

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1141 - L2 Version 4

Chandra X-Ray Center

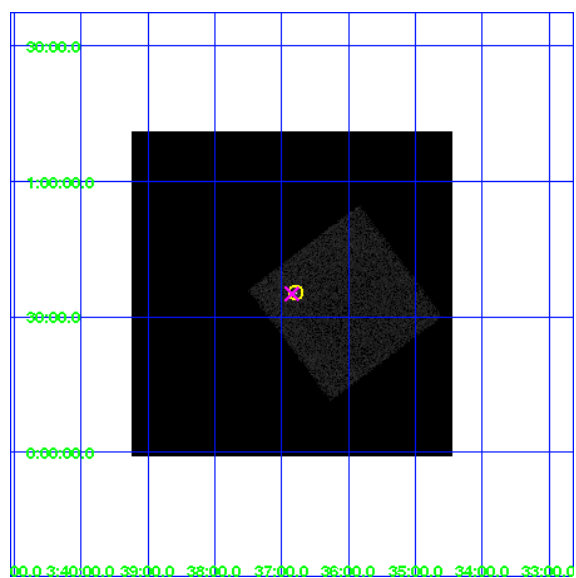
L2 Processing Date : Jan 12 2010

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1 Front

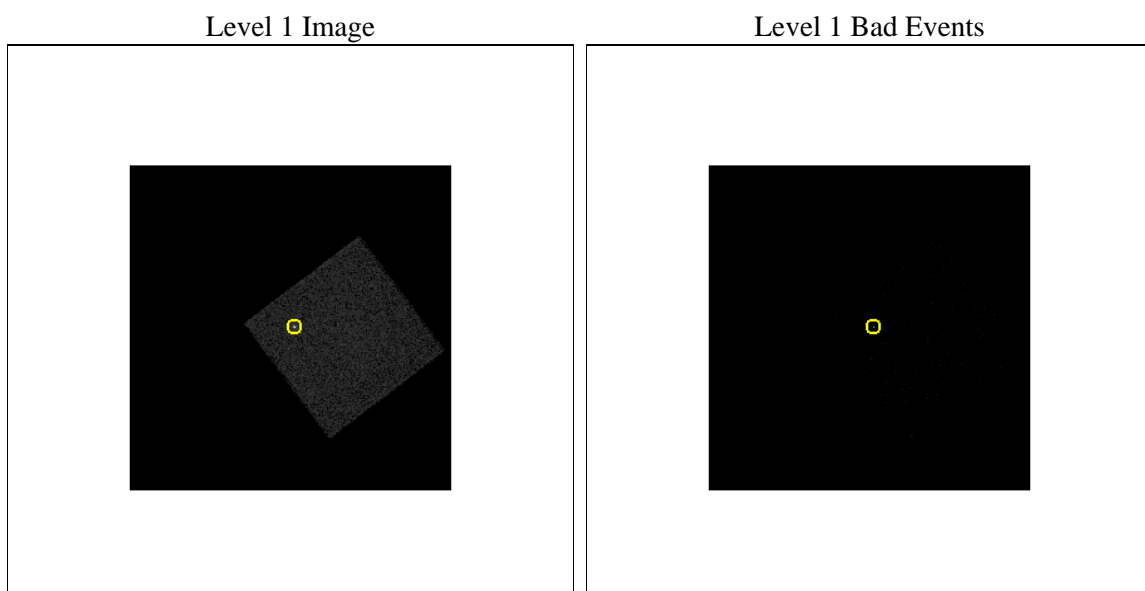
seq_num	280091	Sequence number
obs_id	1141	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.211690783743	Nominal RA
dec_nom	0.58562108684241	Nominal Dec
roll_nom	98.089423470354	Nominal Roll
revision	4	Processing version of data
ontime	796.68127860874	[s]
livetime	790.09173913429	Ontime multiplied by DTCOR
l2events	34281	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	796.68127860874	[s]
caldbver	4.1.5	 	l1events	55359	Number of level 1 events
date	2010-01-13T00:10:27	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

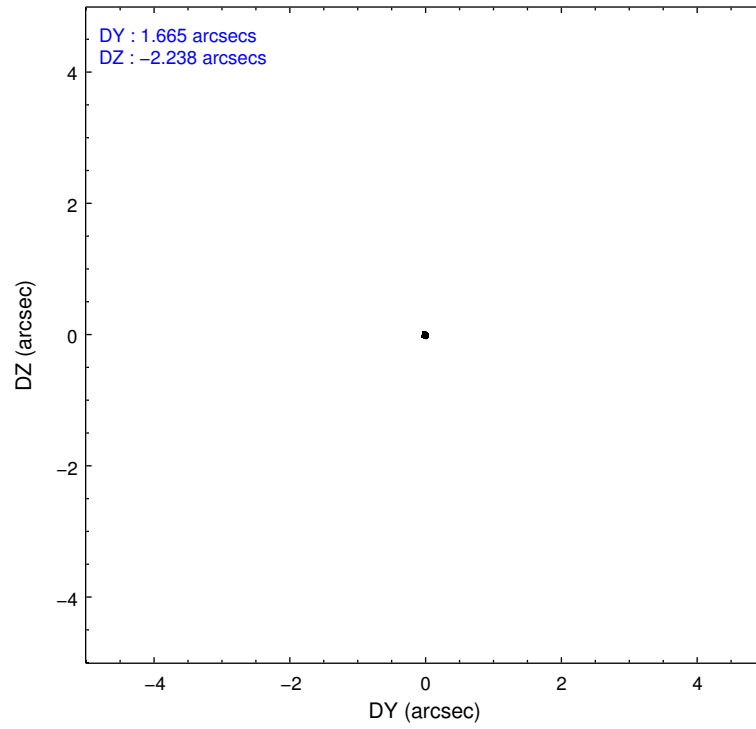
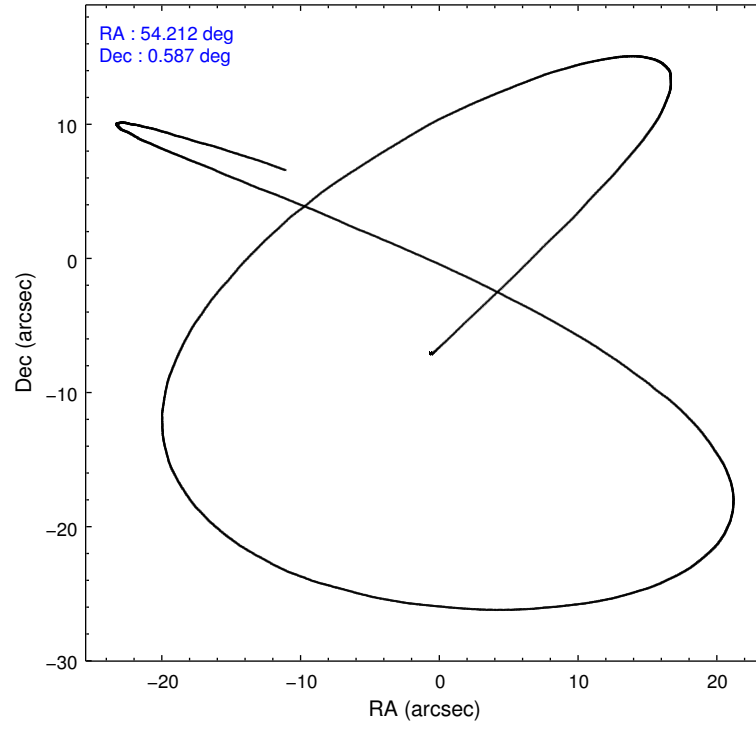
	segment 0
level 1 events	55359
rejected events	3102
rejected %	5%

