

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5971 - L2 Version 002
Chandra X-Ray Center

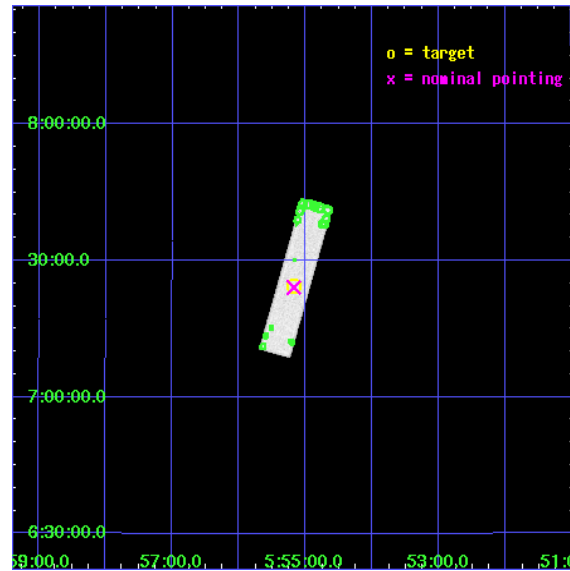
L2 Processing Date: Feb 21 2006

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
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

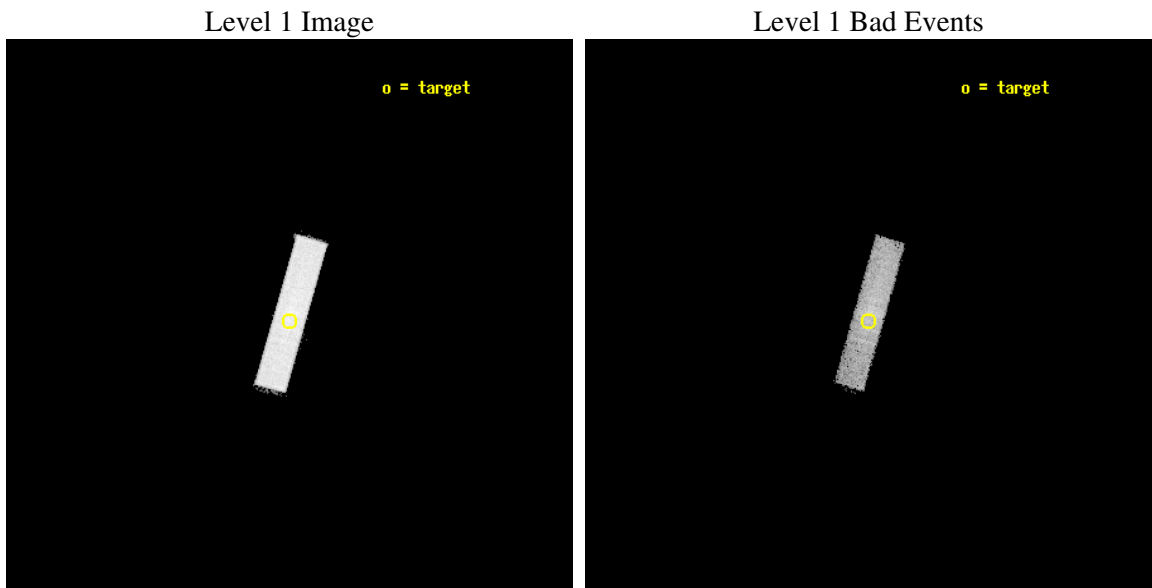
seq_num	290463
obs_id	5971
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.
observer	Dr. CXC Calibration
object	Betelgeuse
ra_targ	88.792917
dec_targ	7.407056
ra_nom	88.793894372699
dec_nom	7.4025138557065
roll_nom	285.9012543717
revision	2
ontime	2152.7563473284
livetime	2140.4156563908
l2events	76094



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-21T21:41:40
revision	2

sched_exp_time	2000.000000
ontime	2182.4813486636
l1events	110554

2.1.3 Events

Level 1 Events

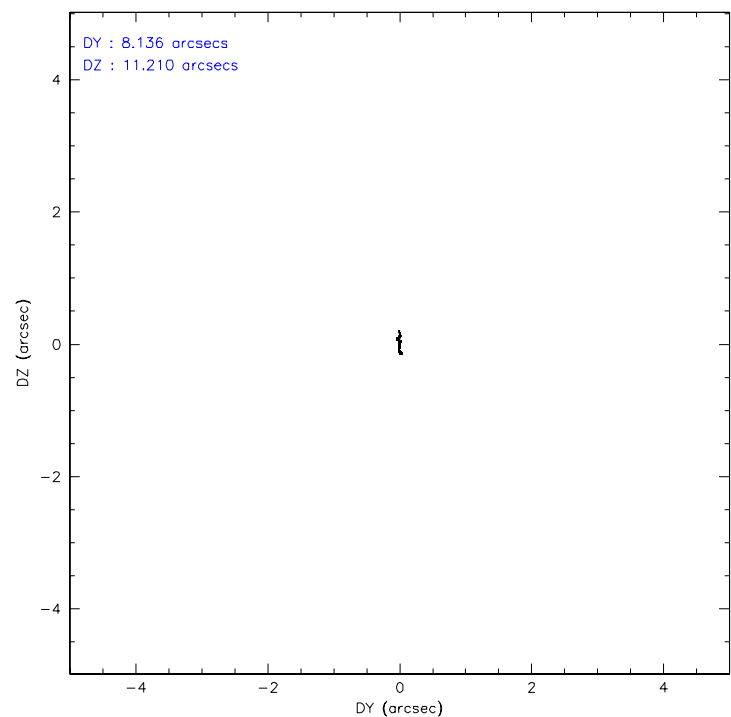
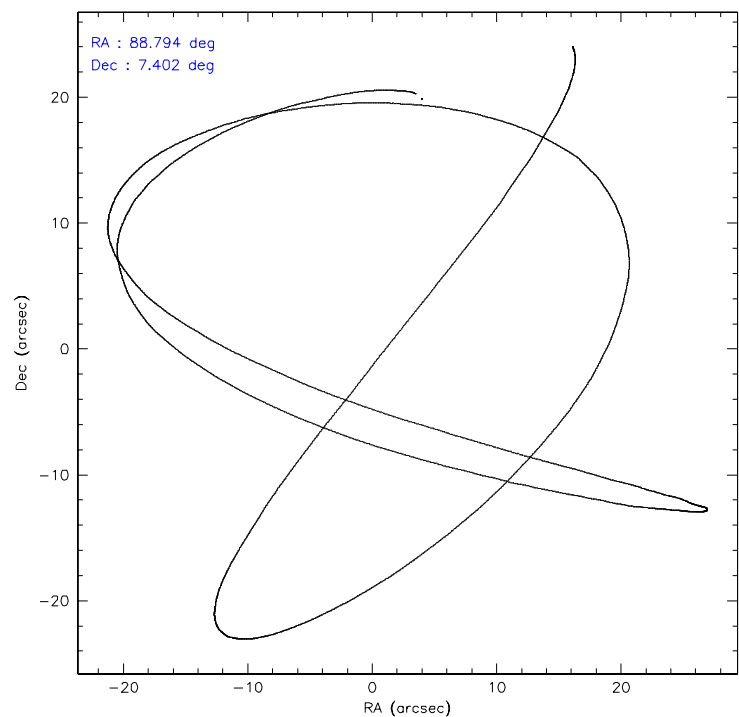
	segment 1	segment 2	segment 3
level 1 events	0	110554	0
rejected events	0	28064	0
rejected %	0%	25%	0%

