

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 5969 - L2 Version 004
Chandra X-Ray Center

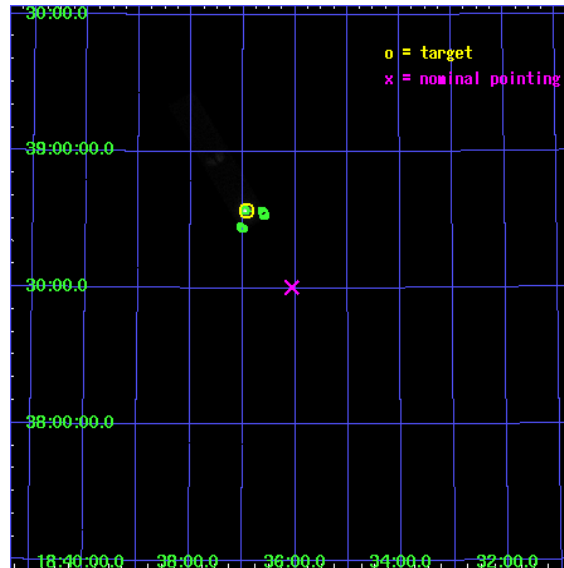
L2 Processing Date : Aug 4 2006

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 4	9
2.4.2	Slot 5	10
2.4.3	Slot 6	11
2.4.4	Slot 7	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

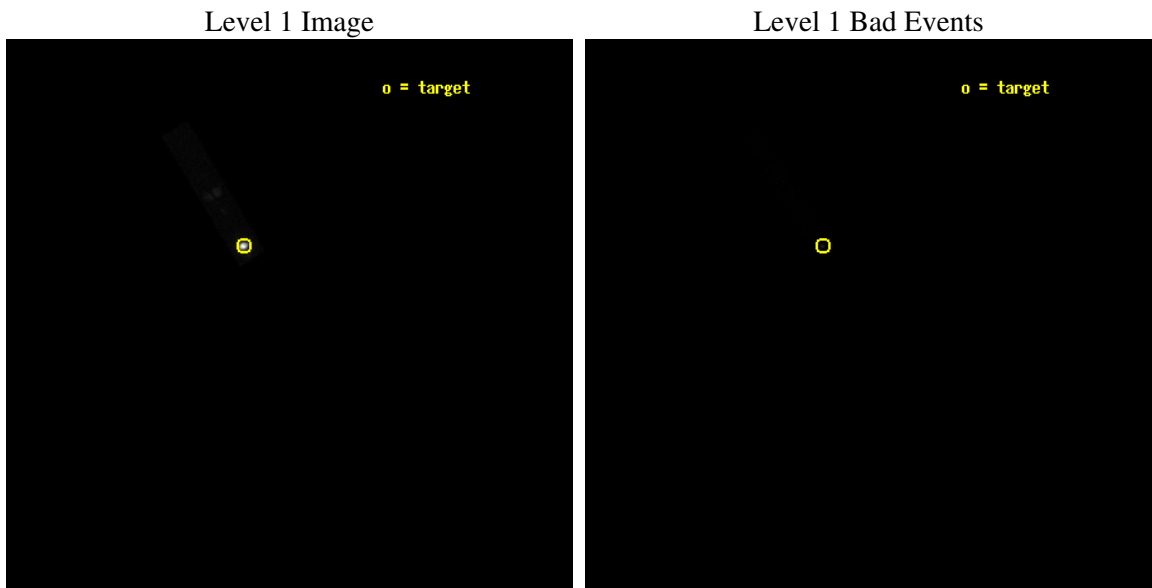
seq_num	290461
obs_id	5969
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.
observer	Dr. CXC Calibration
object	Vega
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.01615806616
dec_nom	38.503070084182
roll_nom	58.828948405969
revision	4
ontime	2189.4000990987
livetime	778.00641103623
l2events	390217