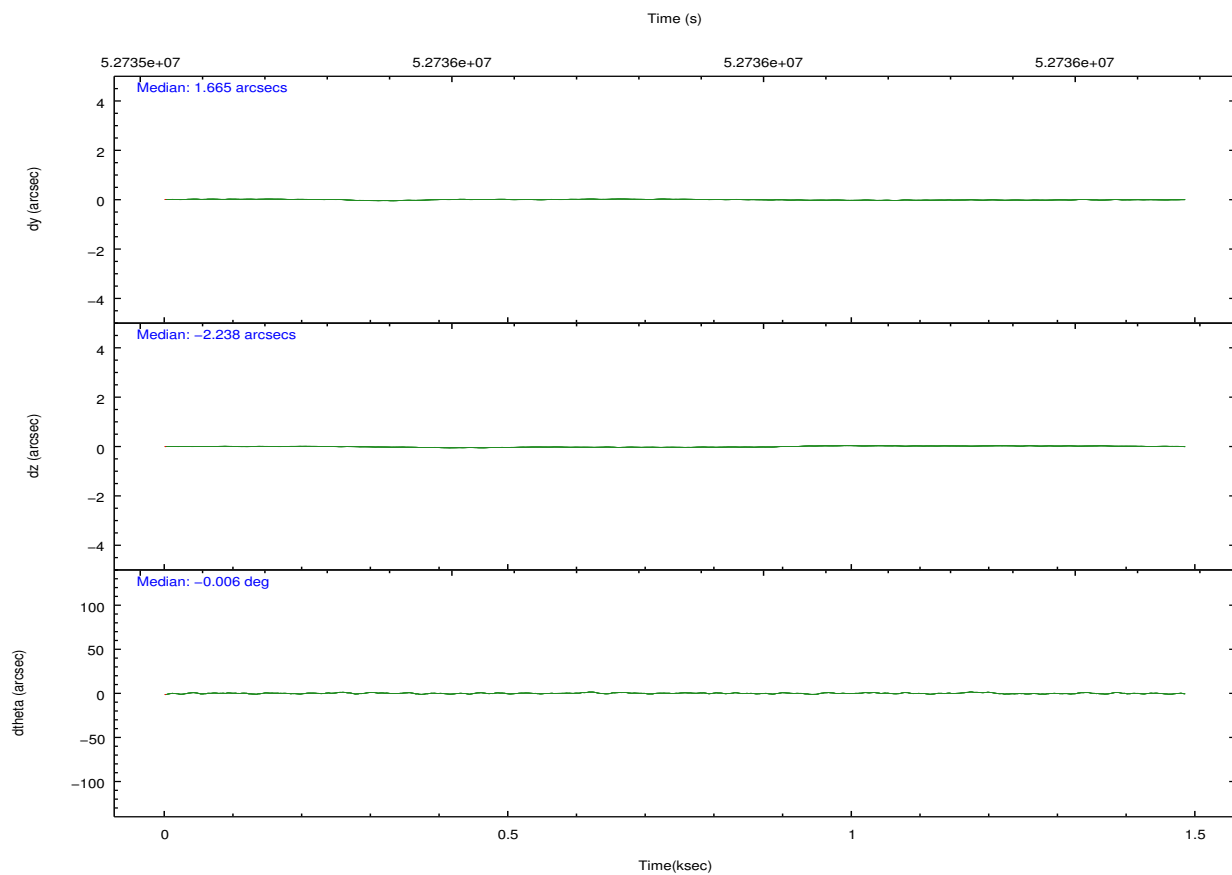
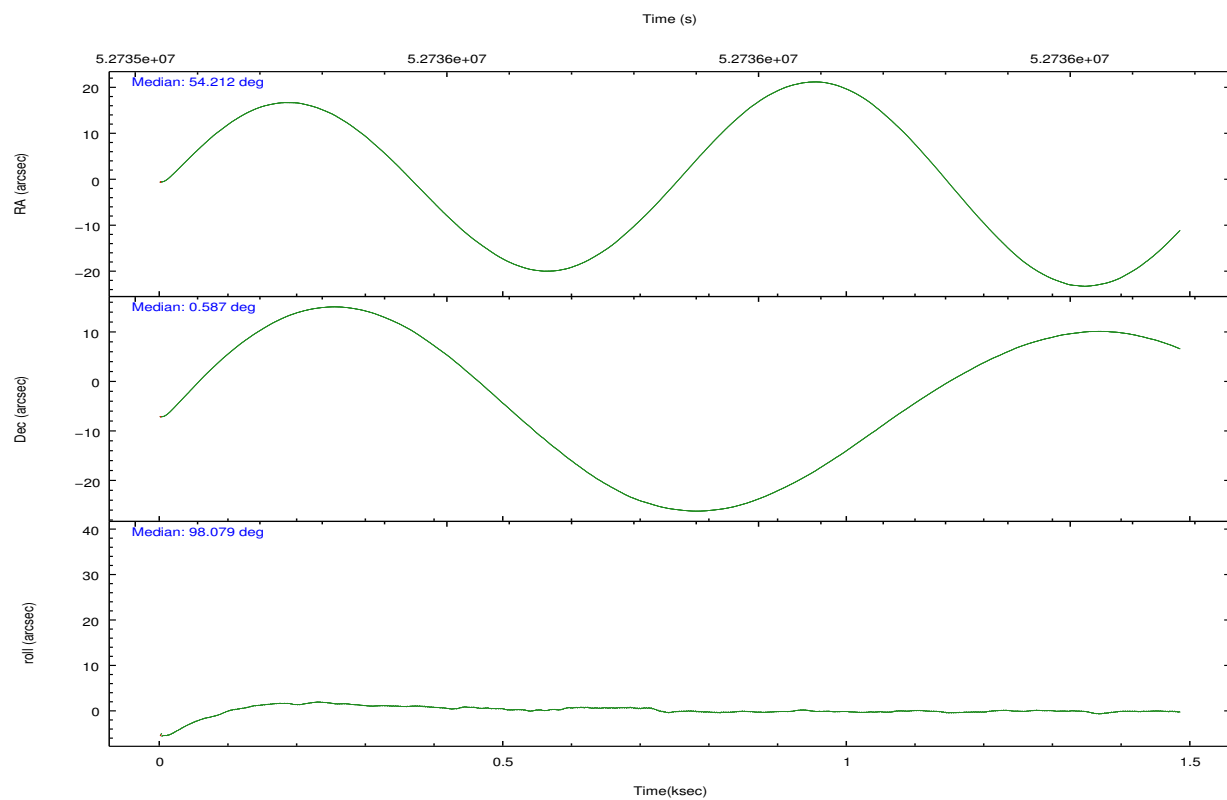
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.228738	54.21169078374296
Pointing Dec	0.563046	0.5856210868424094
Pointing Roll	98.184743	98.08942347035355
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	52735602.184000	52734935.569645
Observation start date	1999-09-03T08:45:38	1999-09-03T08:35:35
Observation end time	52736602.184000	52736735.46971
Observation end date	1999-09-03T09:02:18	1999-09-03T09:05:35

