

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1140 - L2 Version 4

Chandra X-Ray Center

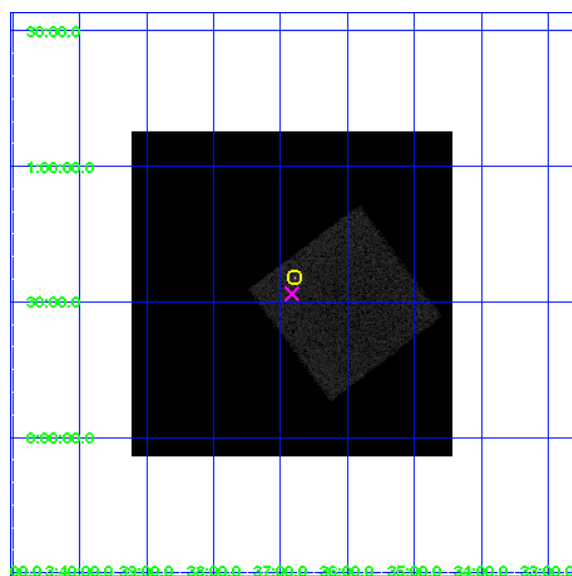
L2 Processing Date : Jan 12 2010

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.5	FID Slots	13
2.5.1	Slot 0	13
2.5.2	Slot 1	14
2.5.3	Slot 2	15
3	Point Sources	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

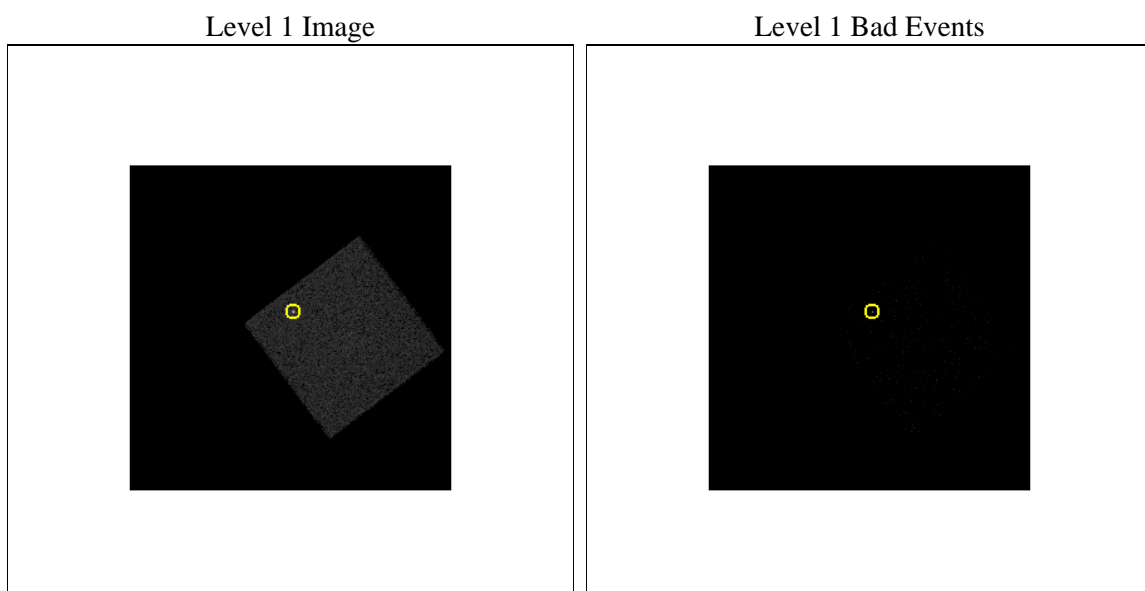
seq_num	280090	Sequence number
obs_id	1140	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.207786416851	Nominal RA
dec_nom	0.52964541128279	Nominal Dec
roll_nom	98.078728001272	Nominal Roll
revision	4	Processing version of data
ontime	795.65627857298	[s]
livetime	788.58328089131	Ontime multiplied by DTCOR
l2events	38416	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	795.65627857298	[s]
caldbver	4.1.5	 	l1events	63360	Number of level 1 events
date	2010-01-13T00:09:43	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