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-04T03:35:37
revision	4

sched_exp_time	2000.000000
ontime	2191.706349194
l1events	432116

2.1.3 Events

Level 1 Events

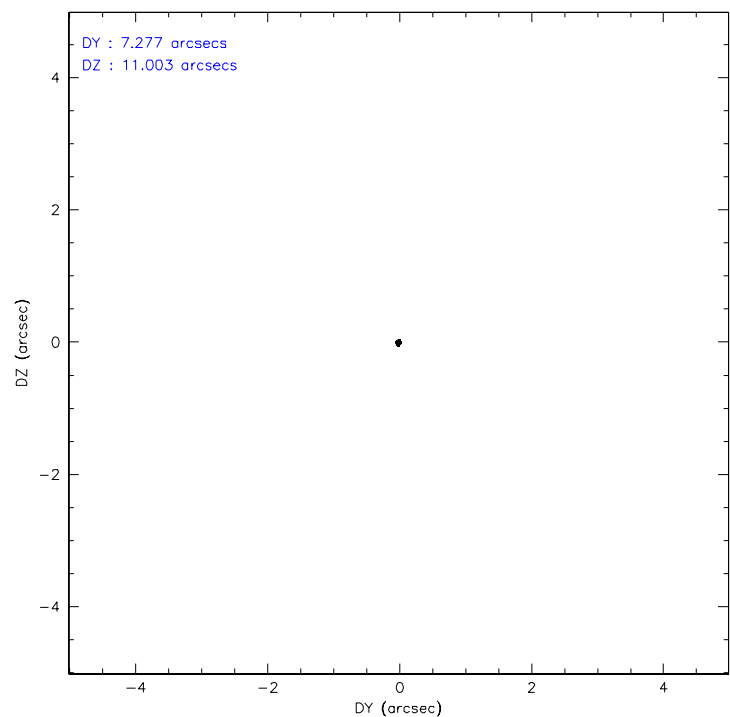
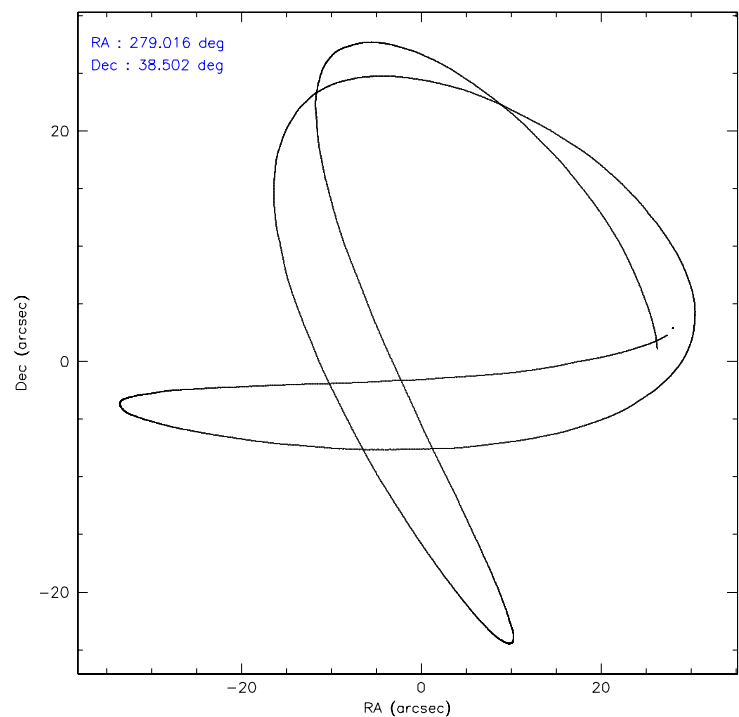
	segment 1	segment 2	segment 3
level 1 events	1	37	432078
rejected events	1	29	36527
rejected %	100%	78%	8%