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

2.3 Aspect



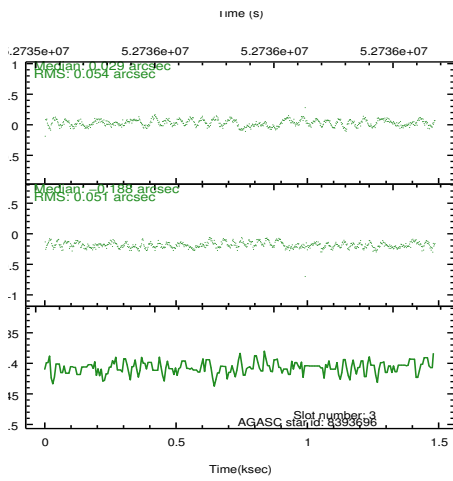
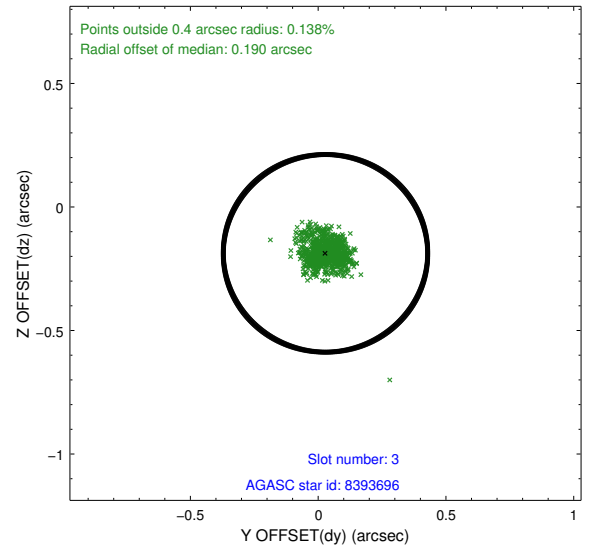
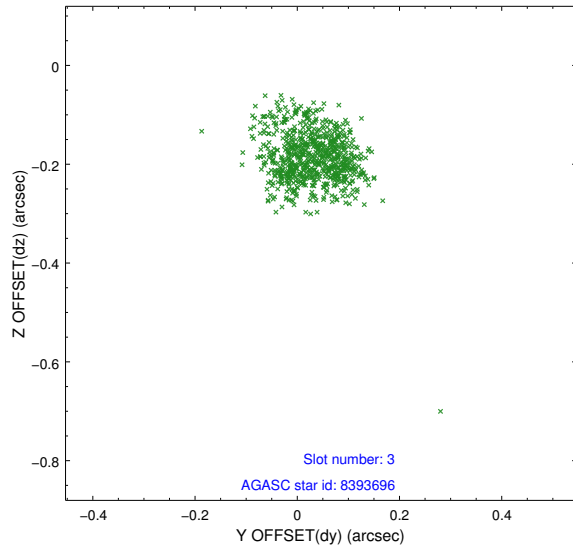