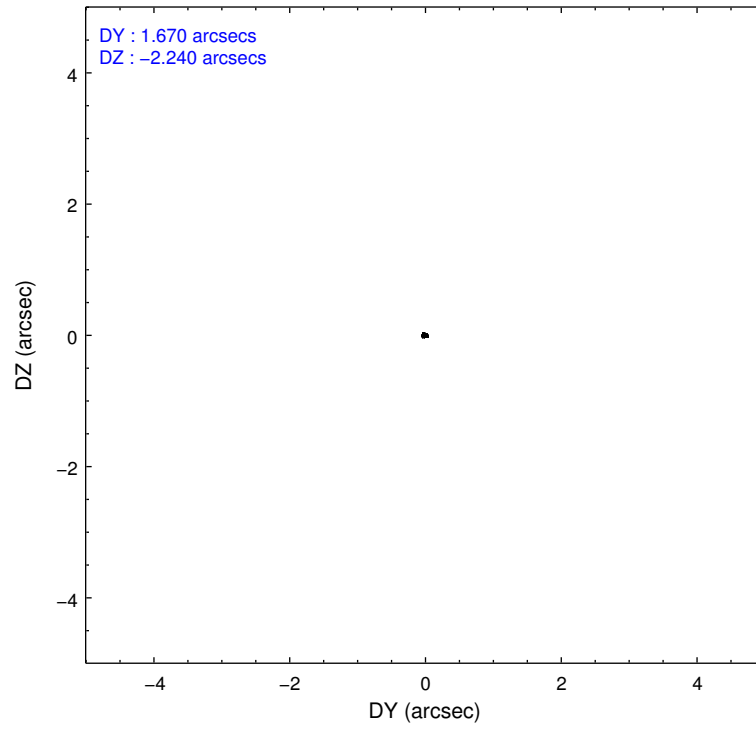
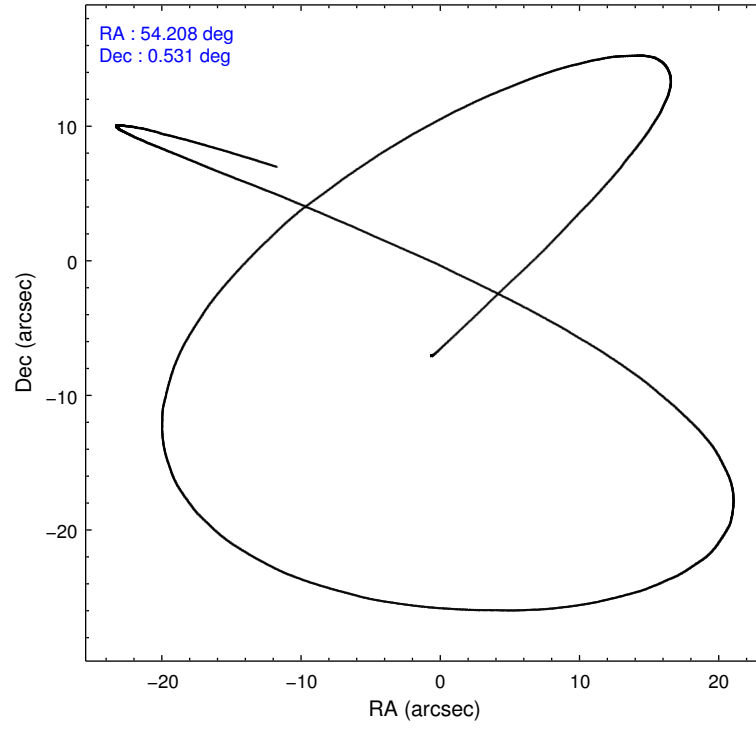
	segment 0
level 1 events	63360
rejected events	4235
rejected %	6%

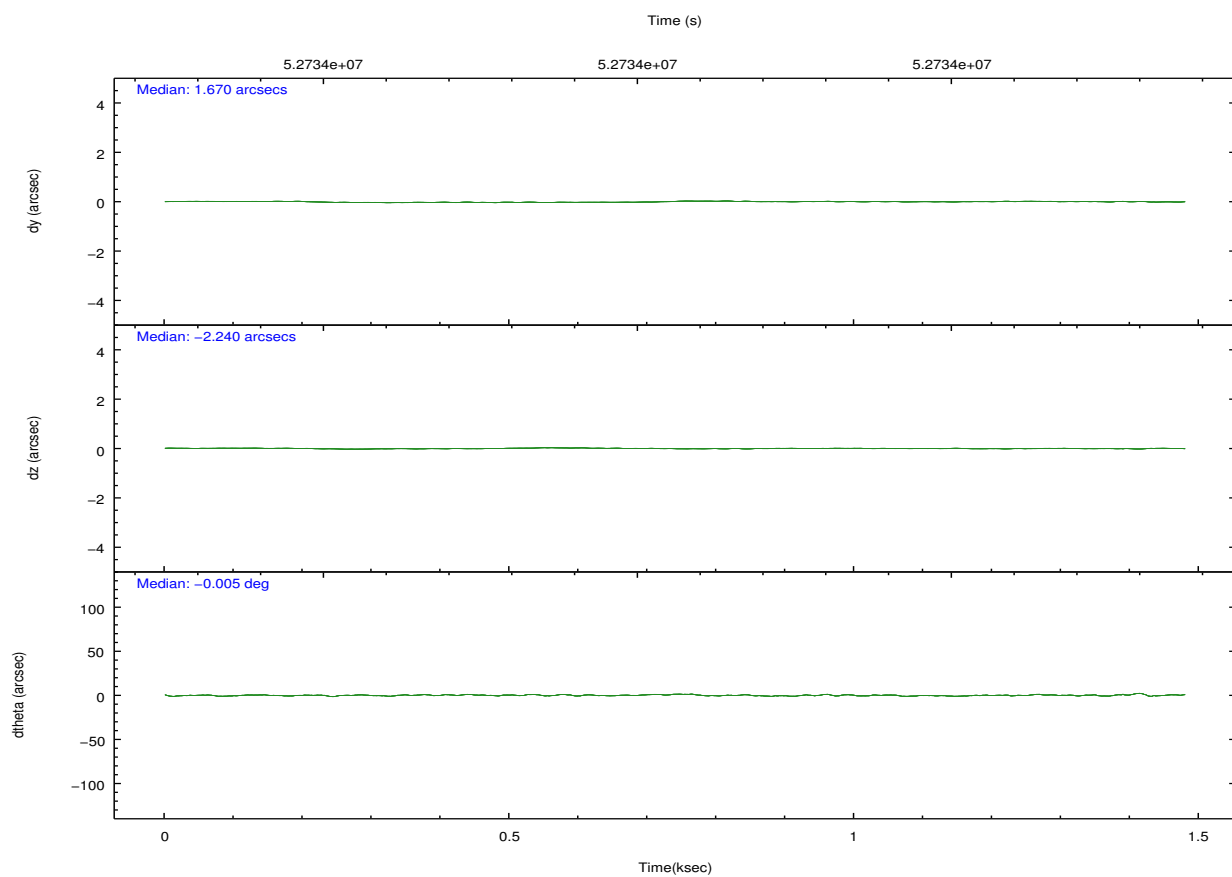
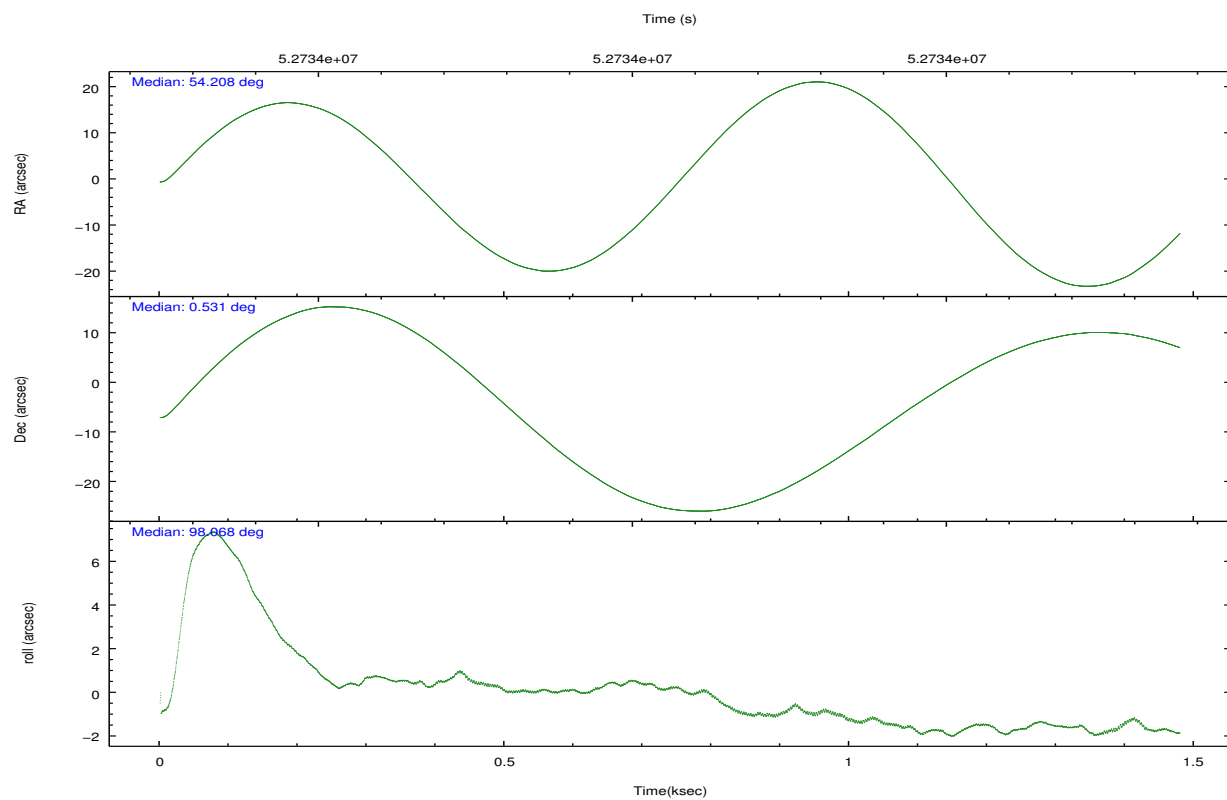
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.224816	54.20778641685067
Pointing Dec	0.507073	0.529645411282791
Pointing Roll	98.174049	98.0787280012716
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	52733802.184000	52733135.669581
Observation start date	1999-09-03T08:15:38	1999-09-03T08:05:35
Observation end time	52734802.184000	52734935.569645
Observation end date	1999-09-03T08:32:18	1999-09-03T08:35:35