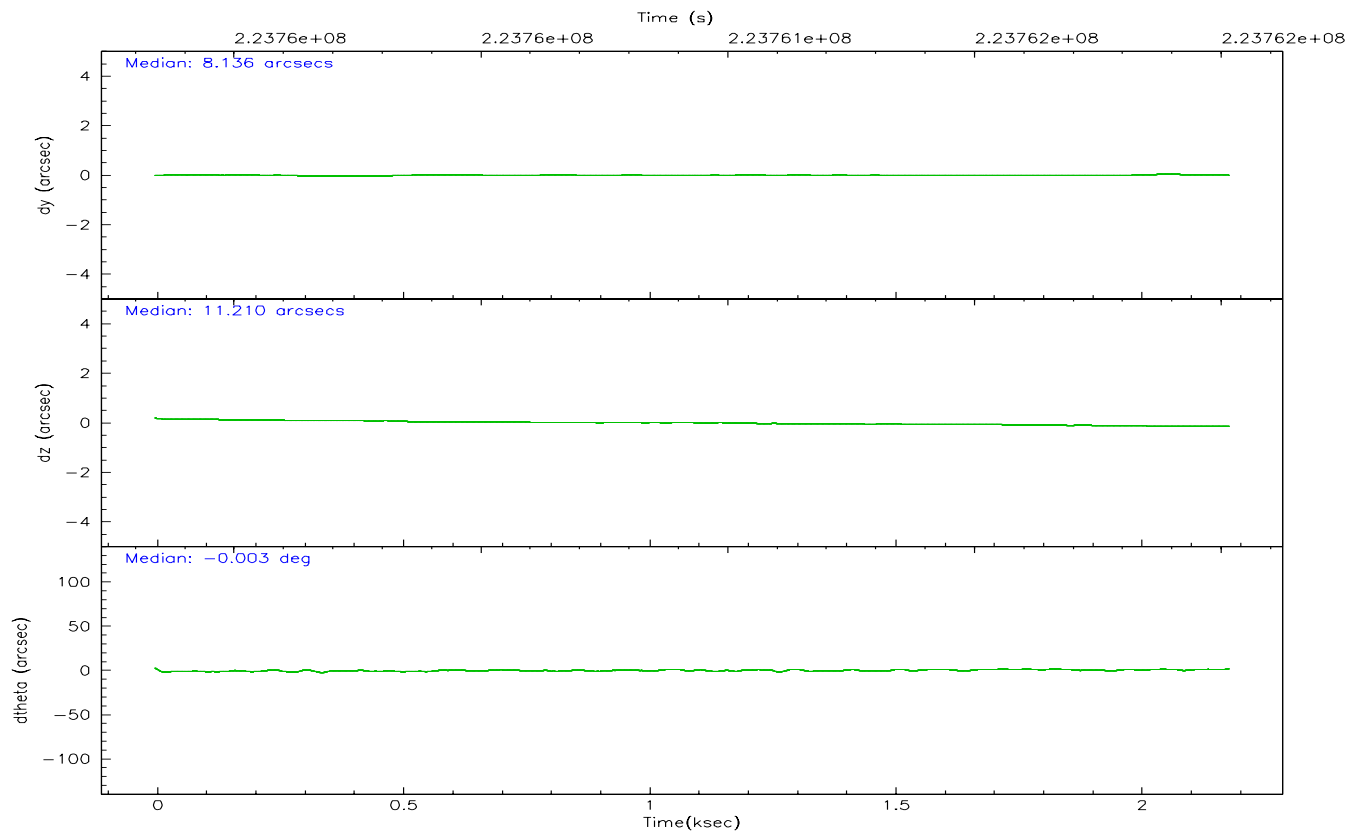
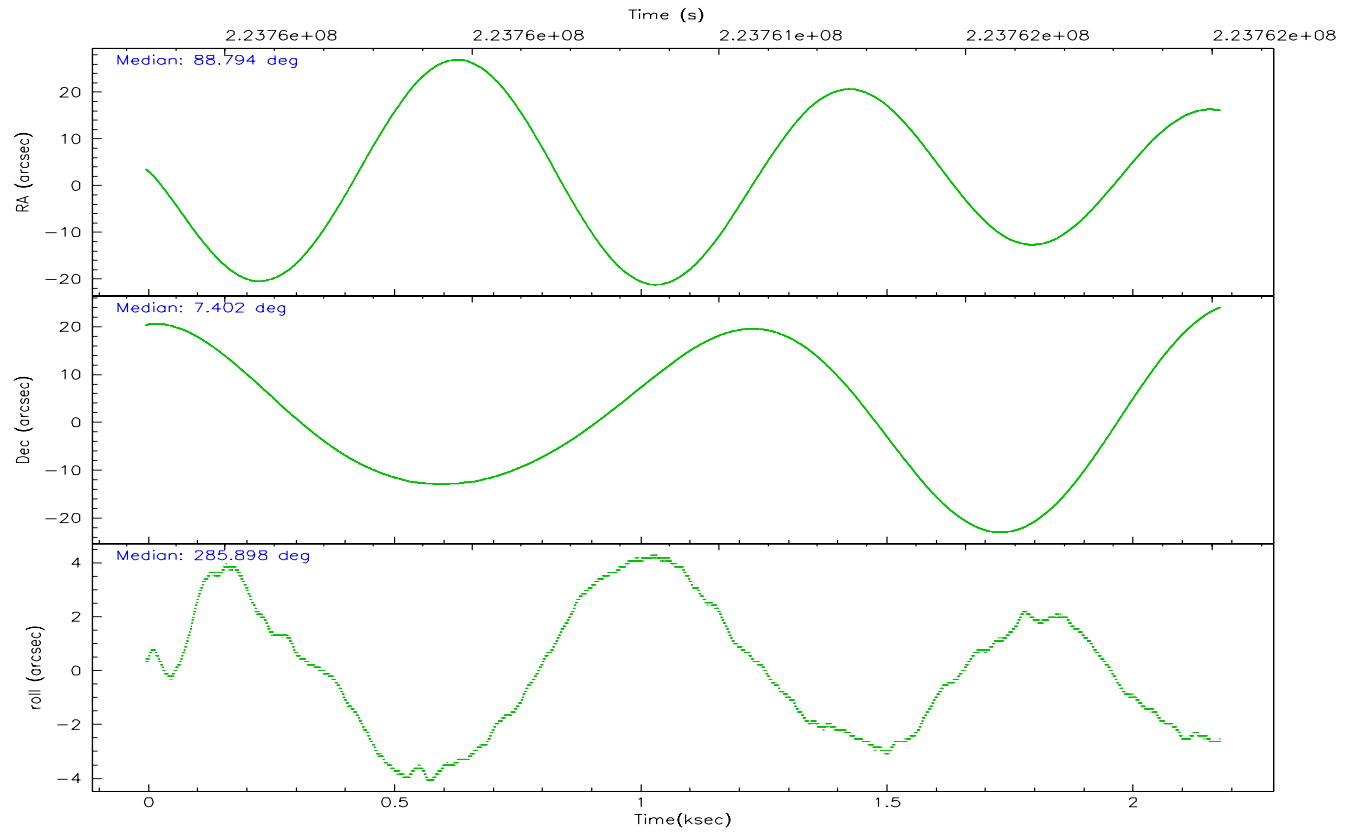
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	88.772398	88.79389437269926
Pointing Dec	7.421380	7.402513855706506
Pointing Roll	285.836674	285.9012543717008
Window start time	223603264.184000	223603264.184000
Window stop time	228614464.184000	228614464.184000
SIM focus pos (mm)	-1.429586	-1.428180813131781
SIM defocus (mm)	0.1037507710433287	0.1051558262725154
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	223760017.184000	223759641.18992
Observation start date	2005-02-02T19:32:33	2005-02-02T19:27:21
Observation end time	223762017.184000	223762150.90254
Observation end date	2005-02-02T20:05:53	2005-02-02T20:09:10