Slot Statistics

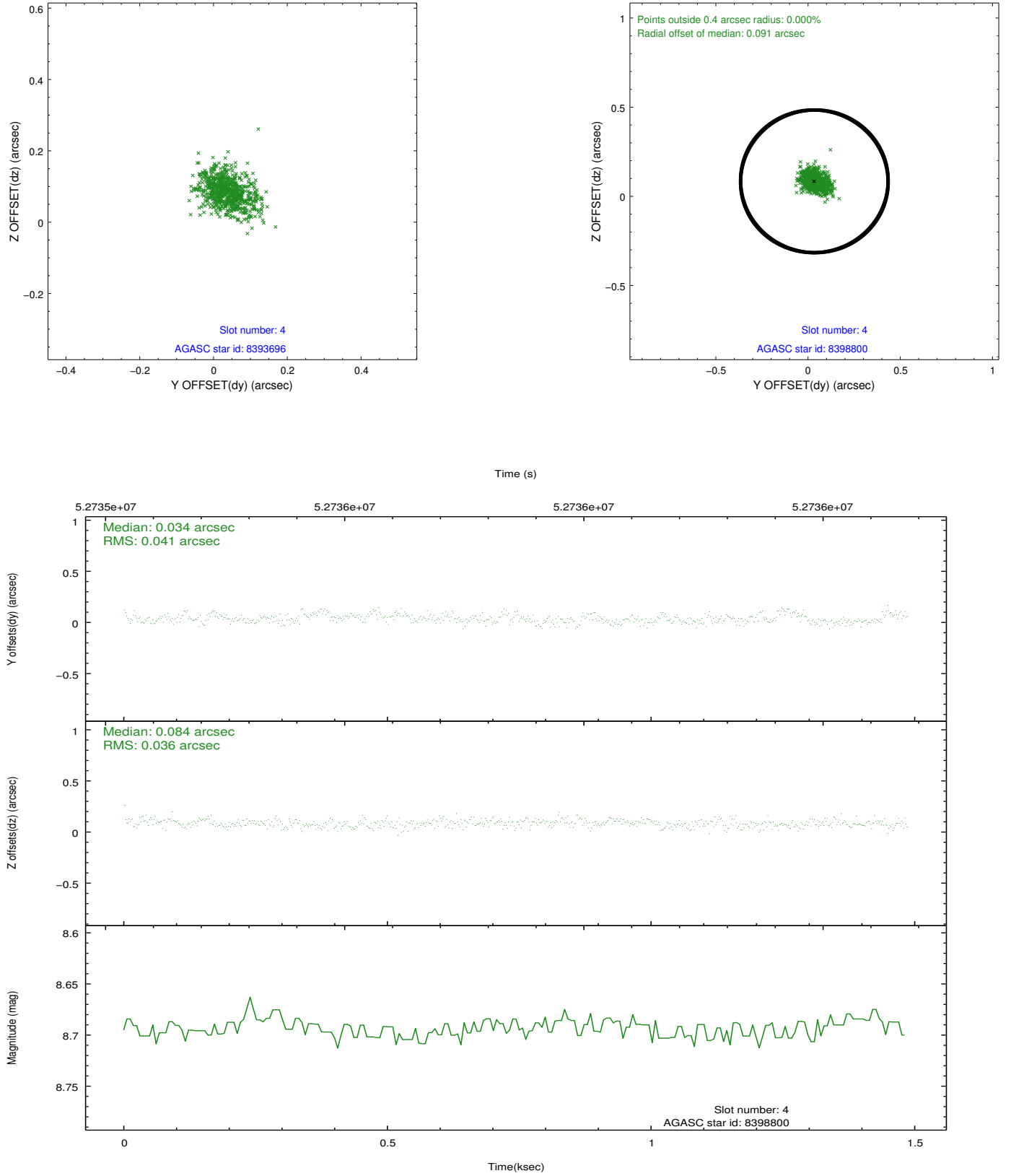
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	725	-0.264	-0.128	0.007	0.012	0.000000	0.000000	-755.81	-567.46
1	FID	HRC-I-3	7.01	725	0.250	-0.229	0.007	0.012	0.000000	0.000000	-1187.43	1739.87
2	FID	HRC-I-4	6.87	725	0.129	0.266	0.005	0.009	0.000000	0.000000	1283.08	1741.76
3	GUIDE	8393696	8.41	725	0.029	-0.188	0.077	0.117	53.645666	0.680479	712.96	2016.83
4	GUIDE	8398800	8.69	725	0.034	0.084	0.056	0.095	54.242352	0.922024	1269.15	-229.85
5	GUIDE	8390744	9.02	725	-0.050	-0.146	0.072	0.117	53.677290	0.926294	1574.38	1777.97
6	GUIDE	8395104	8.66	725	-0.024	0.194	0.068	0.115	54.744893	0.796520	565.98	-1956.43
7	GUIDE	8397624	9.54	724	0.009	0.051	0.113	0.180	54.812881	1.297049	2313.62	-2459.99