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

2.3 Aspect



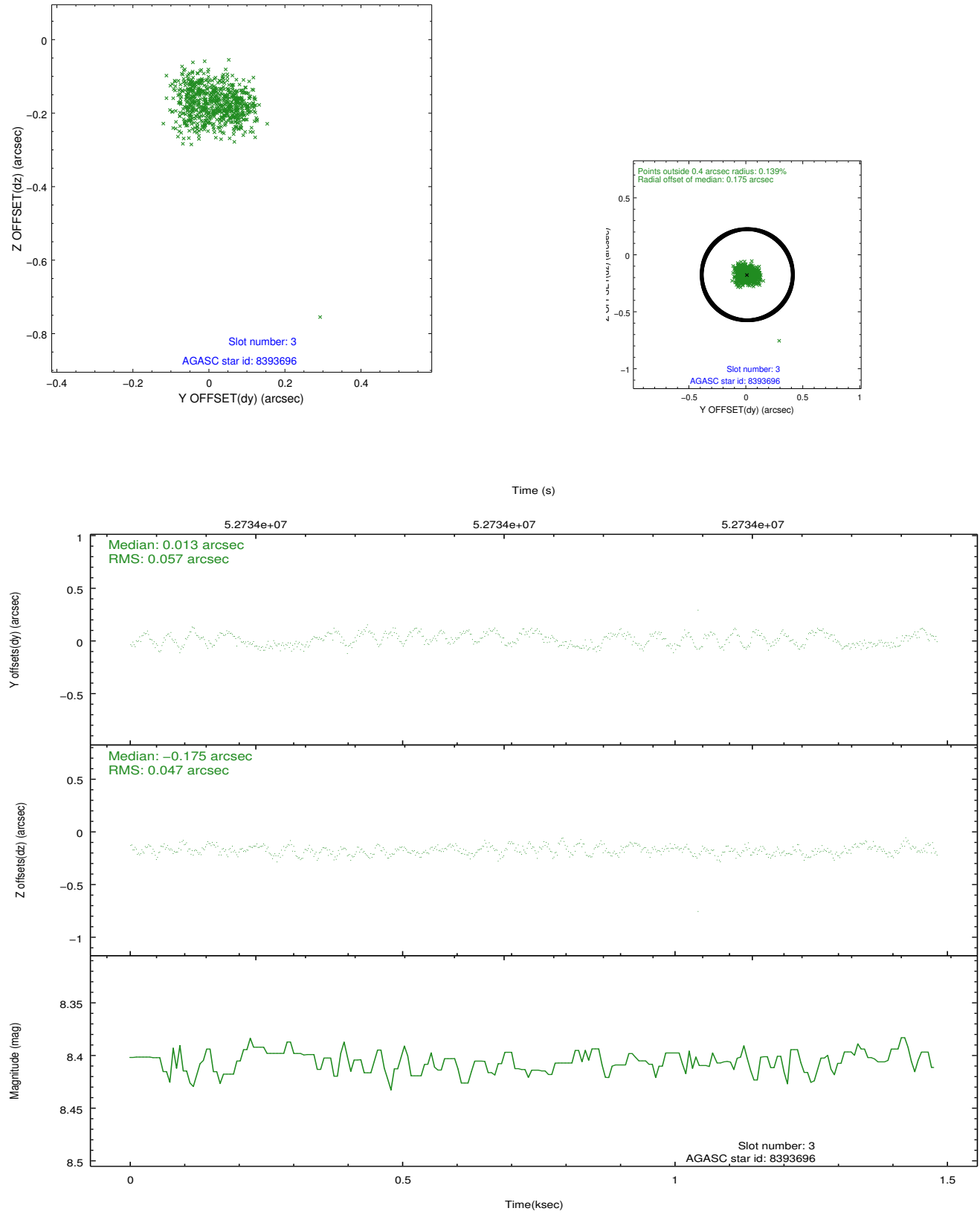


Slot Statistics

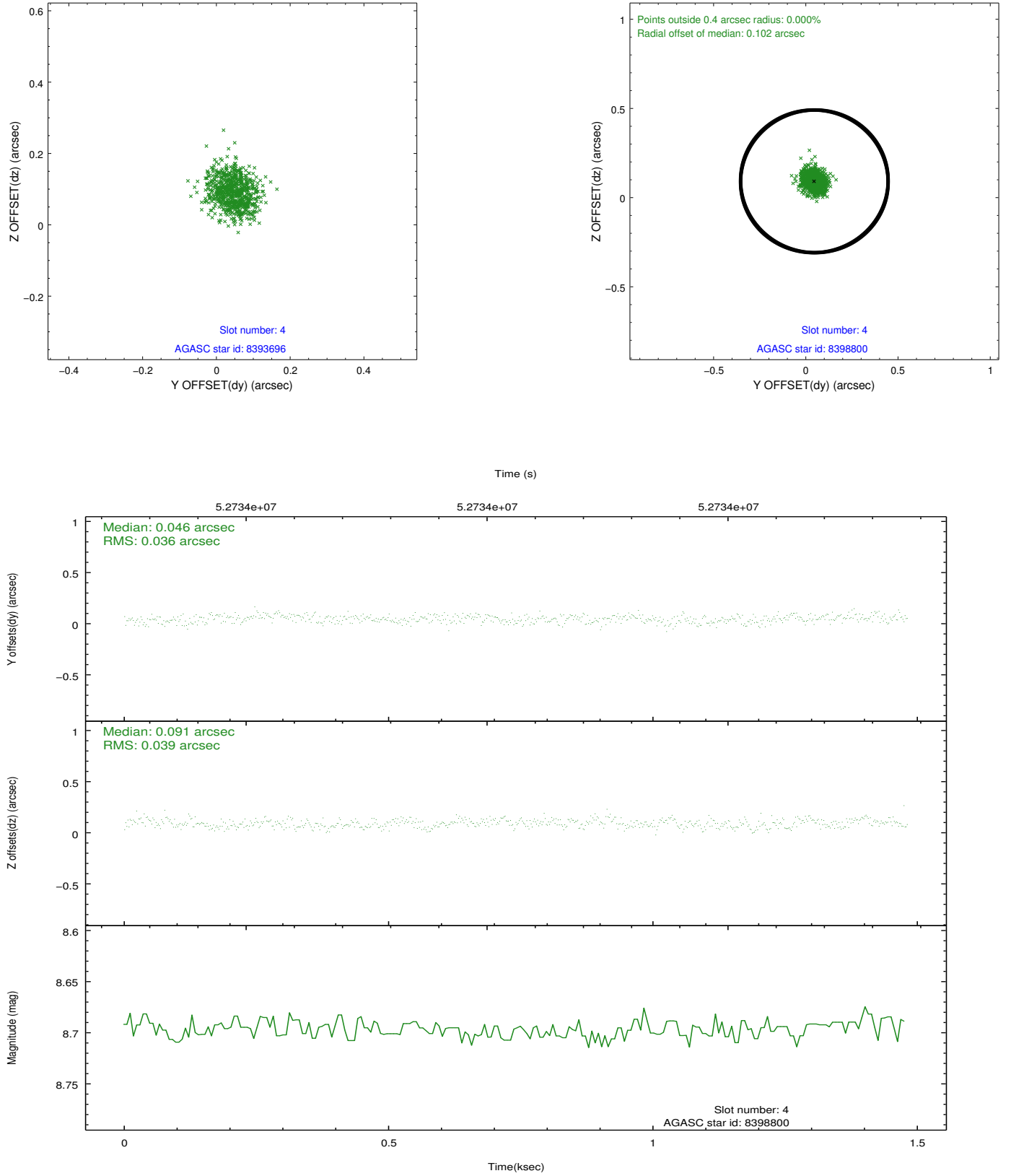
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	723	-0.265	-0.127	0.007	0.015	0.000000	0.000000	-755.82	-567.46
1	FID	HRC-I-3	7.01	723	0.250	-0.230	0.008	0.013	0.000000	0.000000	-1187.43	1739.86
2	FID	HRC-I-4	6.87	723	0.130	0.266	0.005	0.008	0.000000	0.000000	1283.07	1741.76
3	GUIDE	8393696	8.41	722	0.013	-0.175	0.076	0.115	53.645666	0.680479	910.09	1974.45
4	GUIDE	8398800	8.70	723	0.046	0.091	0.056	0.090	54.242352	0.922024	1467.01	-272.17
5	GUIDE	8390744	9.03	723	-0.059	-0.128	0.083	0.132	53.677290	0.926294	1771.84	1735.73
6	GUIDE	8395104	8.66	722	-0.003	0.208	0.072	0.123	54.744893	0.796520	764.21	-1998.86
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