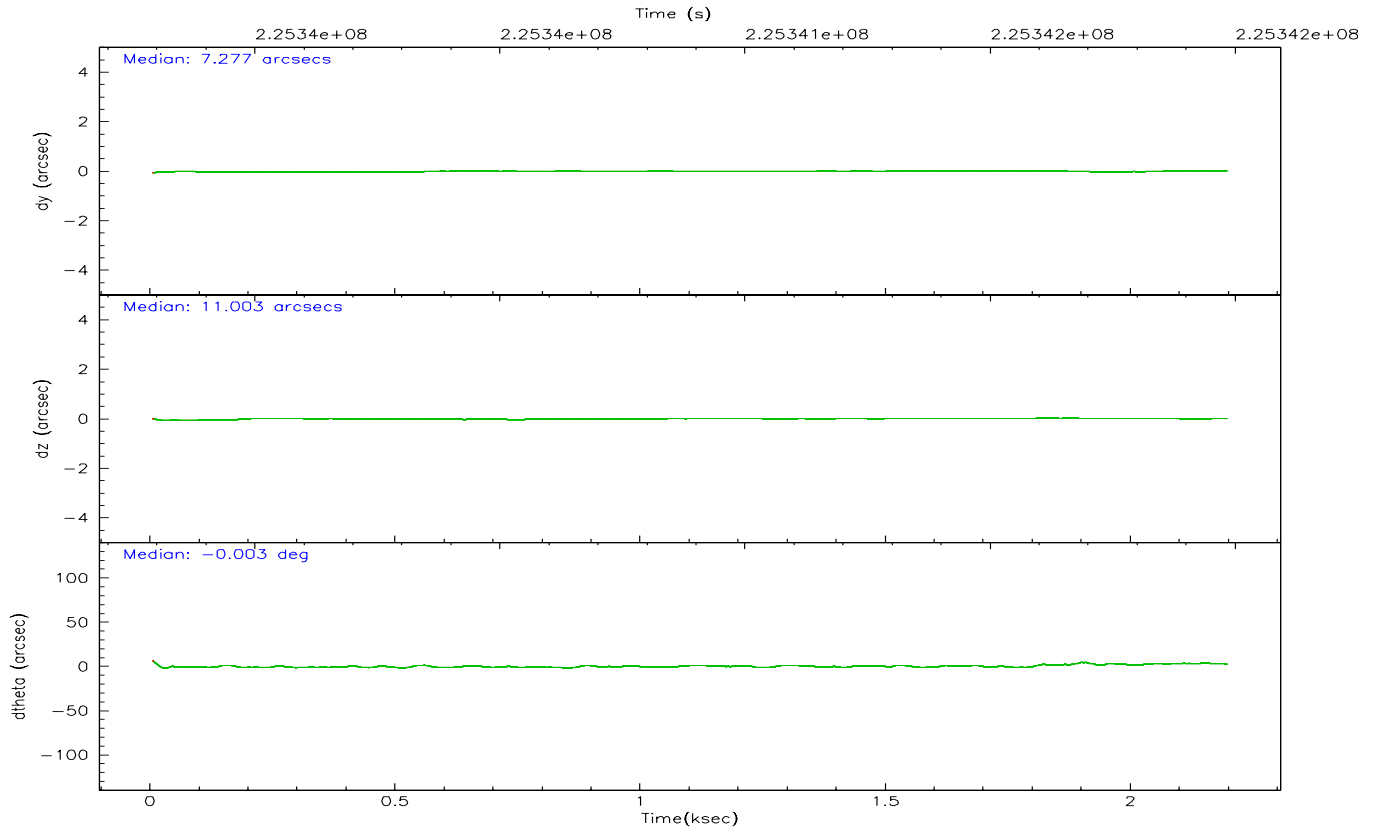
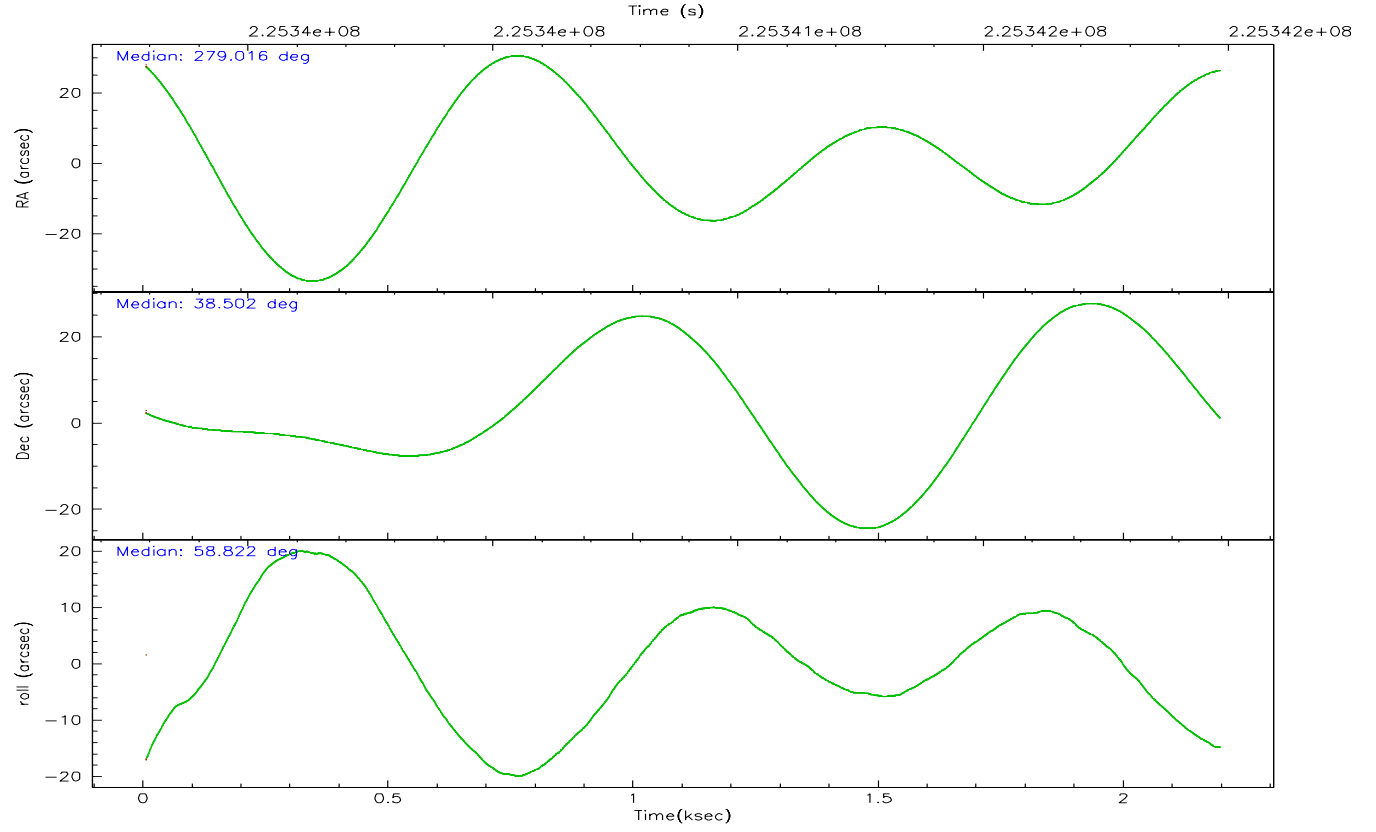
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	279.017555	279.0161580661593
Pointing Dec	38.474320	38.50307008418232
Pointing Roll	58.760766	58.82894840596945
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	225339989.184000	225339613.6739
Observation start date	2005-02-21T02:25:25	2005-02-21T02:20:13
Observation end time	225341989.184000	225342396.03652
Observation end date	2005-02-21T02:58:45	2005-02-21T03:06:36