2.4 Star Slots

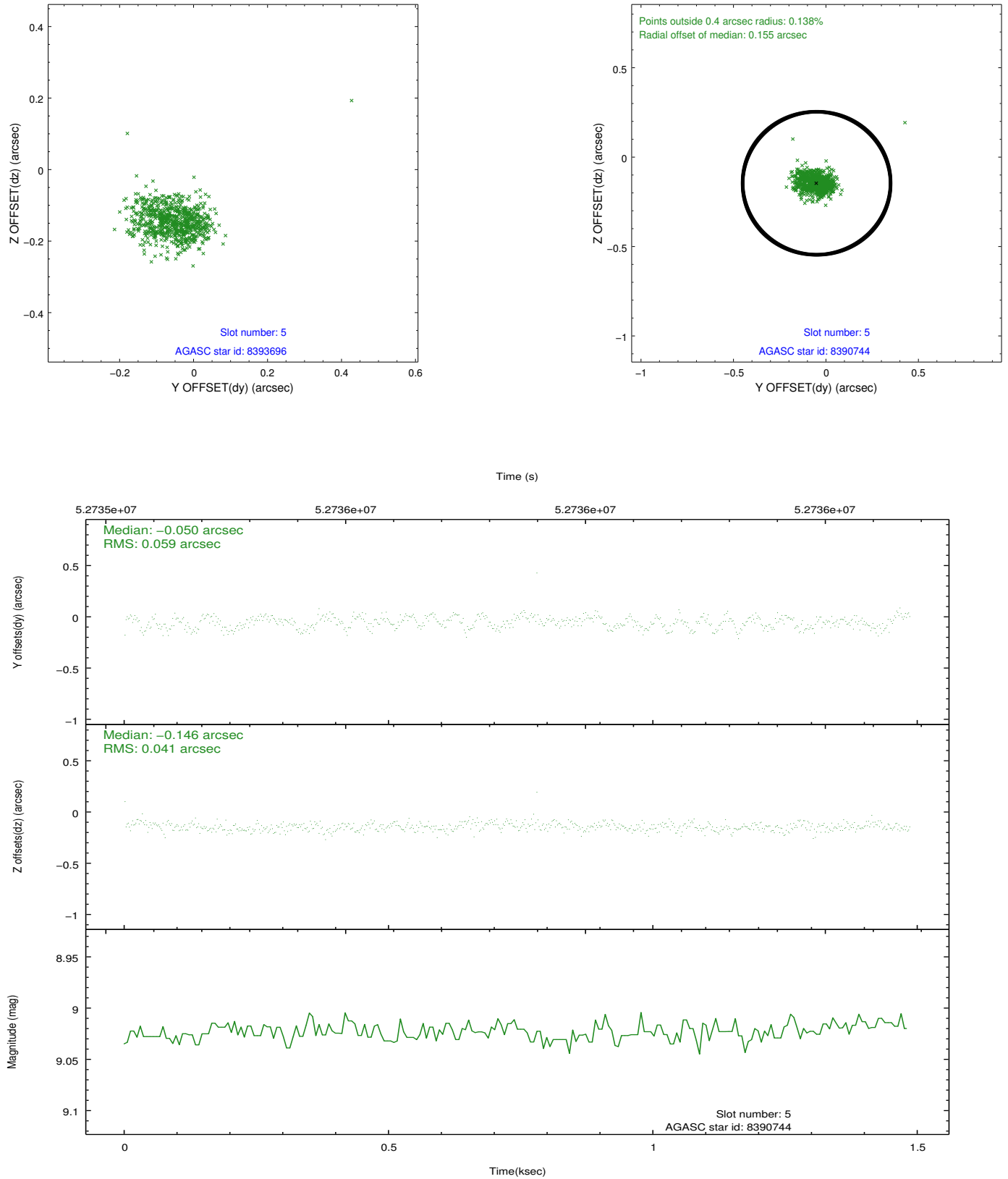
2.4.1 Slot 3



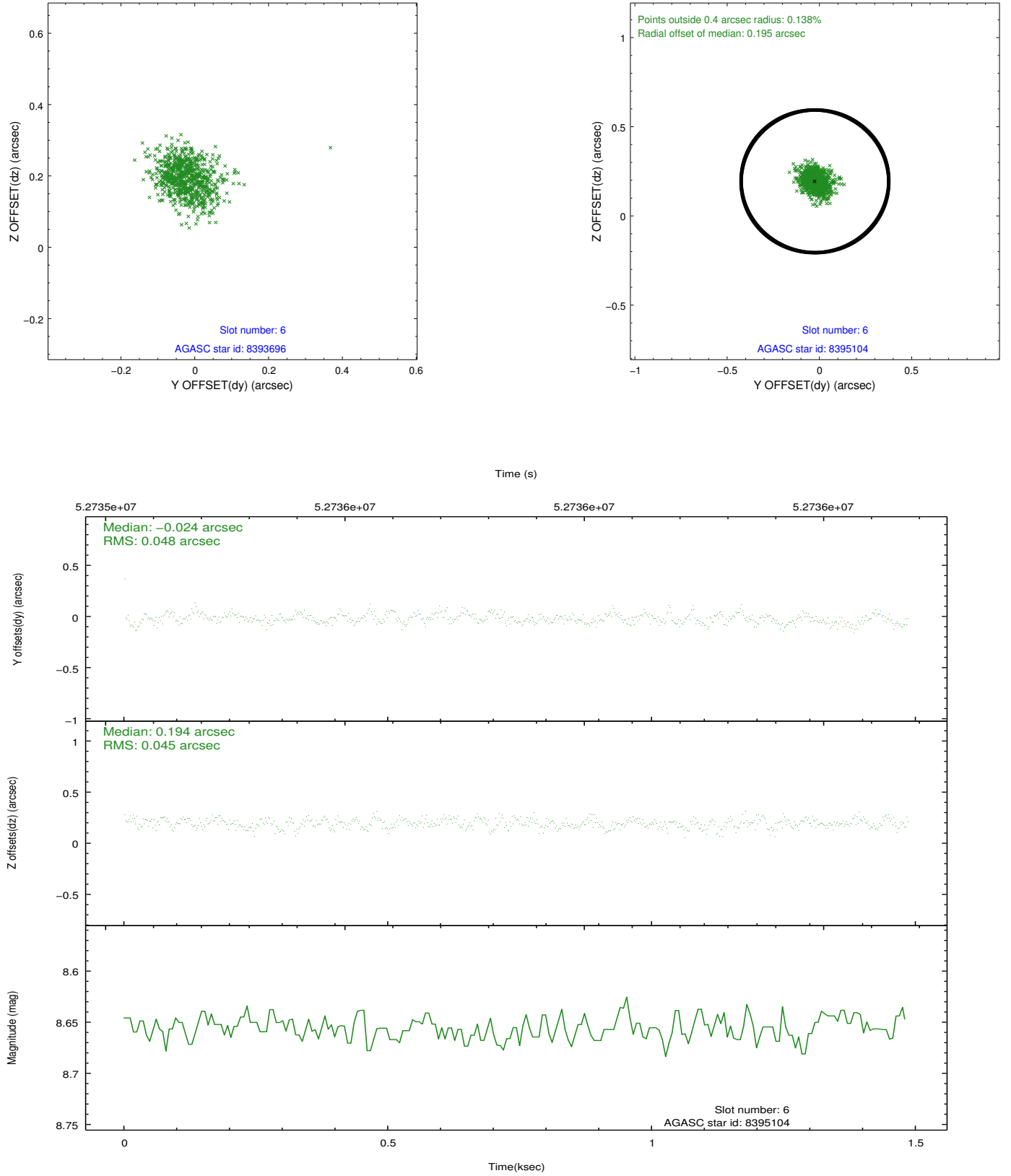
2.4.2 Slot 4