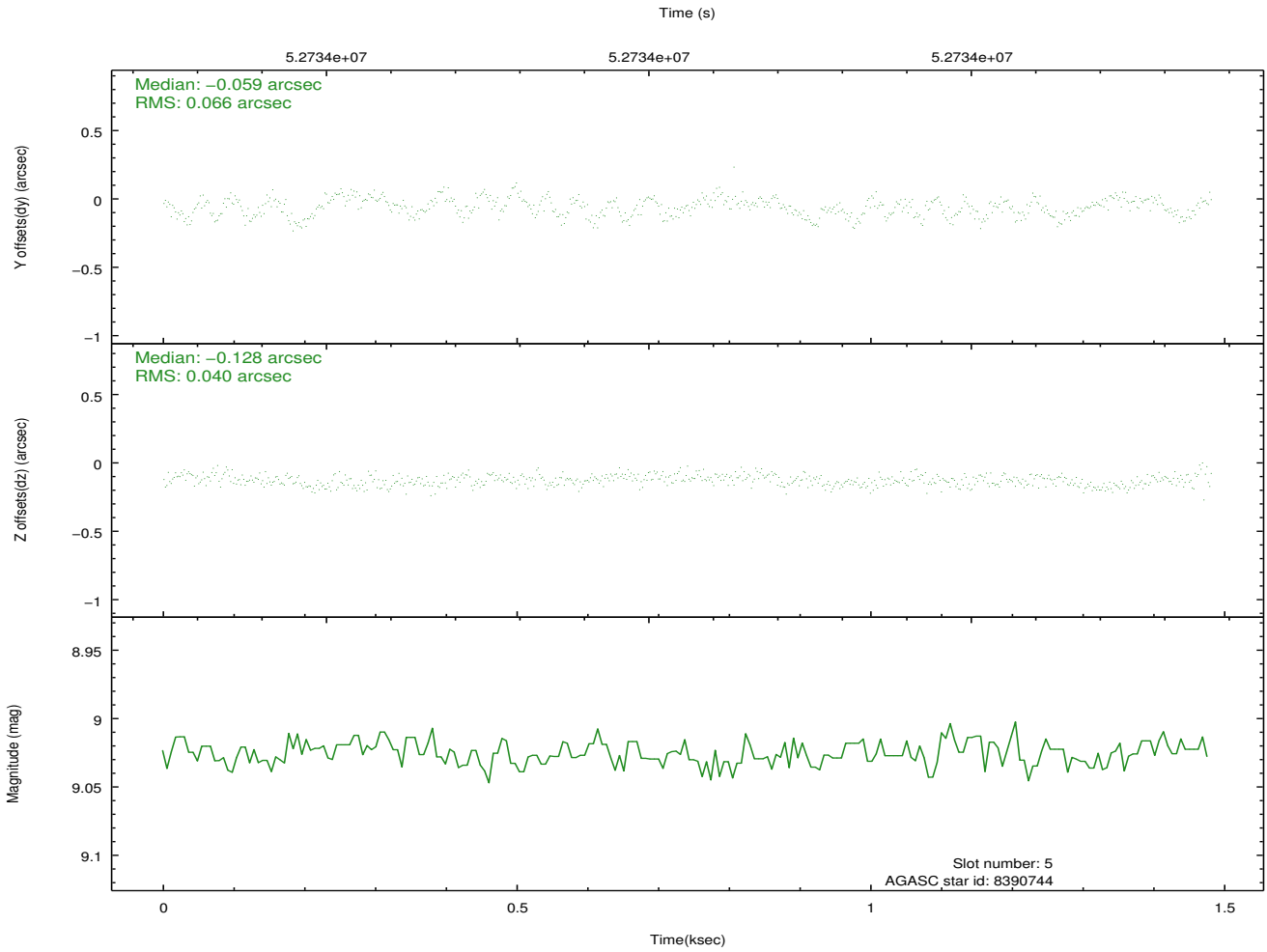
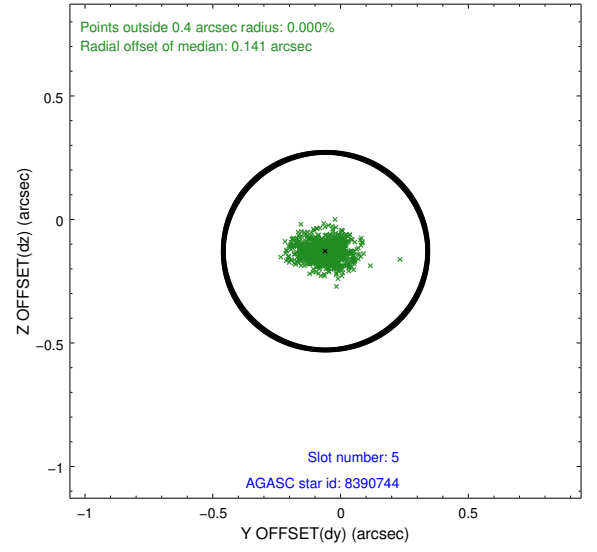
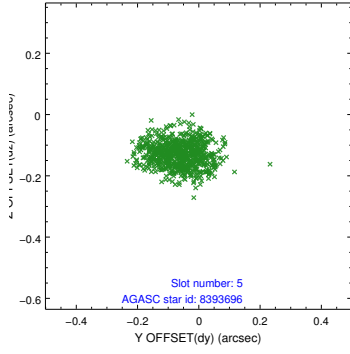
2.4.1 Slot 3