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

2.3 Aspect



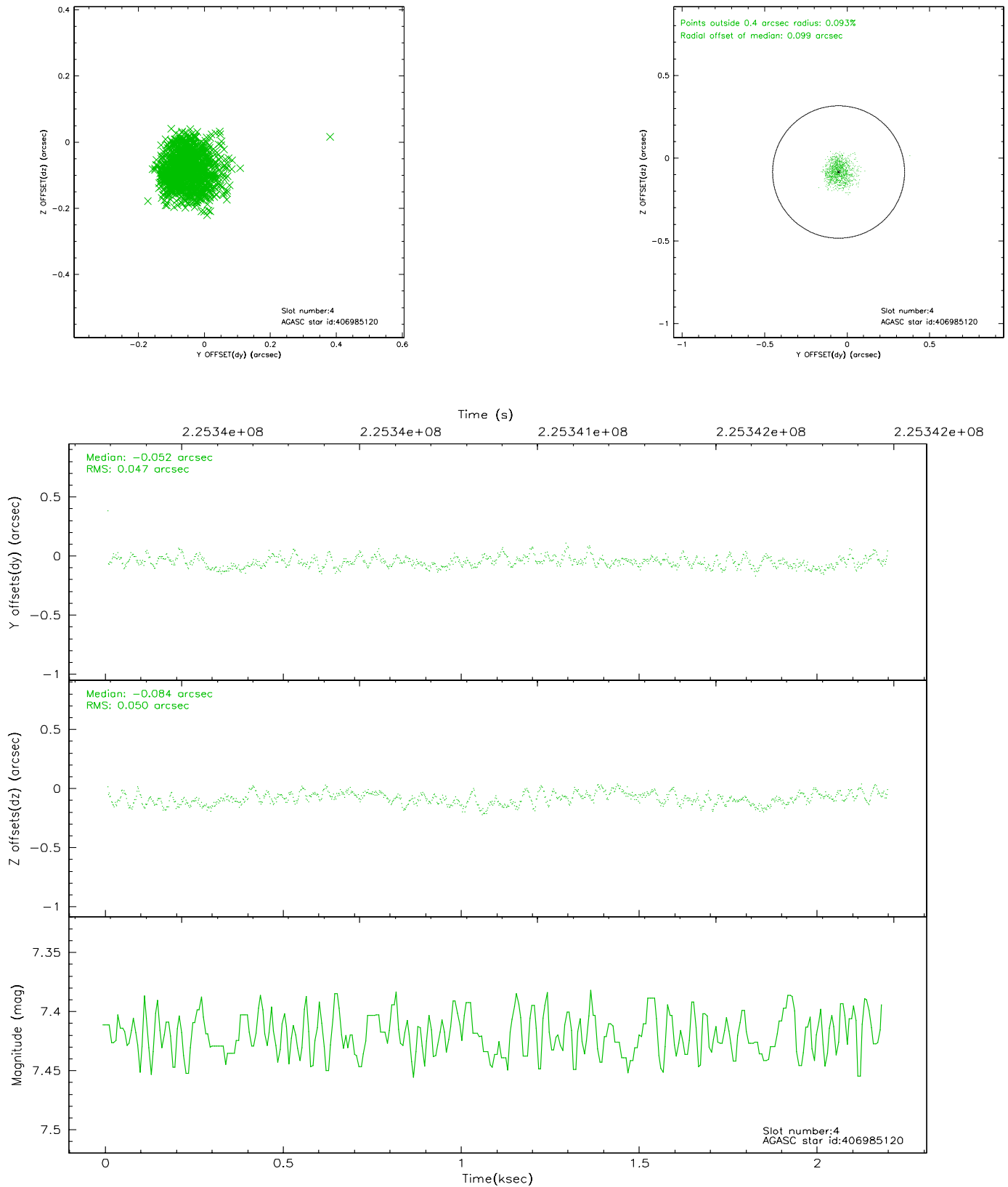


Slot Statistics

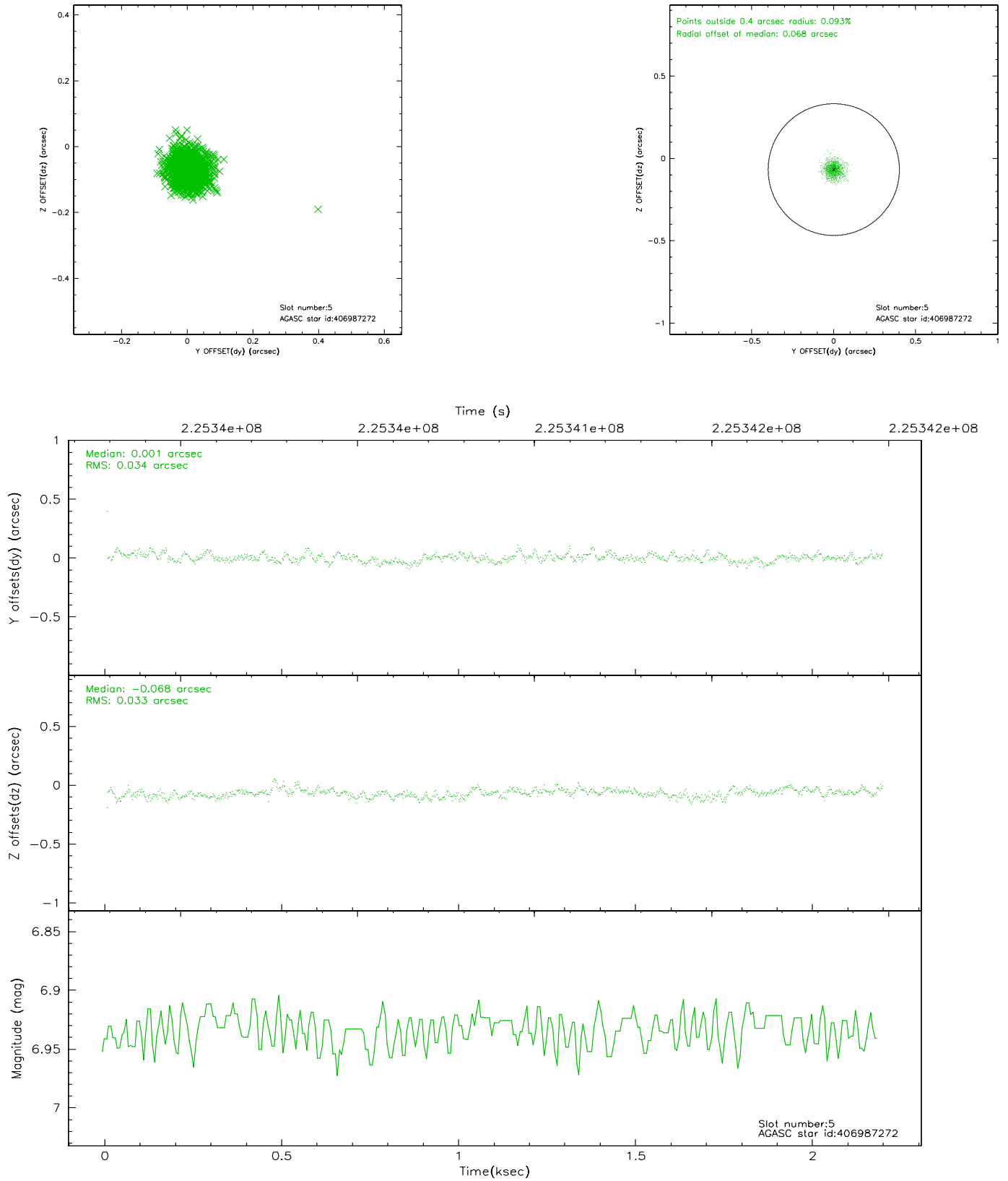
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.01	535	0.148	-0.182	0.014	0.040	0.000000	0.000000	1238.27	-452.38
1	FID	HRC-S-3	7.02	535	0.073	-0.093	0.006	0.013	0.000000	0.000000	-1161.88	569.05
2	FID	HRC-S-4	6.98	535	0.184	-0.020	0.014	0.043	0.000000	0.000000	1234.73	573.56
3	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	406985120	7.42	1070	-0.052	-0.084	0.073	0.114	278.839732	38.894839	1036.23	1210.51
5	GUIDE	406987272	6.93	1070	0.001	-0.068	0.048	0.080	278.536588	38.437504	-812.65	1093.04
6	GUIDE	406989616	8.23	1070	0.032	0.084	0.064	0.102	279.202881	38.520843	413.69	-358.92
7	GUIDE	406993992	7.62	1069	0.016	0.068	0.062	0.097	279.053714	38.034587	-1299.76	-910.23