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

2.3 Aspect



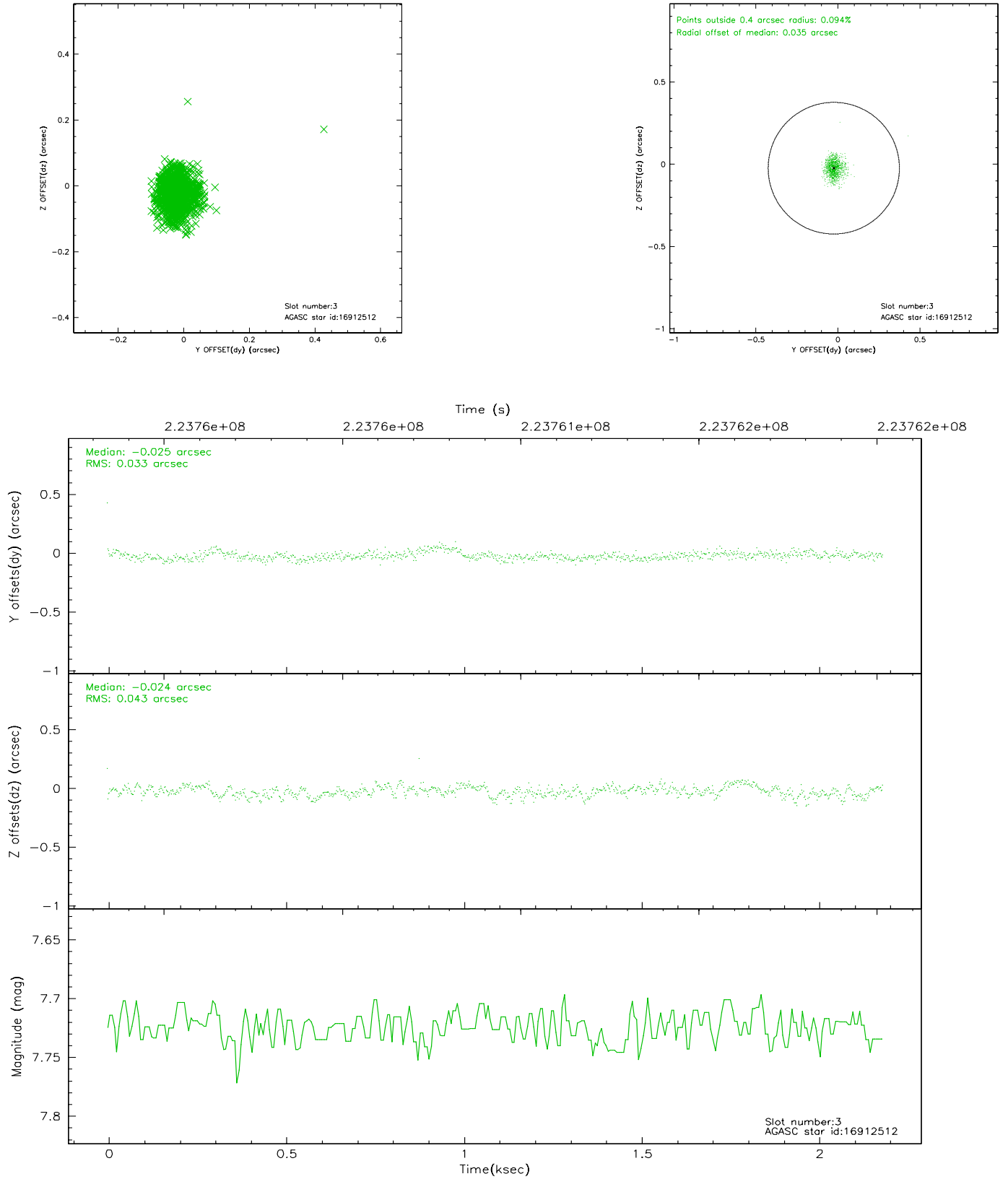


Slot Statistics

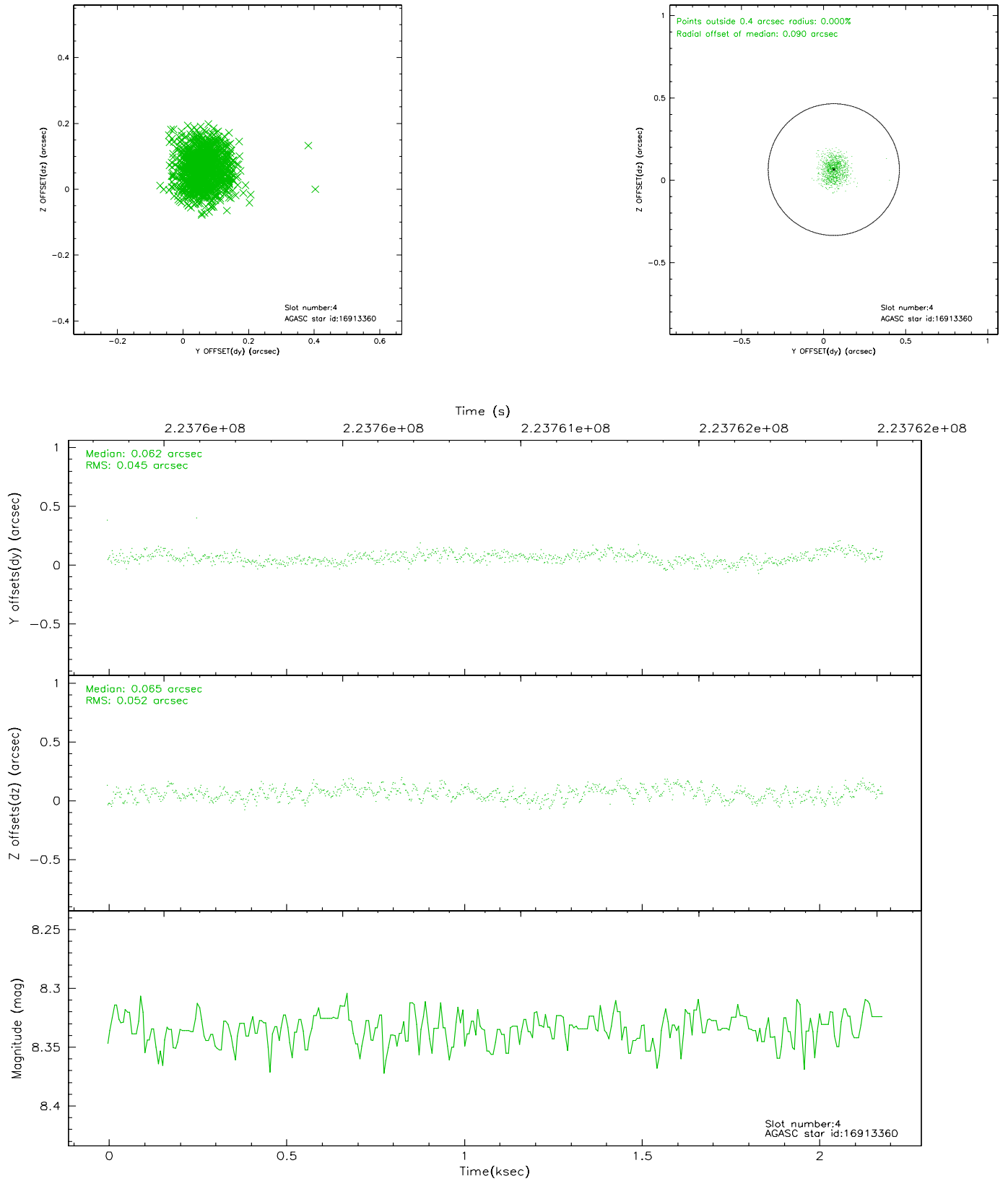
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.01	533	0.121	-0.181	0.008	0.015	0.000000	0.000000	1237.36	-452.59
1	FID	HRC-S-3	7.02	533	0.073	-0.105	0.006	0.011	0.000000	0.000000	-1162.76	568.81
2	FID	HRC-S-4	6.98	533	0.211	-0.010	0.008	0.014	0.000000	0.000000	1233.85	573.38
3	GUIDE	16912512	7.72	1066	-0.025	-0.024	0.055	0.090	88.651510	7.129862	892.15	-700.95
4	GUIDE	16913360	8.33	1064	0.062	0.065	0.074	0.115	89.178373	7.247125	999.80	1224.09
5	GUIDE	16918912	8.66	1065	0.158	0.172	0.071	0.121	89.257075	6.922287	2201.80	1178.65
6	GUIDE	93727304	8.27	1066	-0.180	-0.113	0.067	0.111	88.040179	7.731431	-1786.40	-2205.98
7	GUIDE	93856056	7.98	1065	-0.015	-0.098	0.065	0.107	88.147460	7.547925	-1049.66	-2022.24