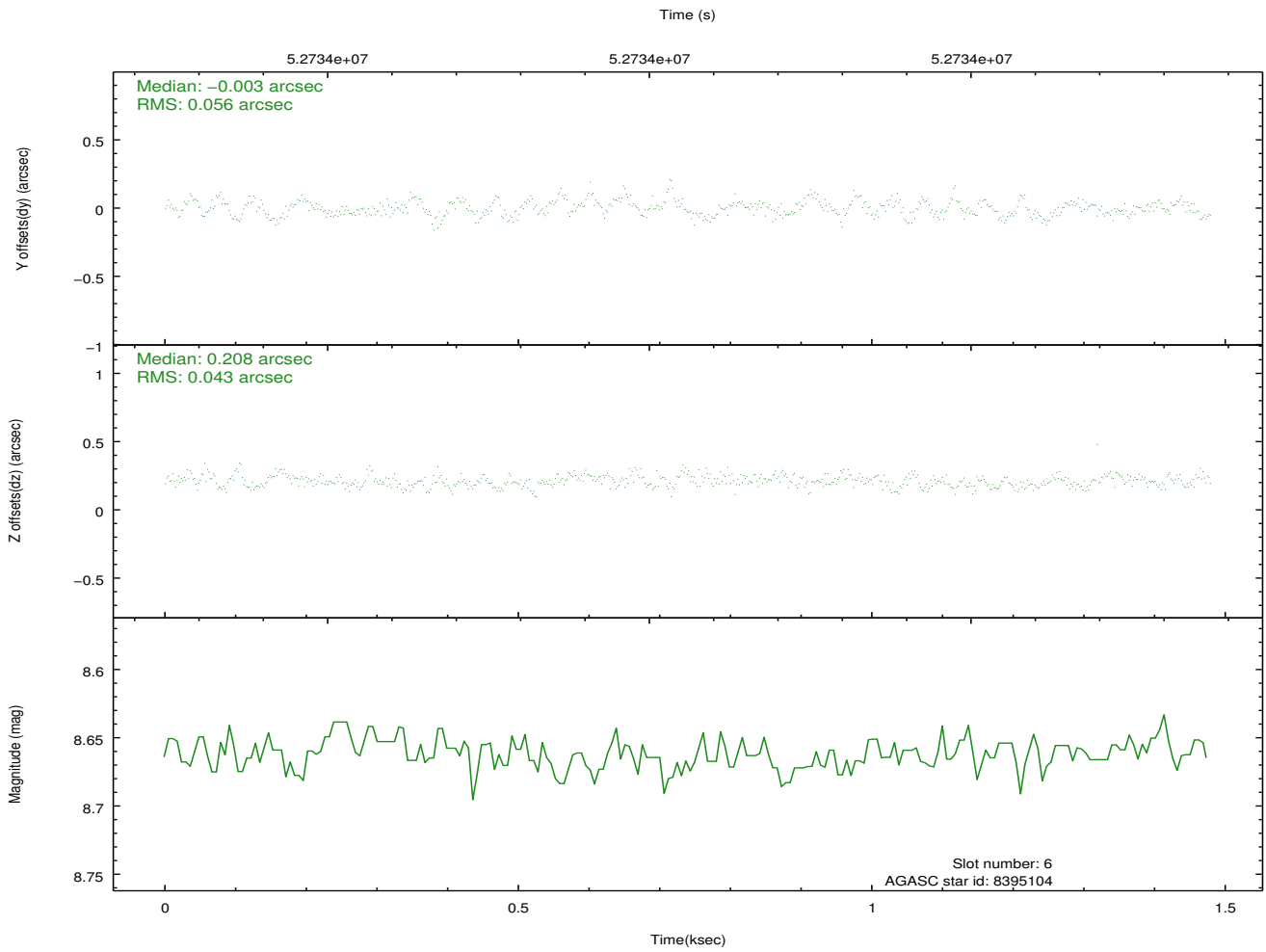
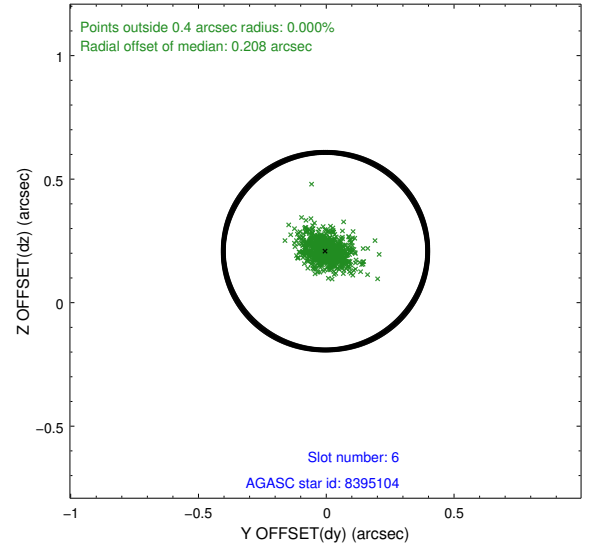
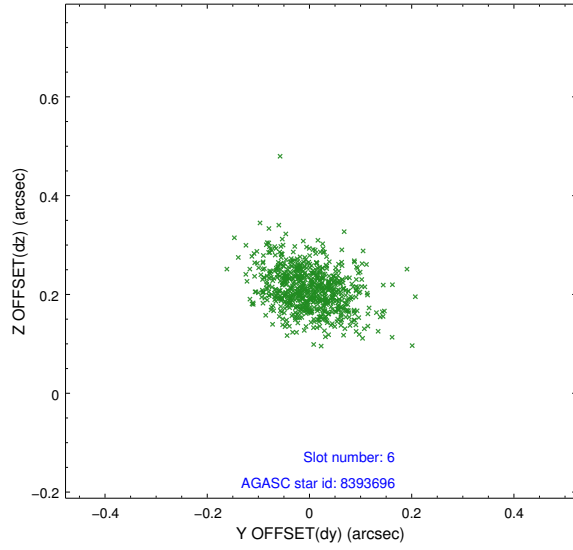
2.4.2 Slot 4