2.4 Star Slots

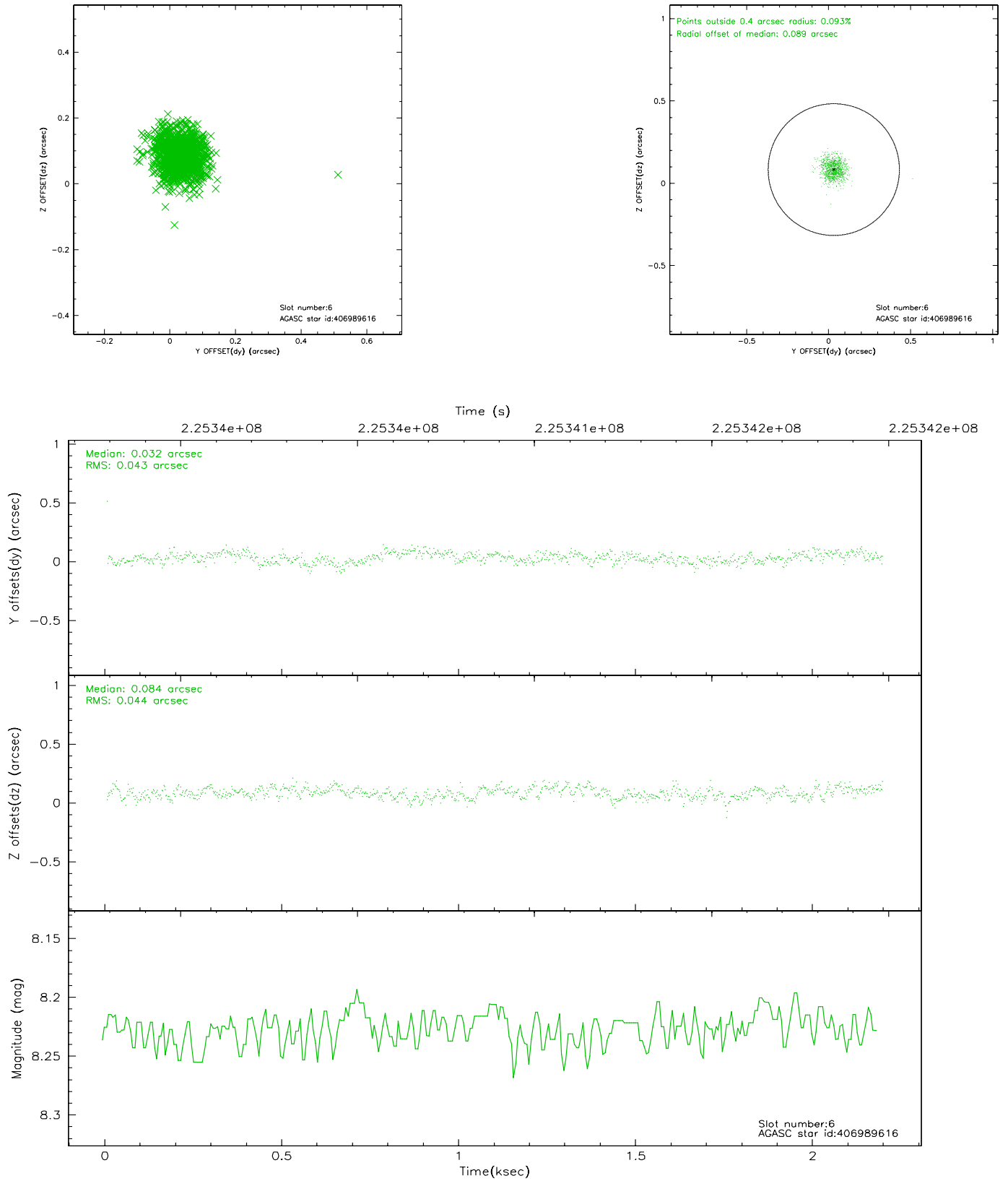
2.4.1 Slot 4



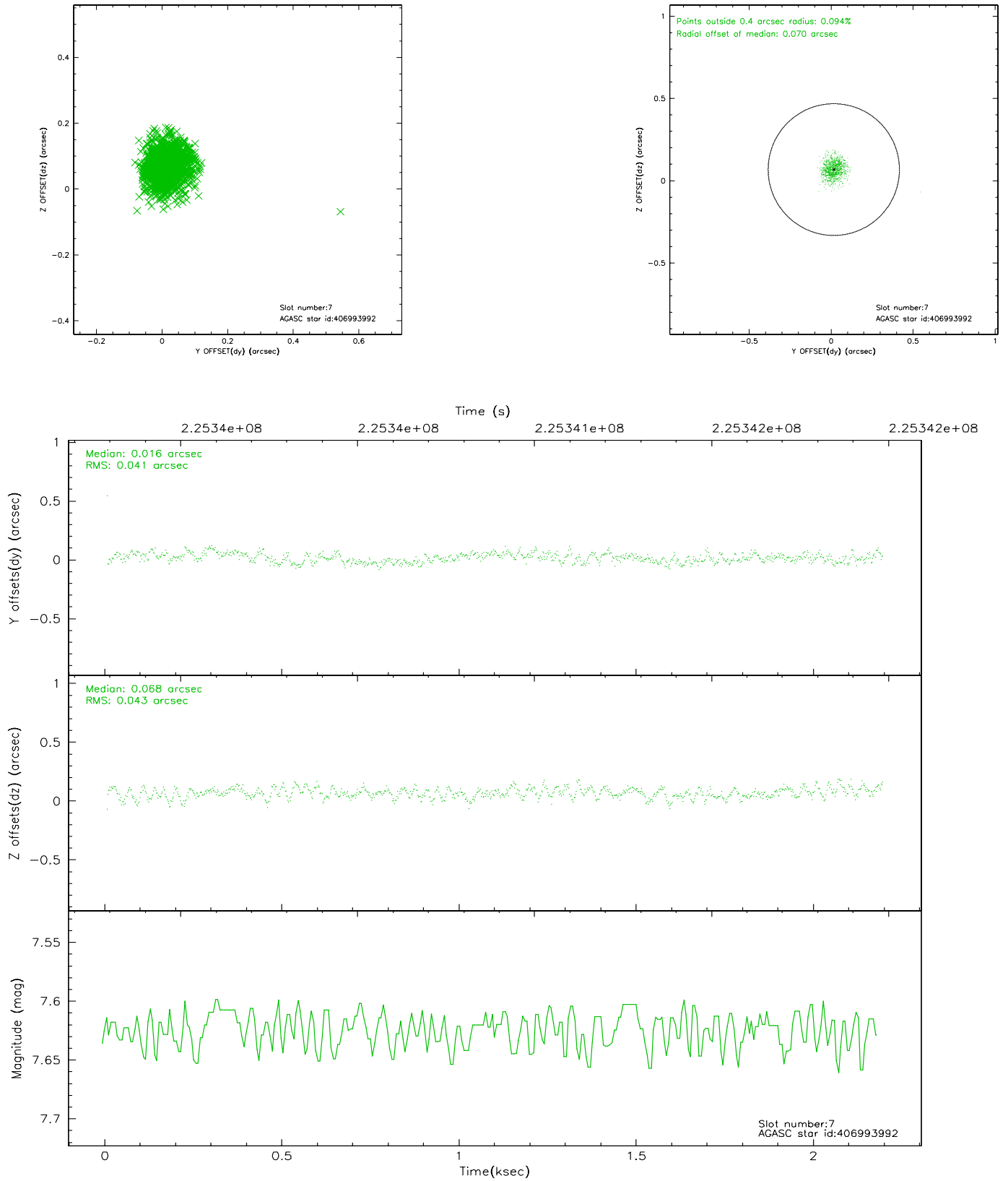