2.4 Star Slots

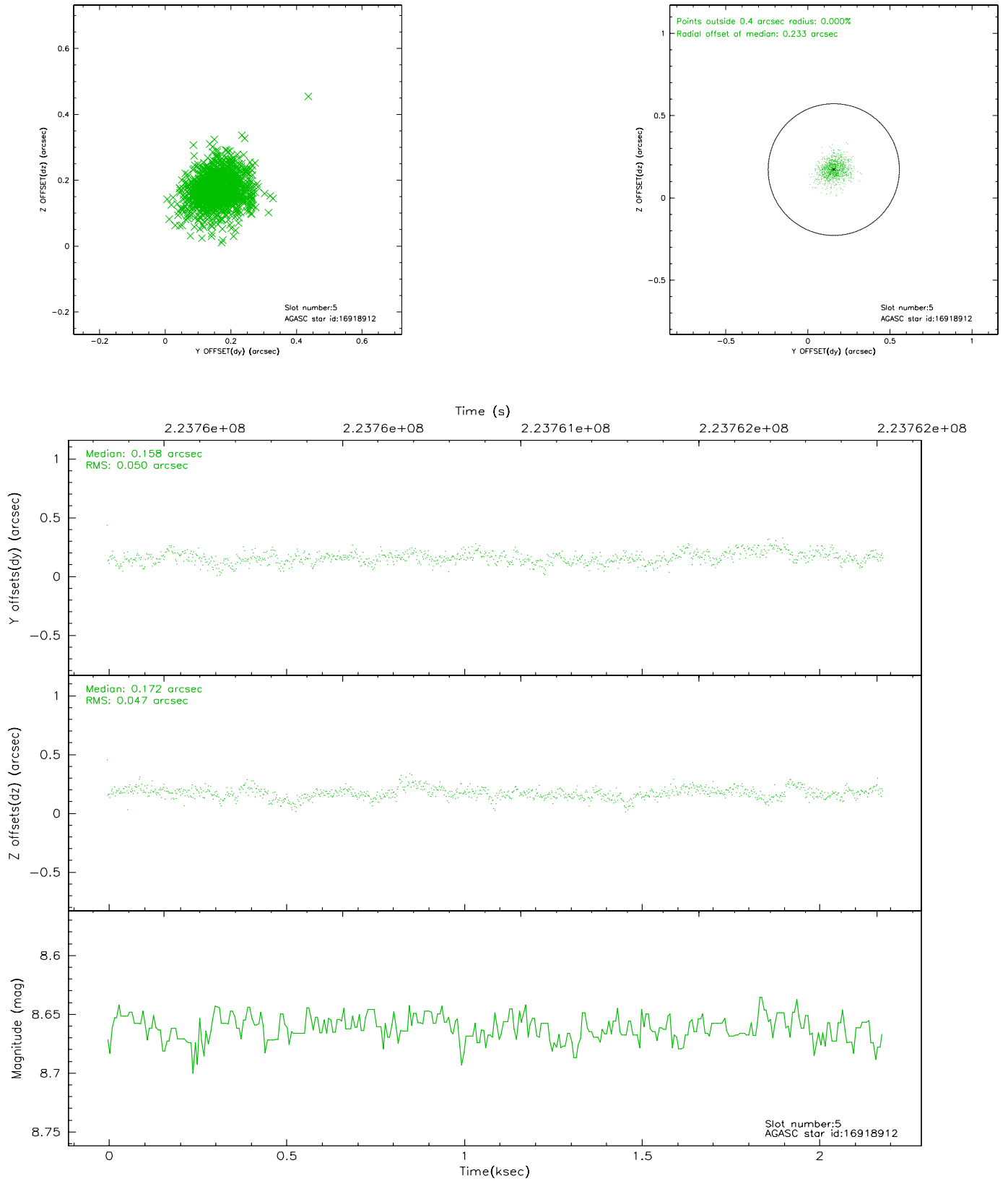
2.4.1 Slot 3



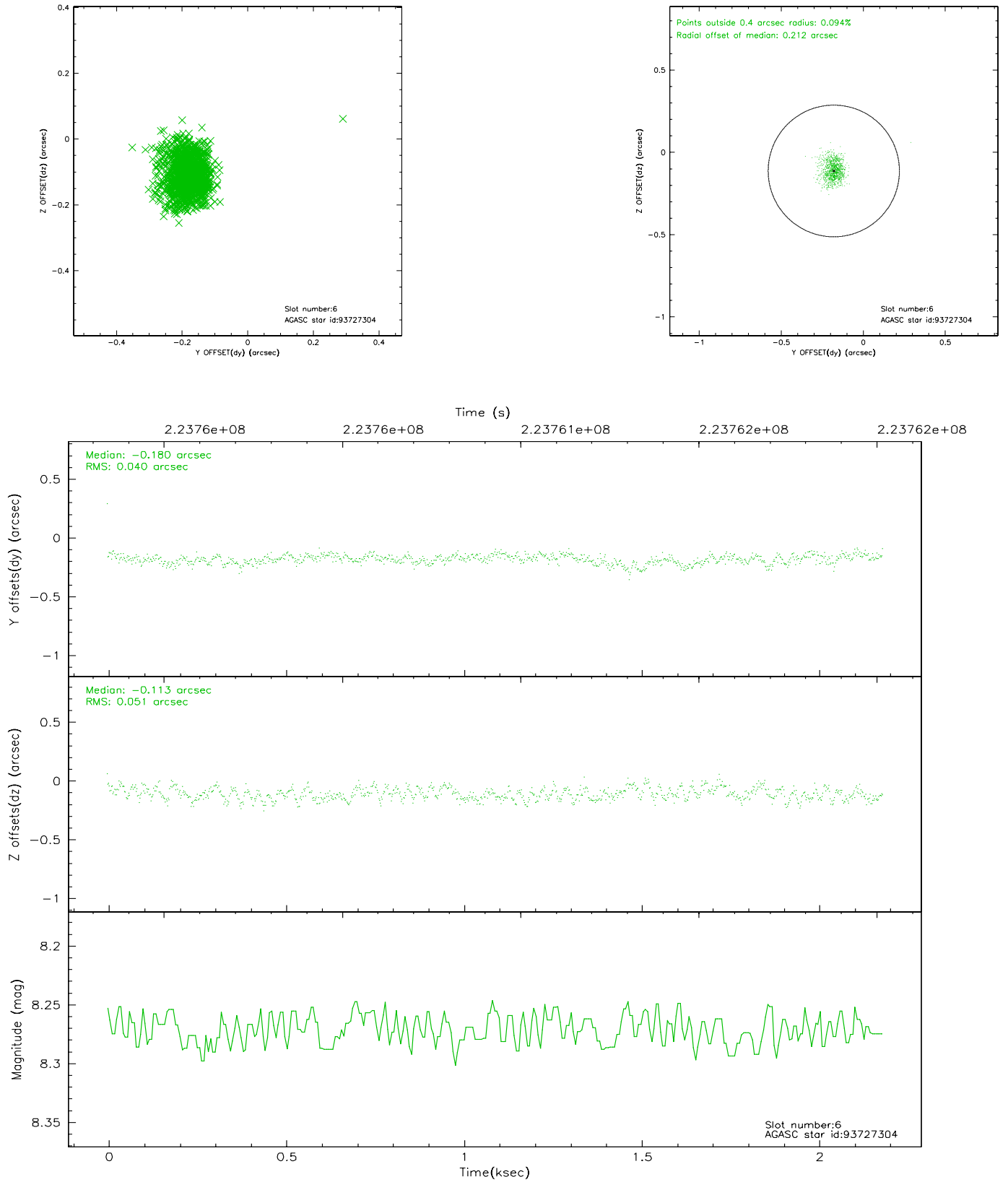