2.4.3 Slot 5

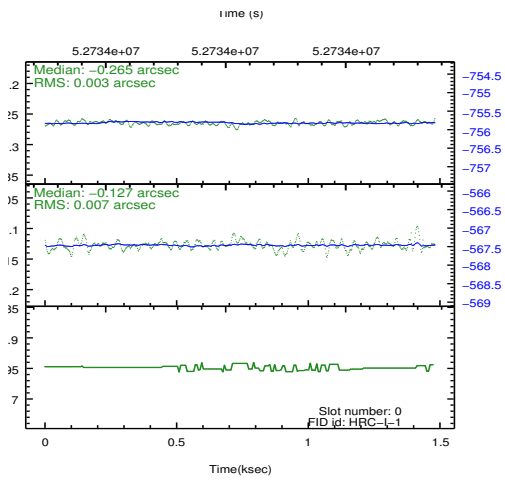
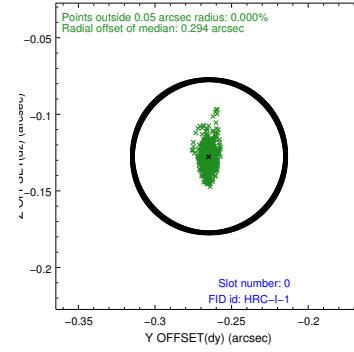
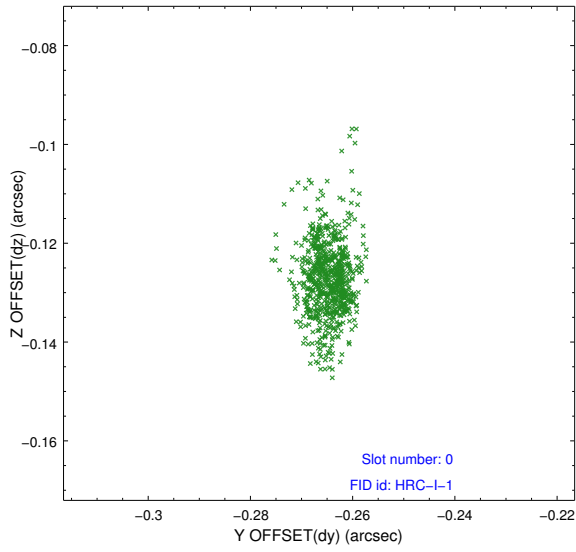


2.4.4 Slot 6

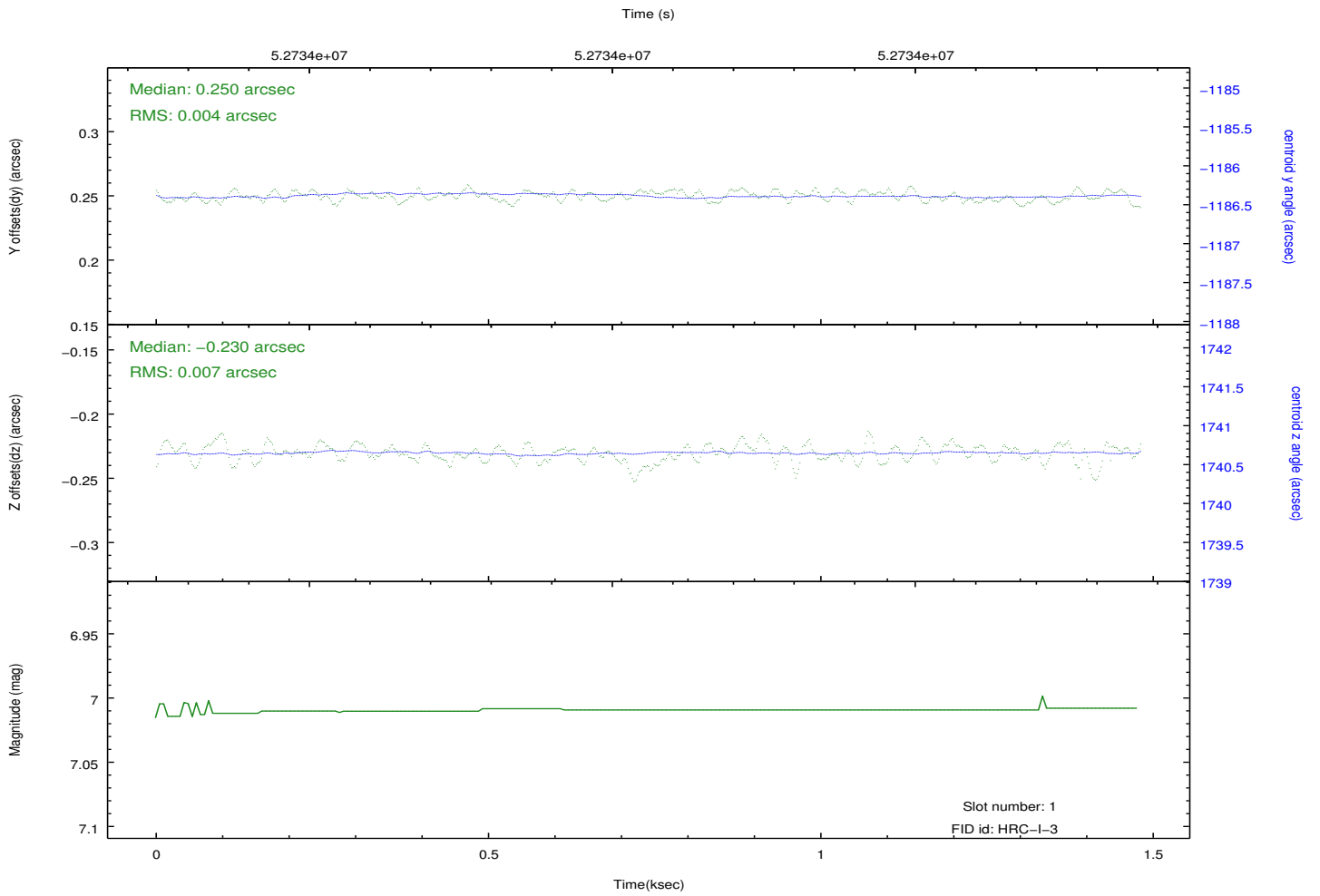
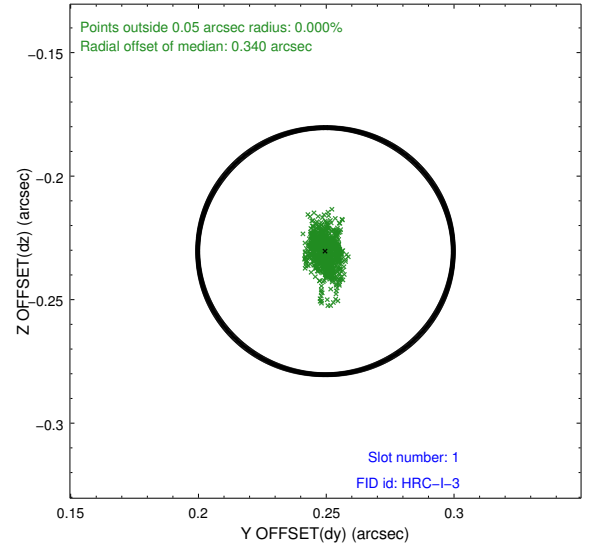
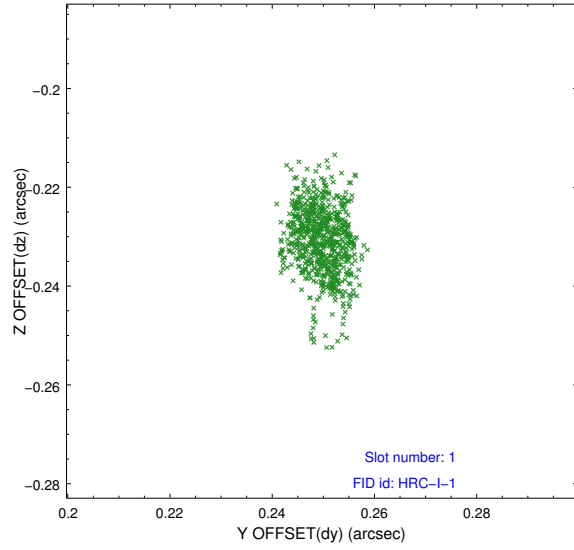