2.4.2 Slot 5



2.4.3 Slot 6

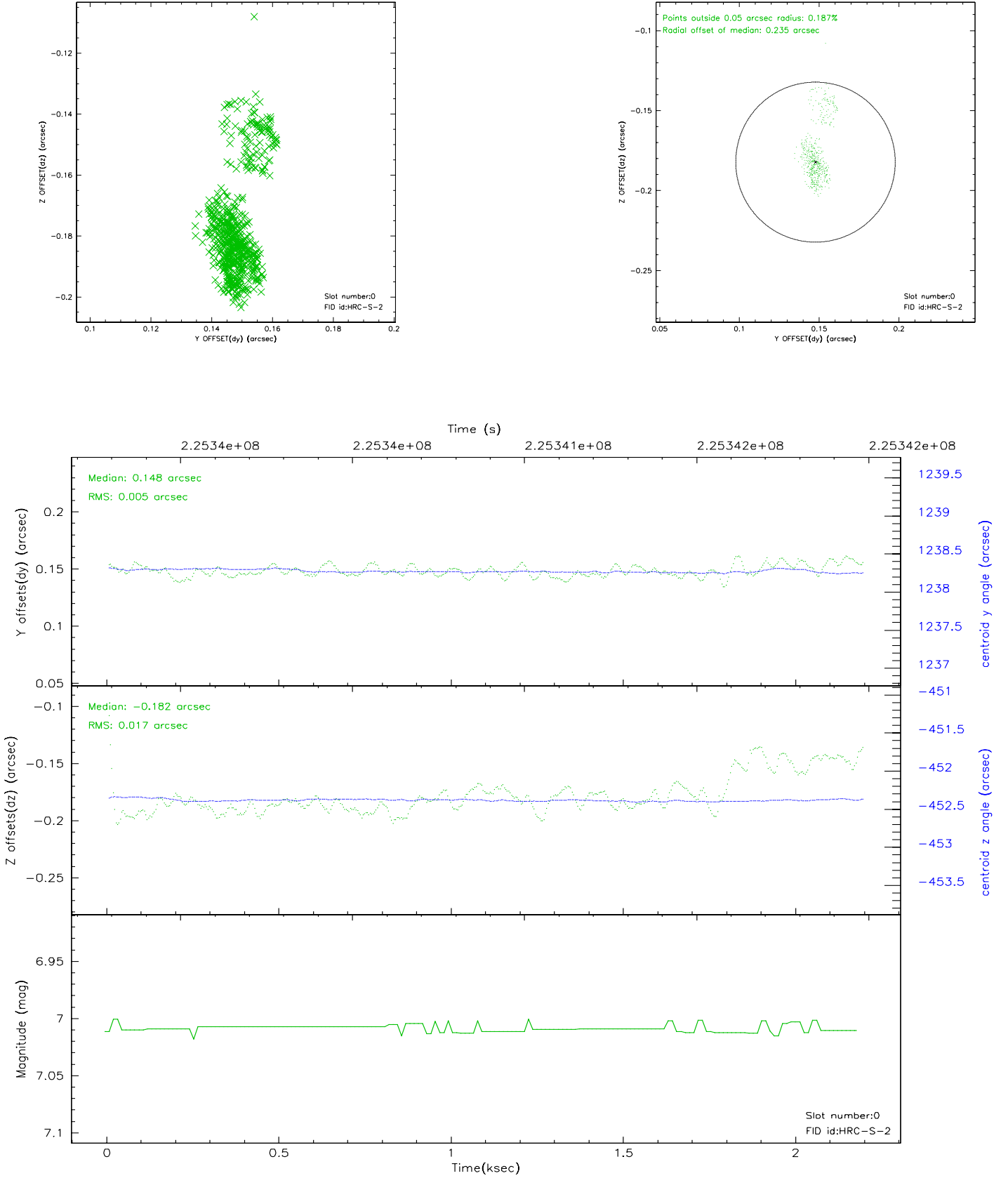


2.4.4 Slot 7

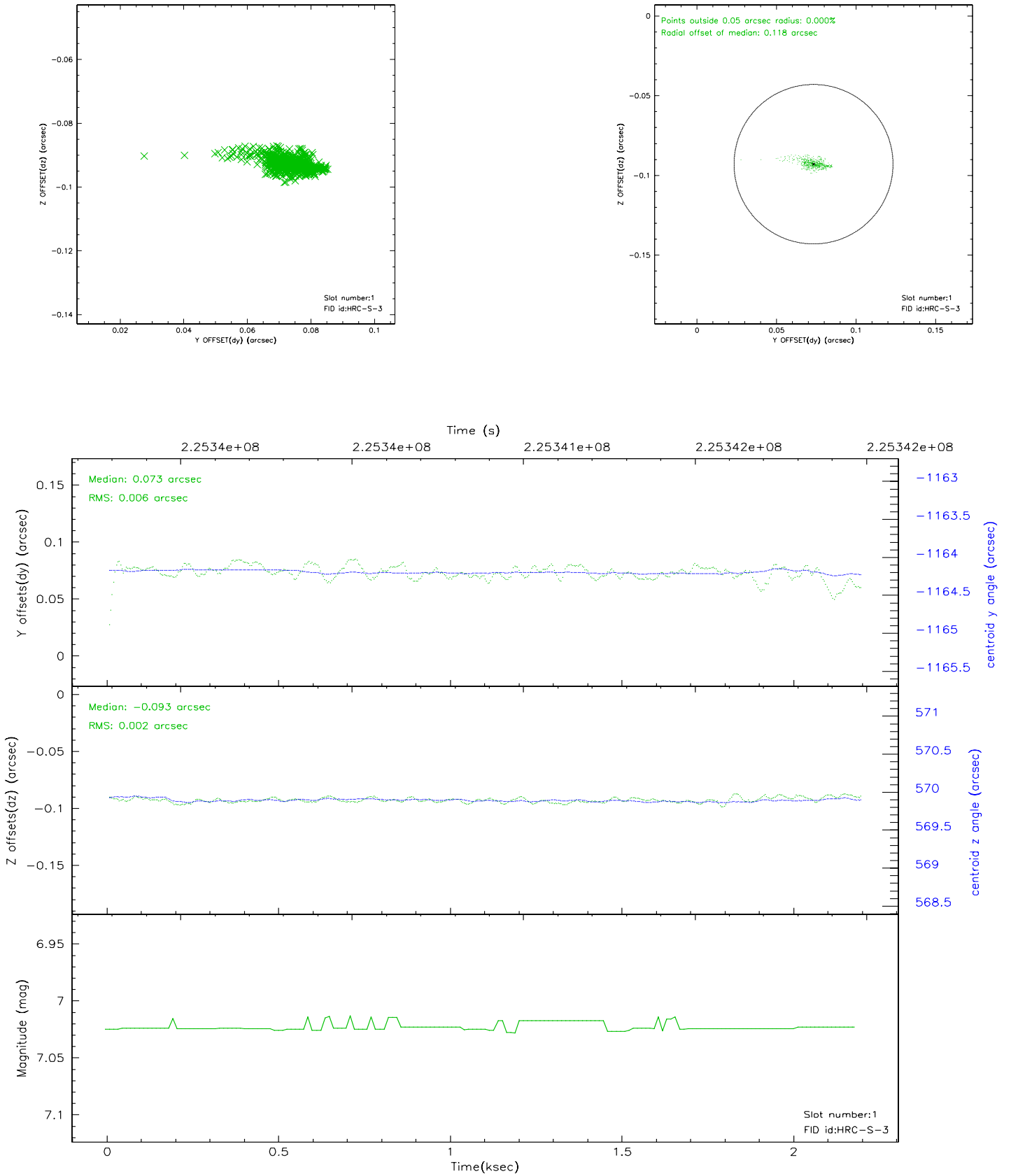


