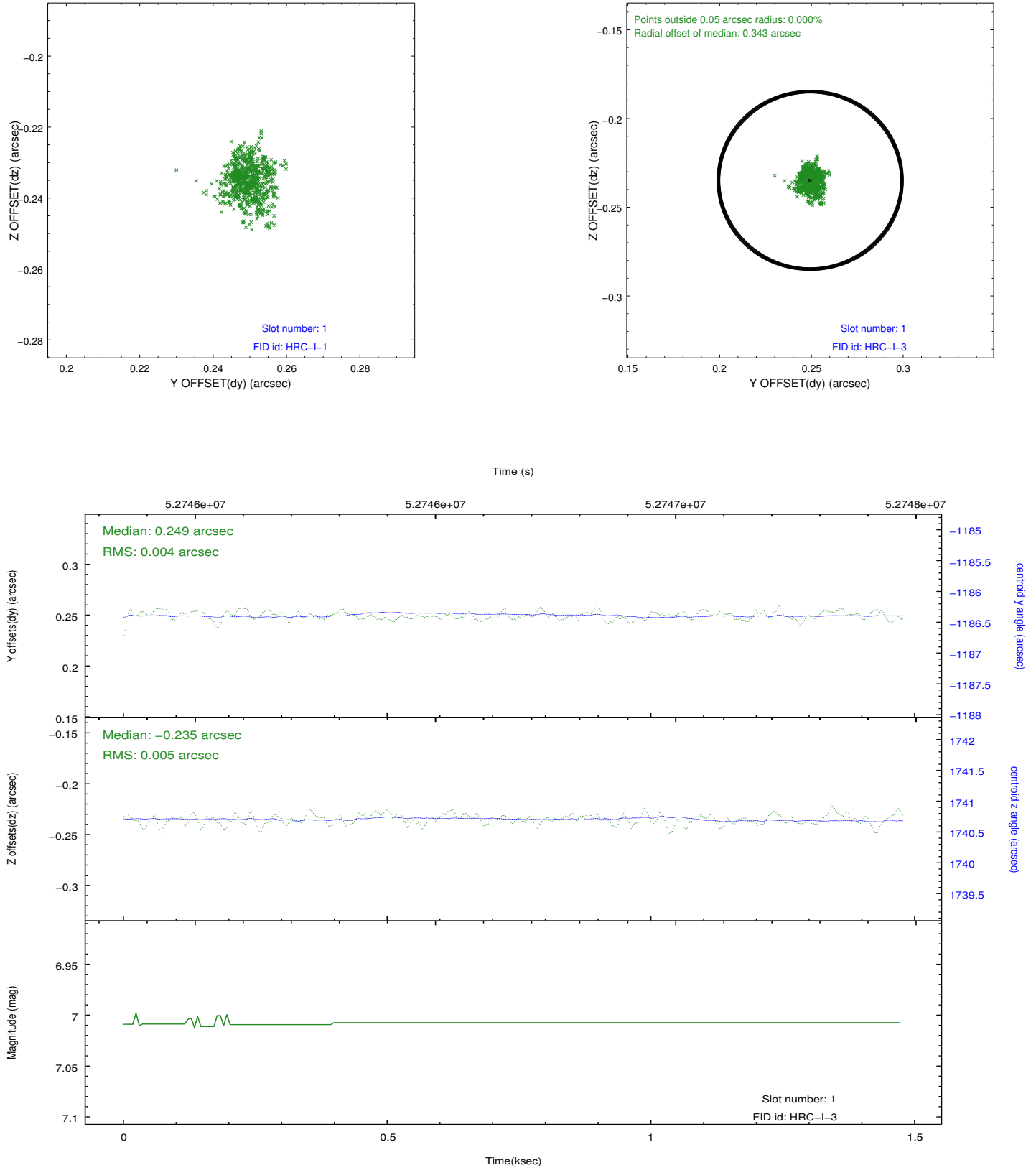


2.5 FID Slots

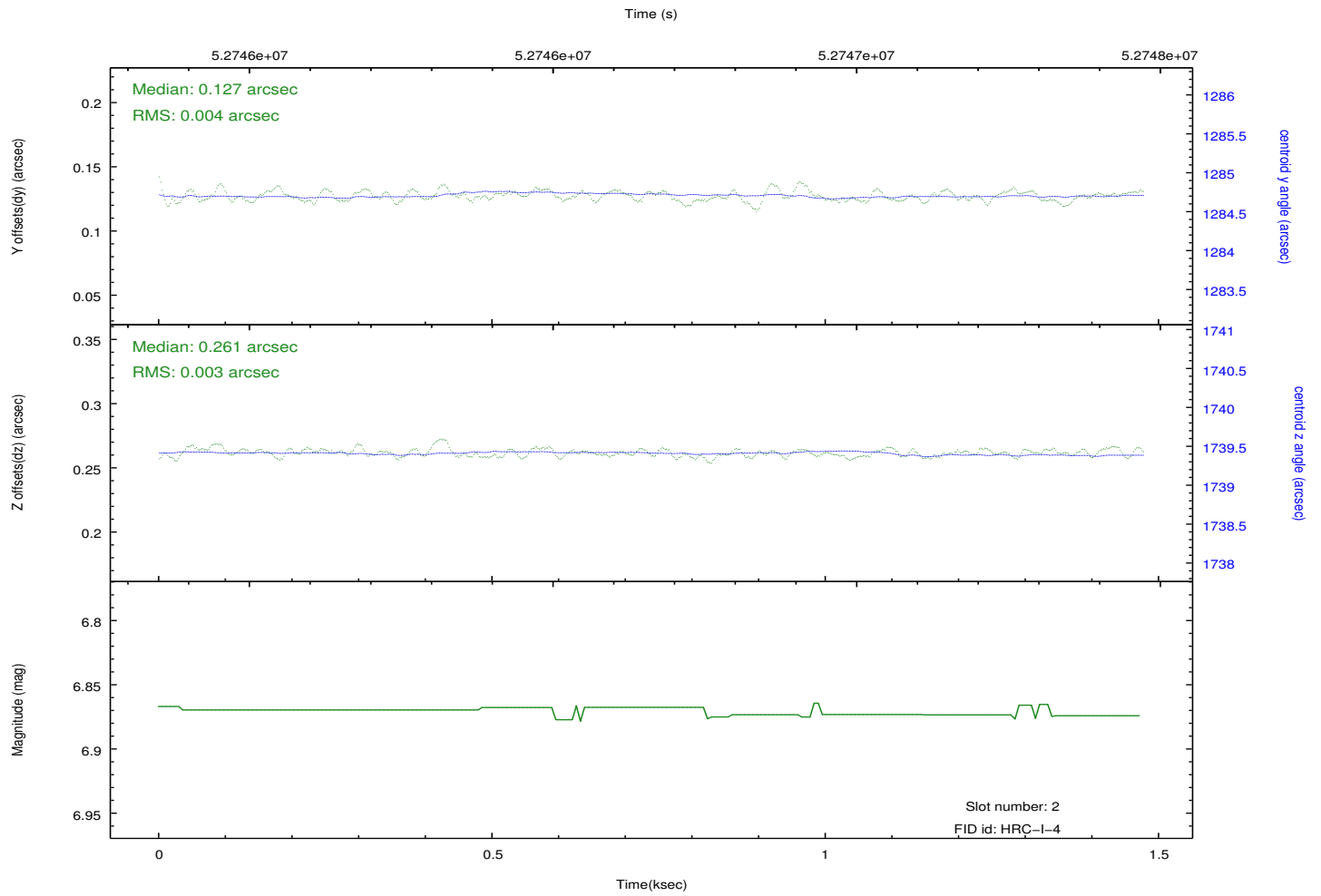
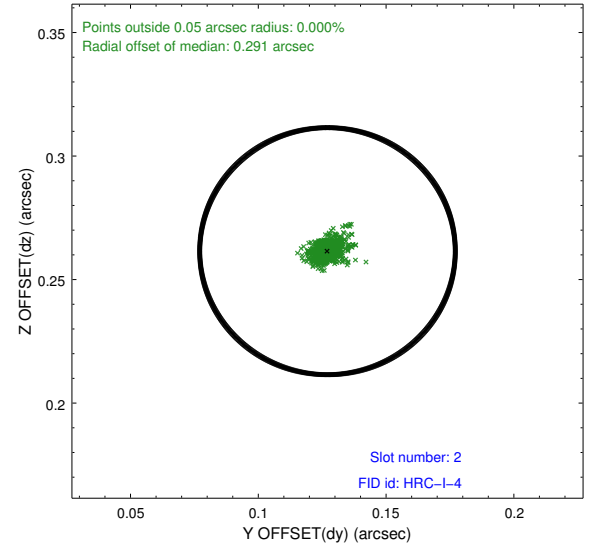
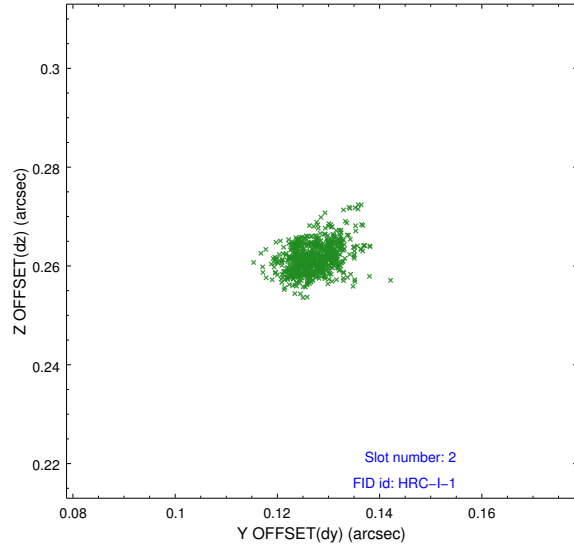
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

3.18 arcmin



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.793

A.2 Comments

HRC-I Optical Axis determination. SIMBAD coordinates for this object are ra = 03:36:47.2895, dec = +00:35:15.928. Observer requested coordinates ra = 03:36:47, dec = +00:35:23.90.30. Target was intended to be off-axis for calibration purposes, but it is not at the intended position on the chip due to the observer's error in the coordinates.

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Charge time for this observation remains at previous value of 0.793 ksec,
although with the current processing the charge time would have been 0.794 ksec.