2.5 FID Slots

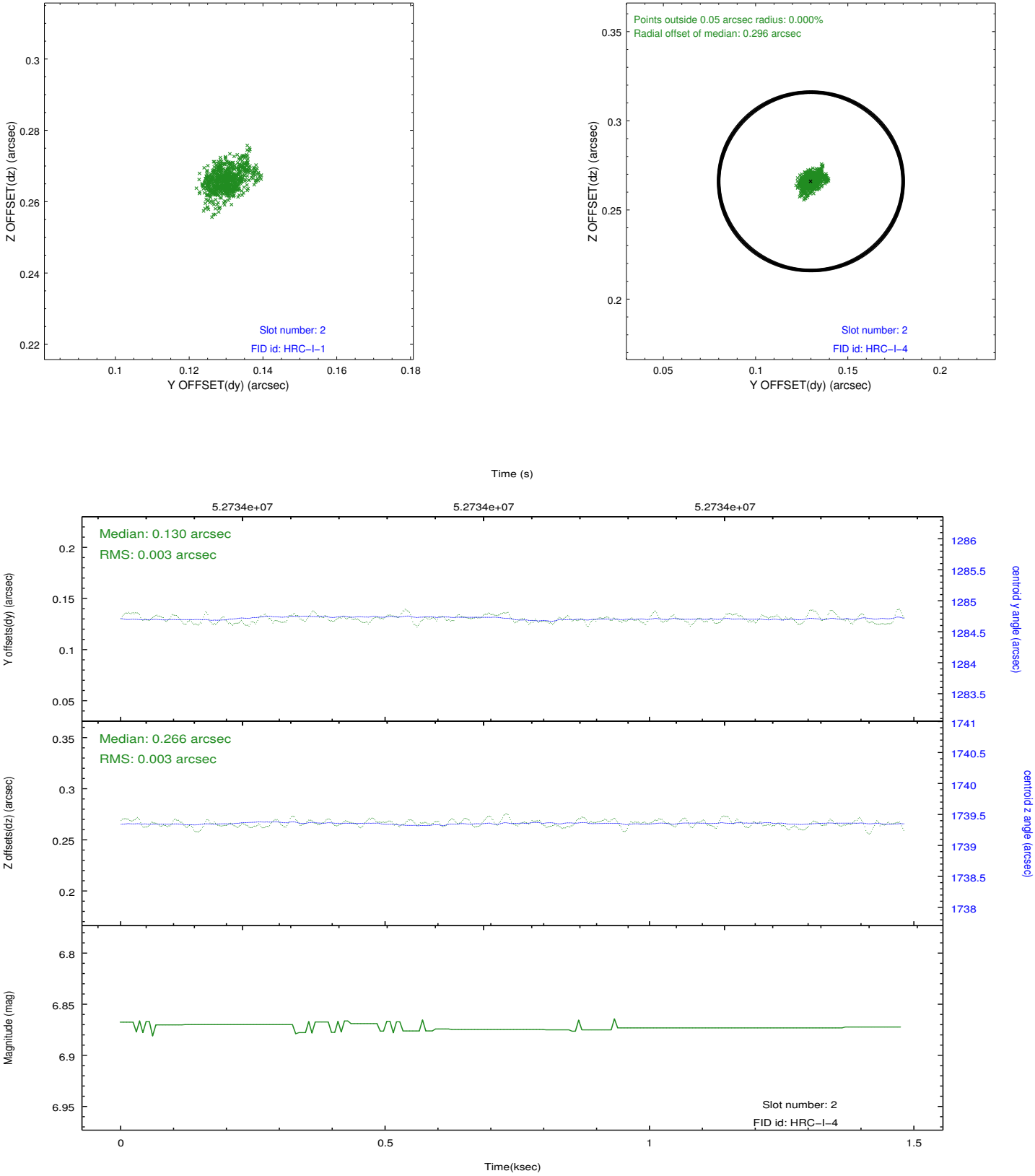
2.5.1 Slot 0



2.5.2 Slot 1

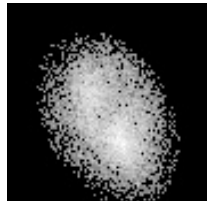


2.5.3 Slot 2



3 Point Sources

3.56 arcmin



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	0.795

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.

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Slot 7 was not utilized in this observation.