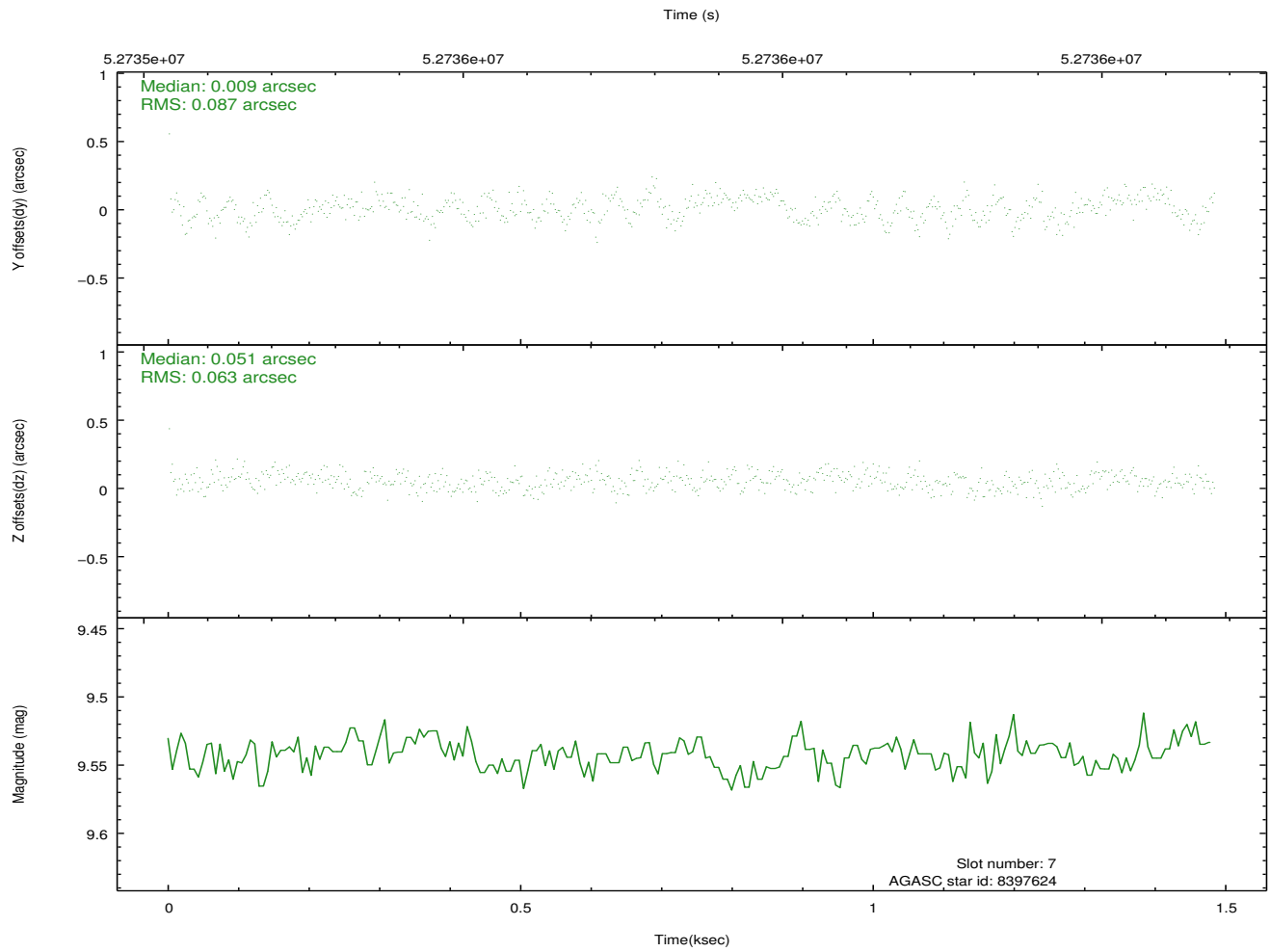
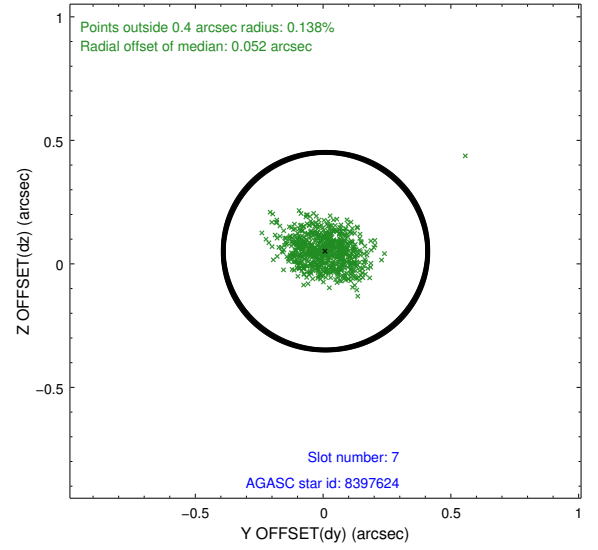
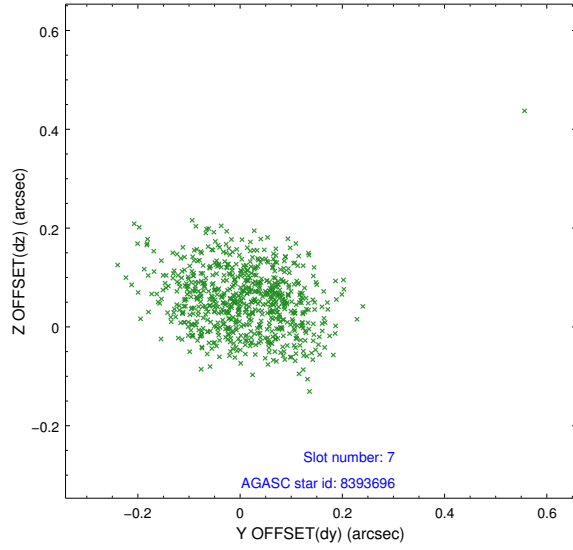
2.4.3 Slot 5