2.4.2 Slot 4



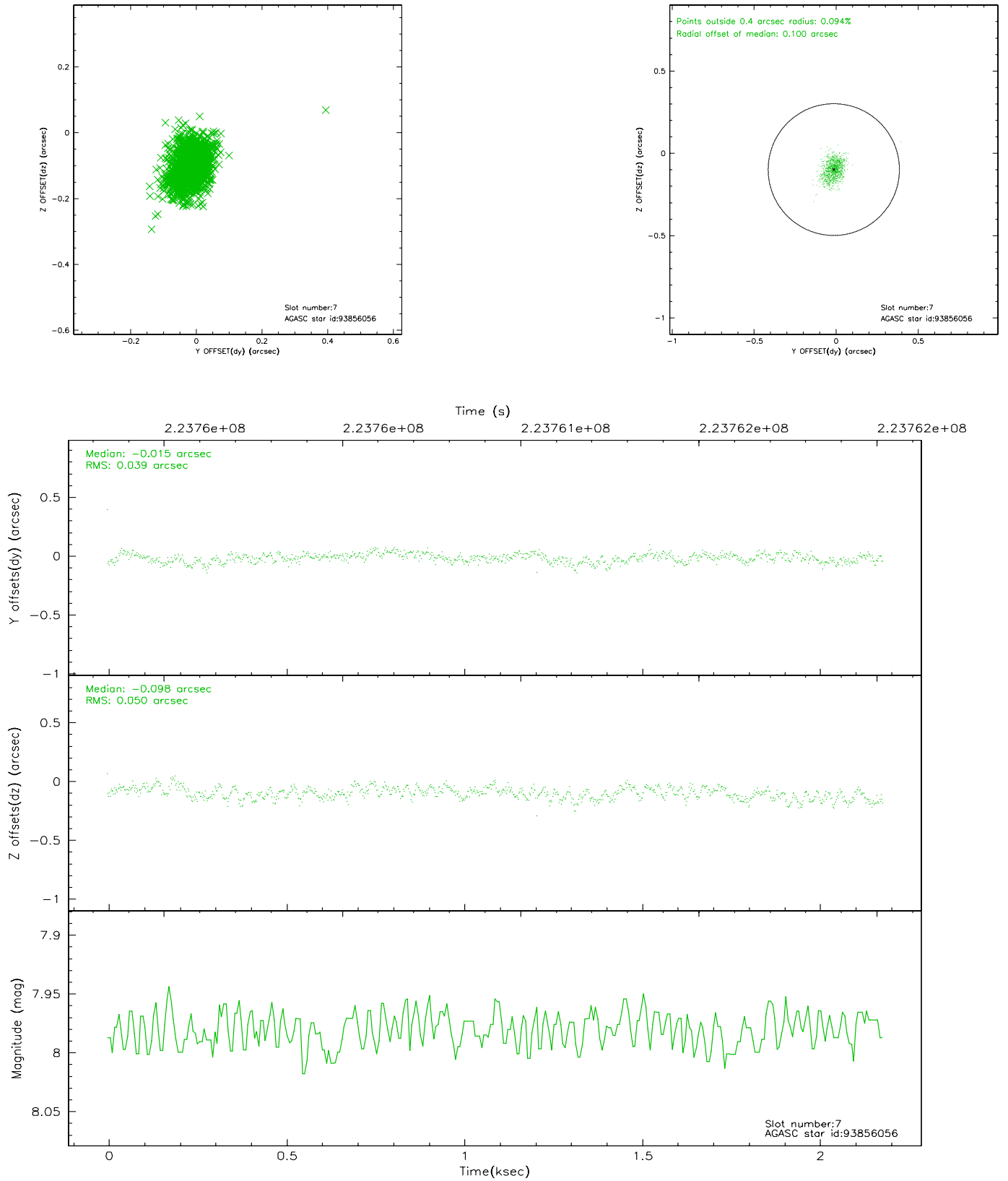
2.4.3 Slot 5



2.4.4 Slot 6

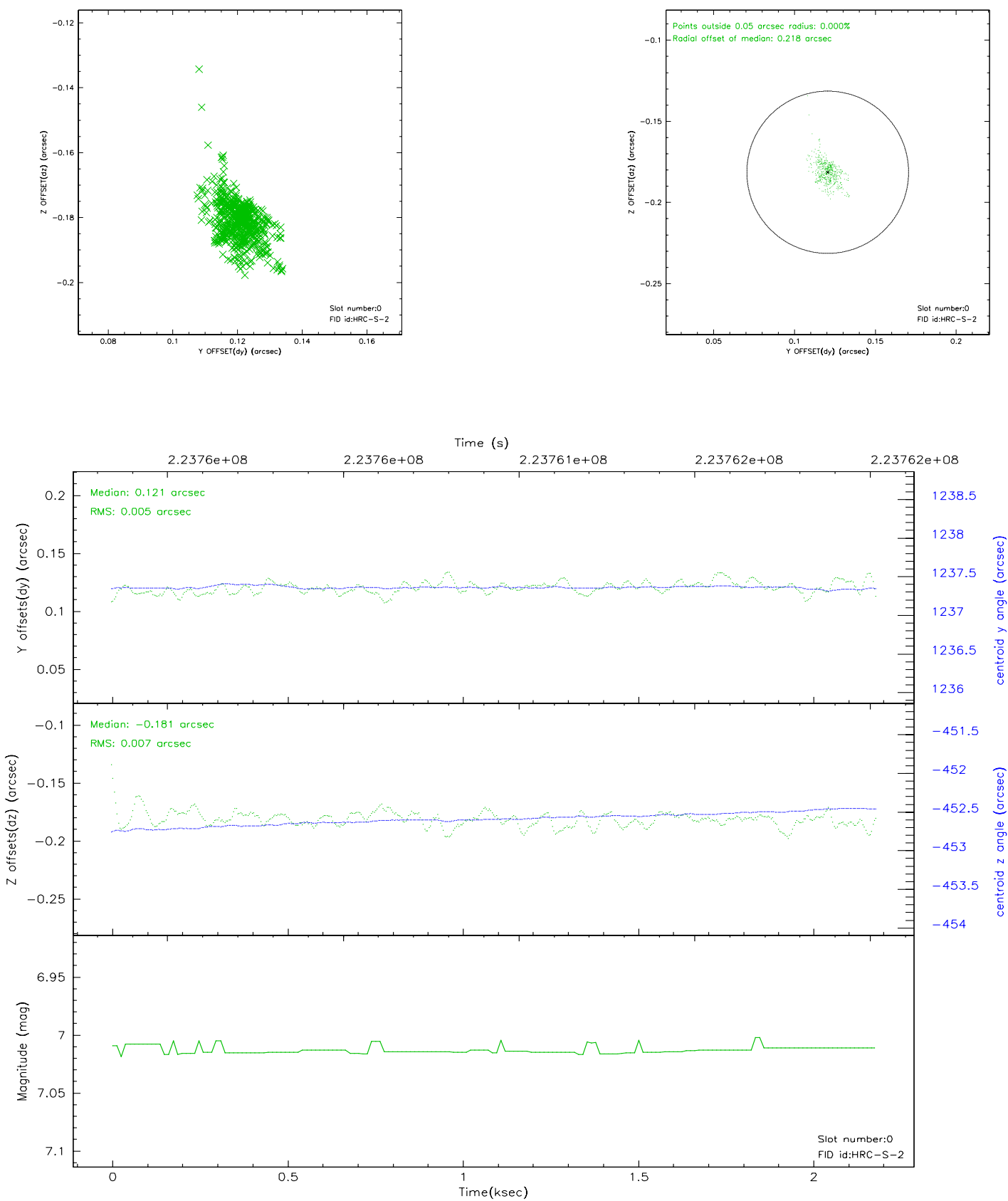