2.5 FID Slots

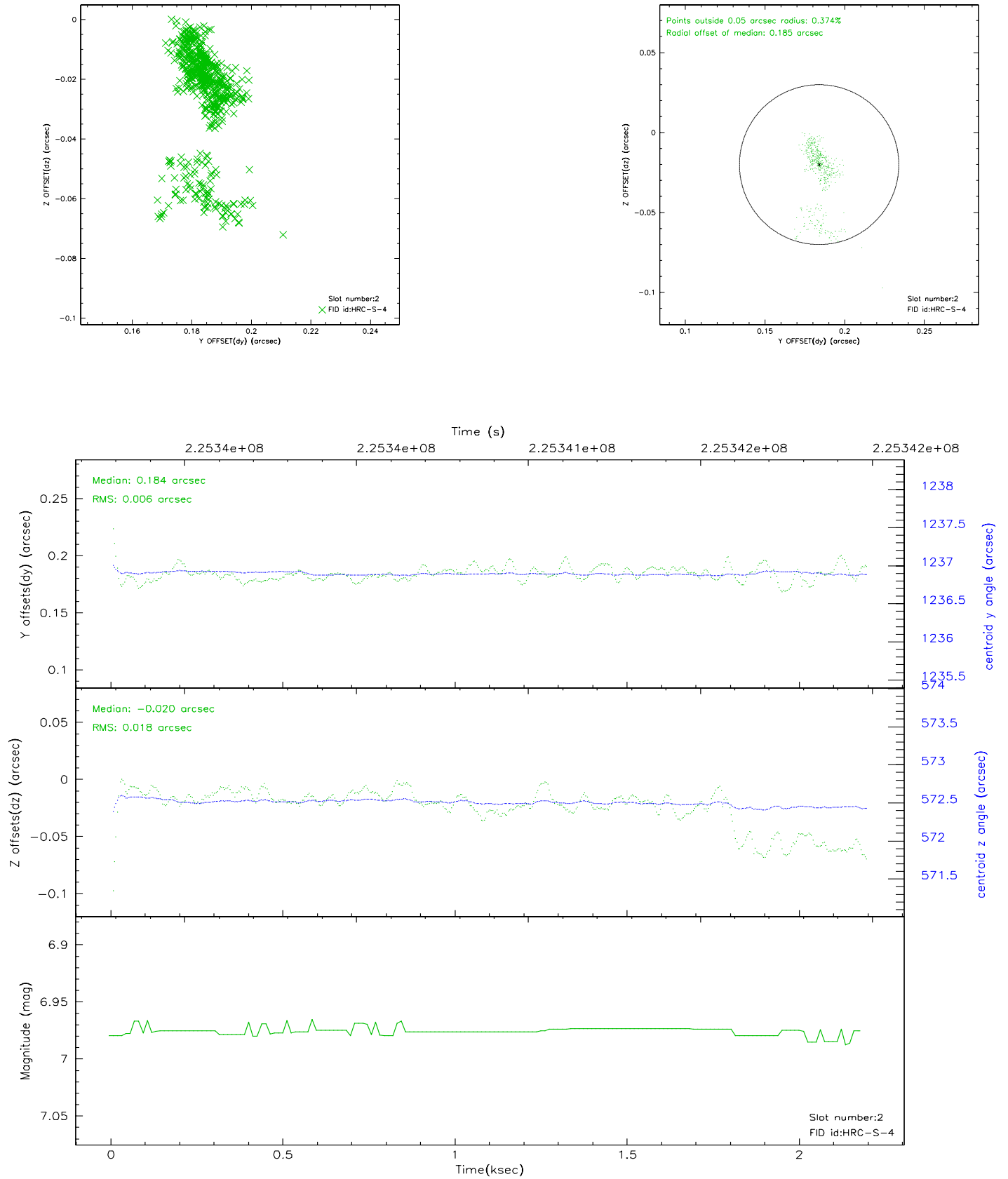
2.5.1 Slot 0



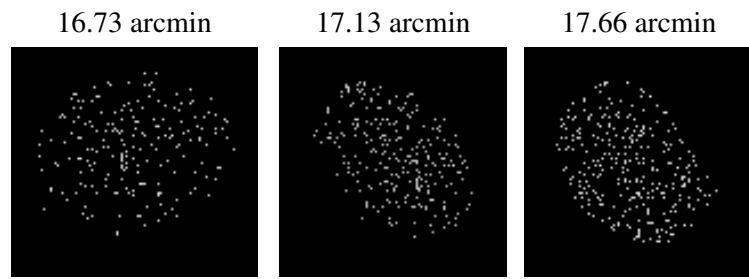
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1894

A.2 Comments

Slot 3 was excluded from aspect solution.