2.4.4 Slot 6

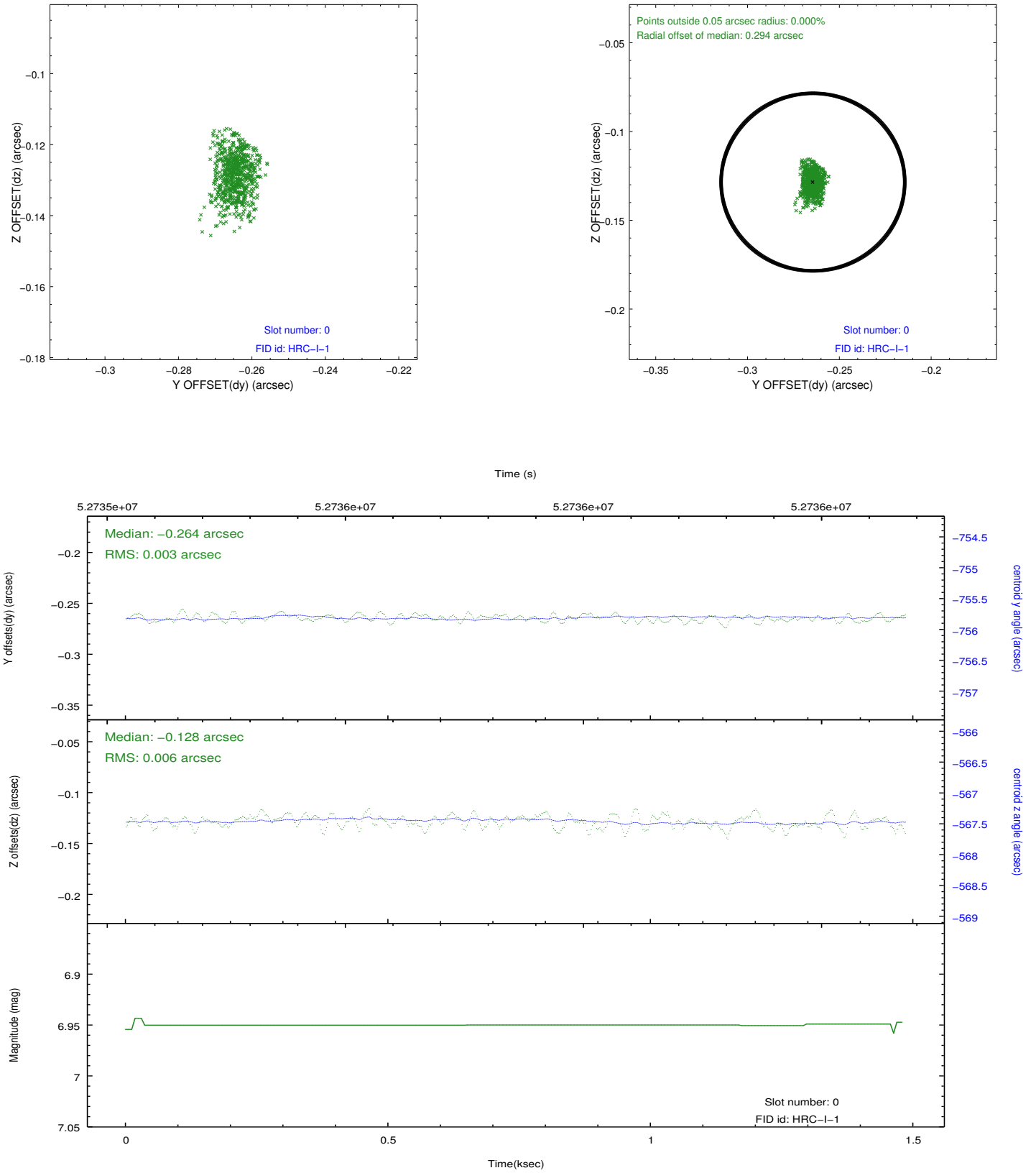


2.4.5 Slot 7

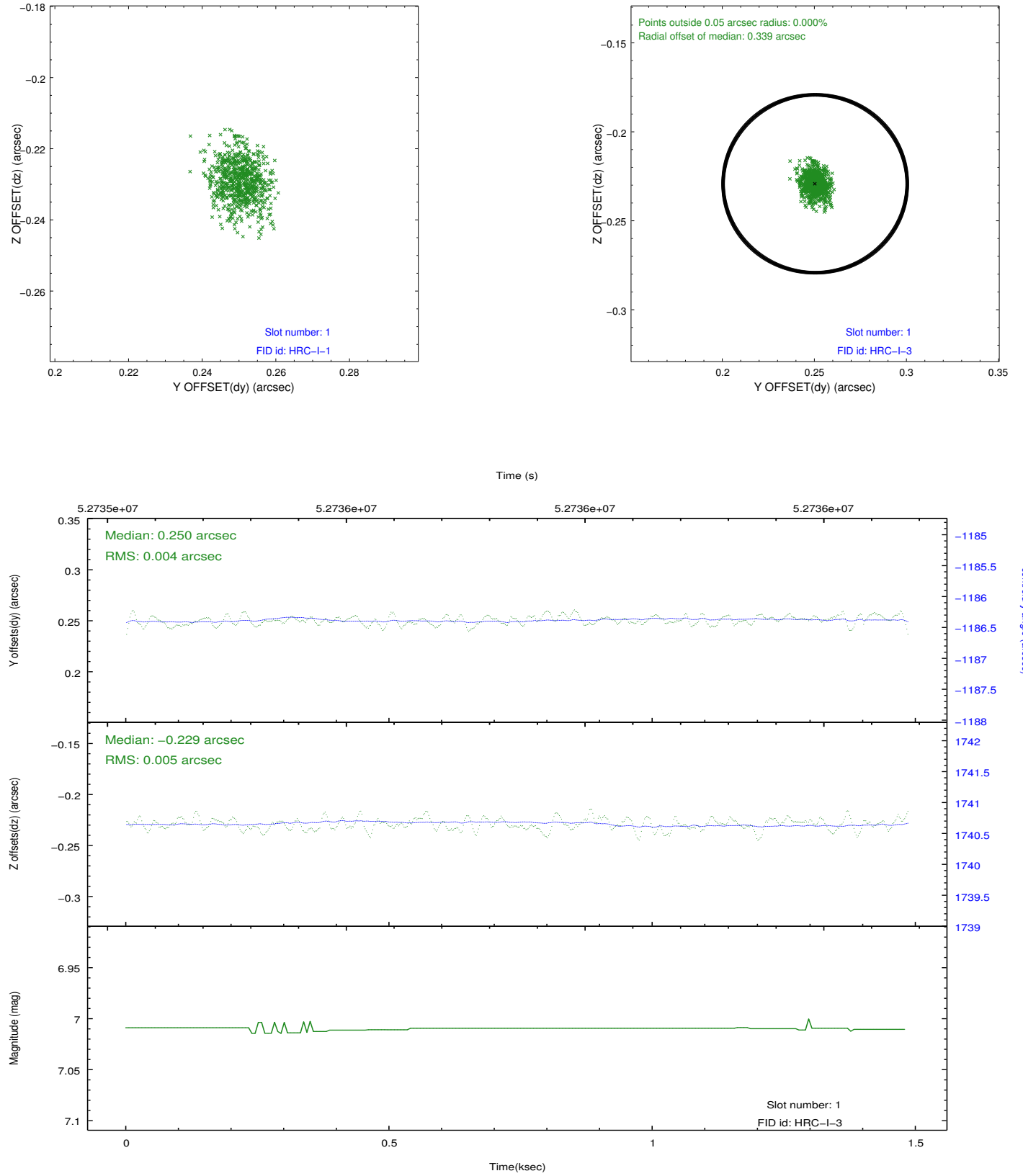


2.5 FID Slots

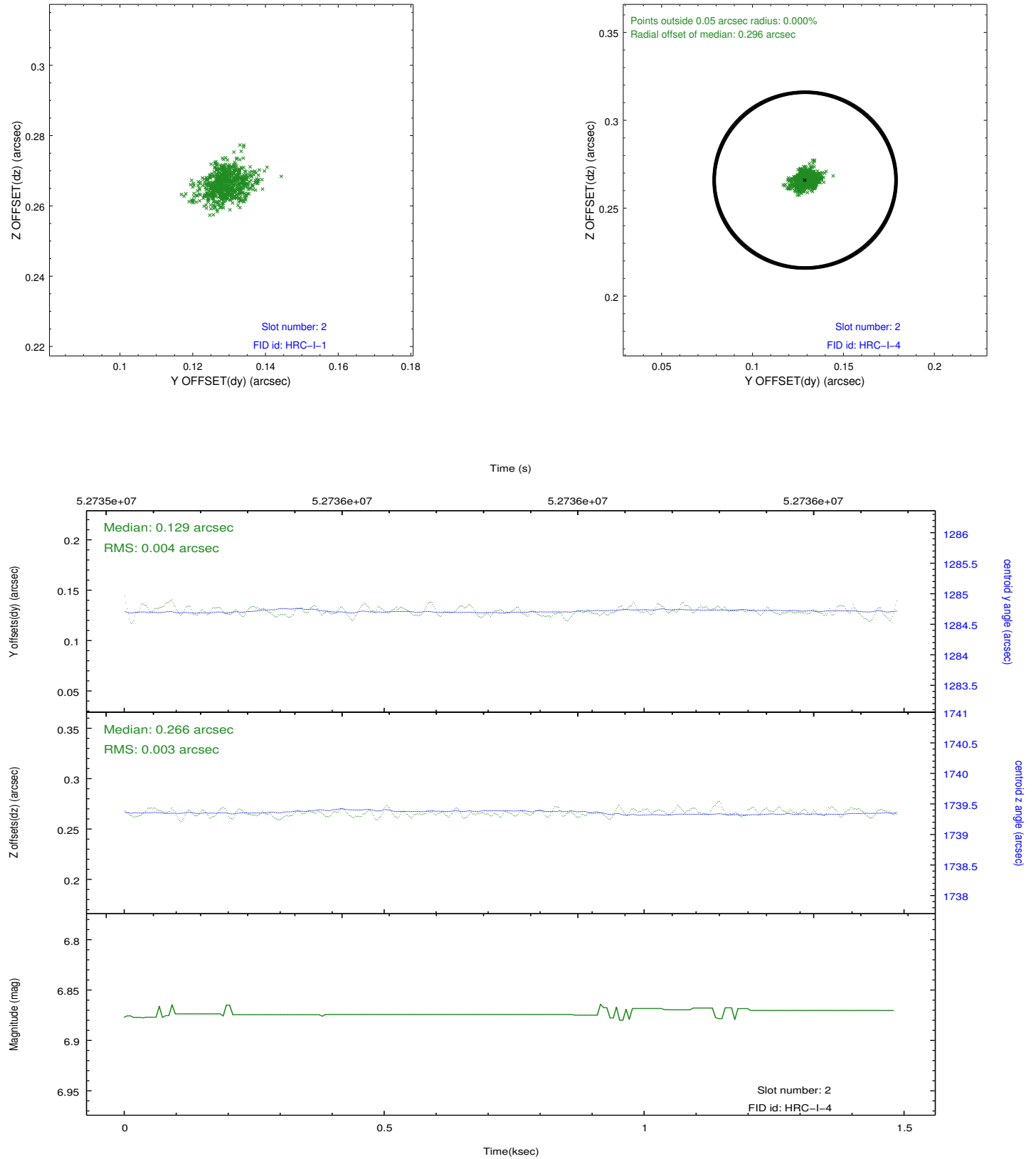
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.796

A.2 Comments

This observation was performed with a large SIM offset, per PI request. As a result, the fid light positions are offset beyond normally expected ranges, but the fid light position correction has compensated for this offset.