2.4.5 Slot 7

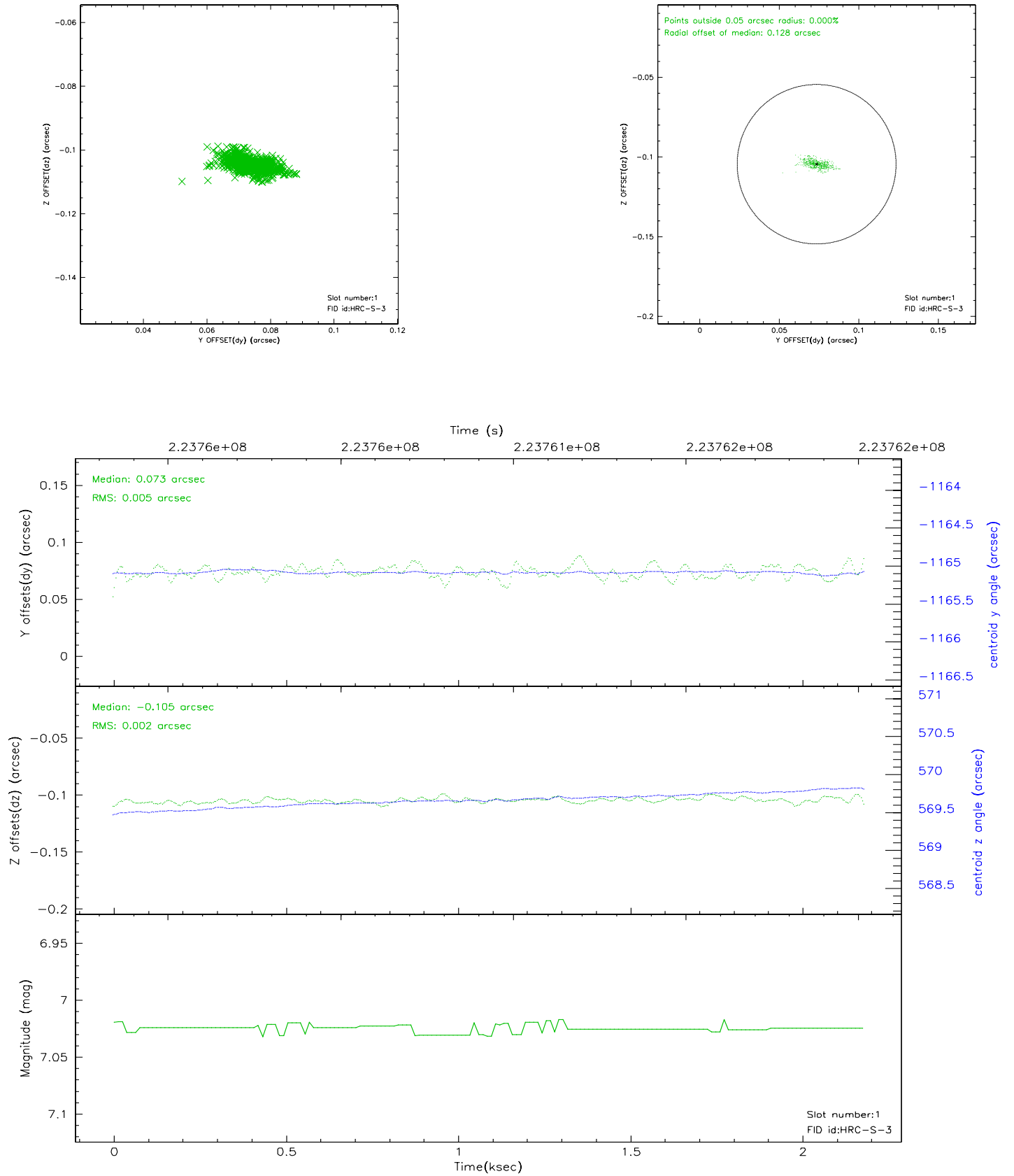


2.5 FID Slots

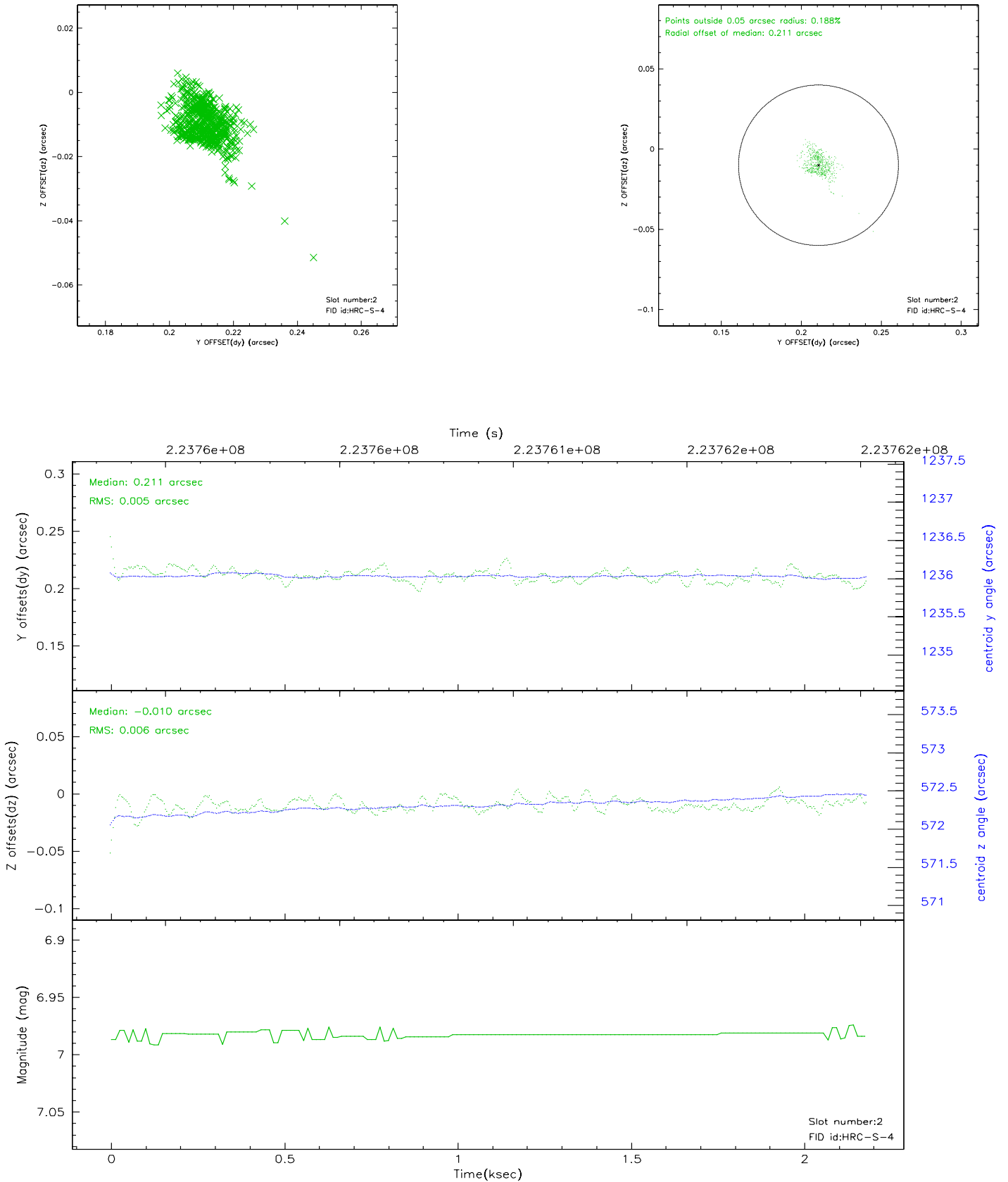
2.5.1 Slot 0



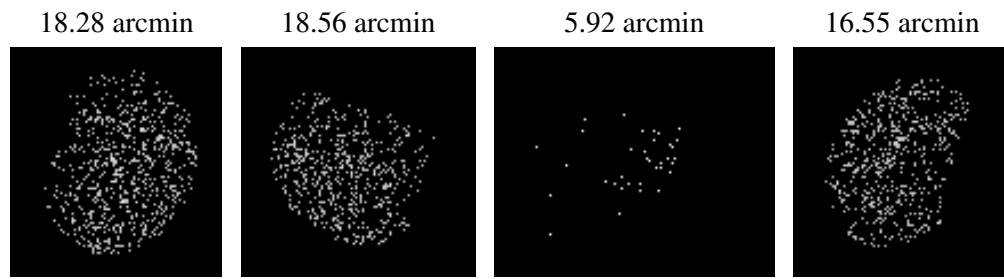
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.152756

A.2 Comments