

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3684 - L2 Version 001
Chandra X-Ray Center

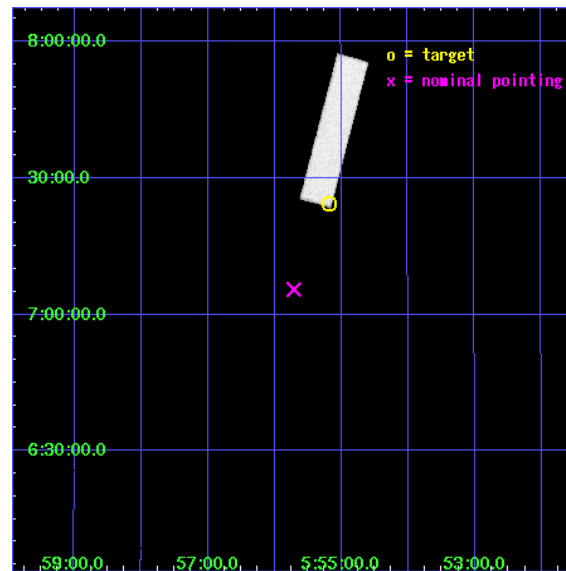
L2 Processing Date : Jul 20 2006

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1 Front

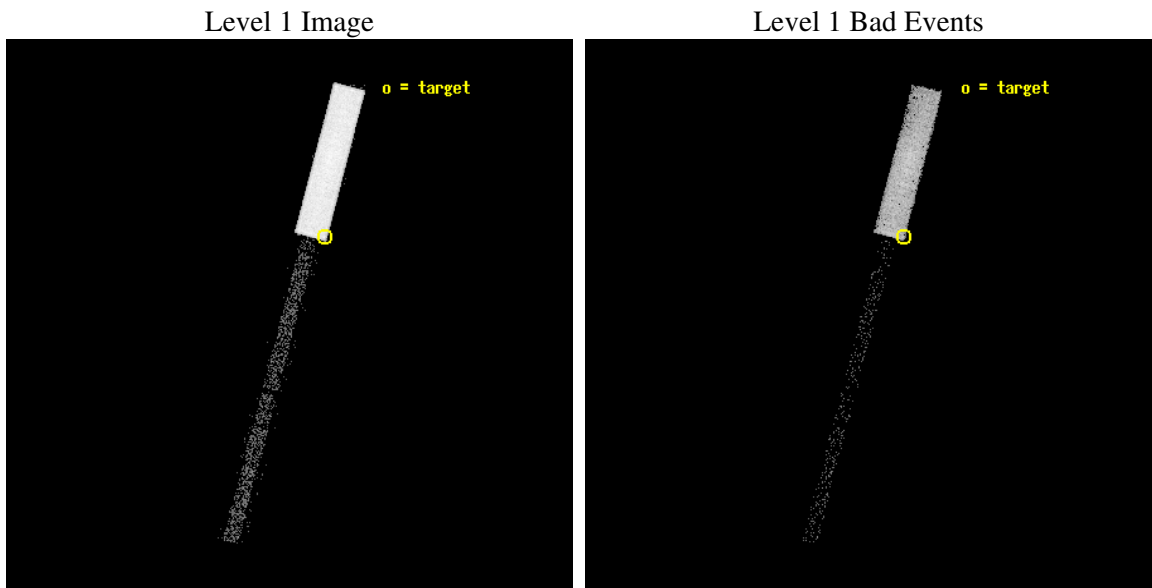
seq_num	290238
obs_id	3684
title	AO4 MEASUREMENTS OF THE OPTICAL/UV TRANSMISSION OF THE HRC AND ACIS FILTERS
observer	Dr. CXC Calibration
object	BETELGEUSE
ra_targ	88.792917
dec_targ	7.407056
ra_nom	88.927472264111
dec_nom	7.0925680175629
roll_nom	284.69497778215
revision	2
ontime	2142.5063399076
livetime	2132.4042460581
l2events	67015



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-20T20:02:39
revision	2

sched_exp_time	2000.000000
ontime	2182.2250915766
l1events	111539

2.1.3 Events

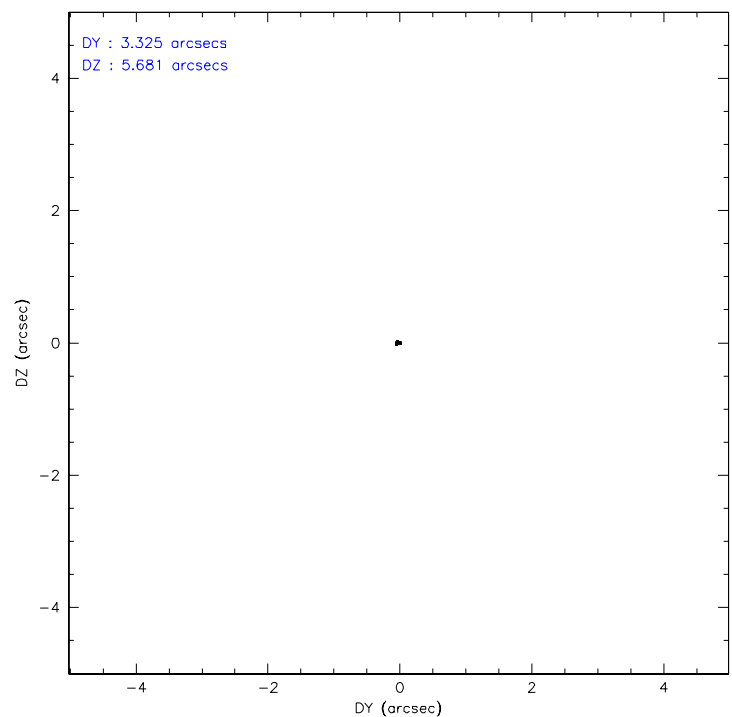
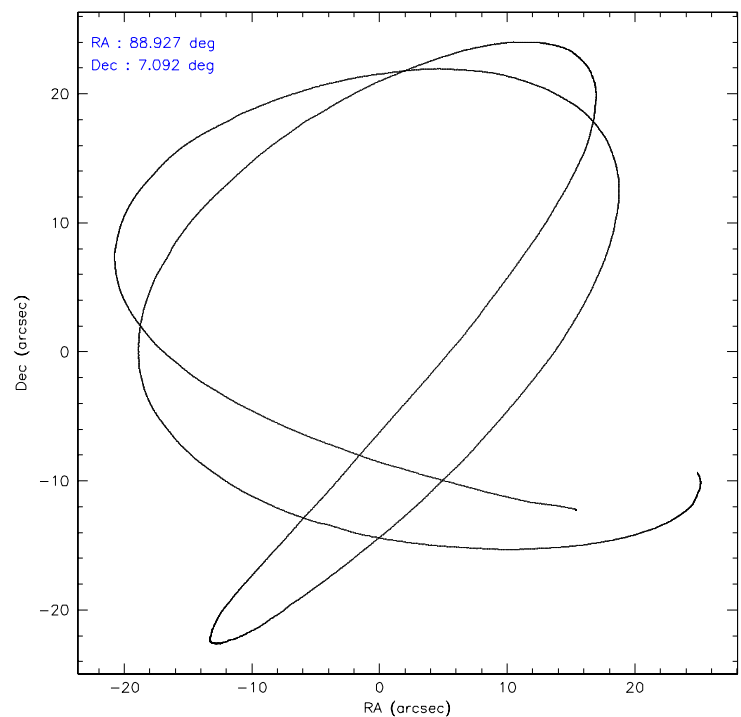
Level 1 Events

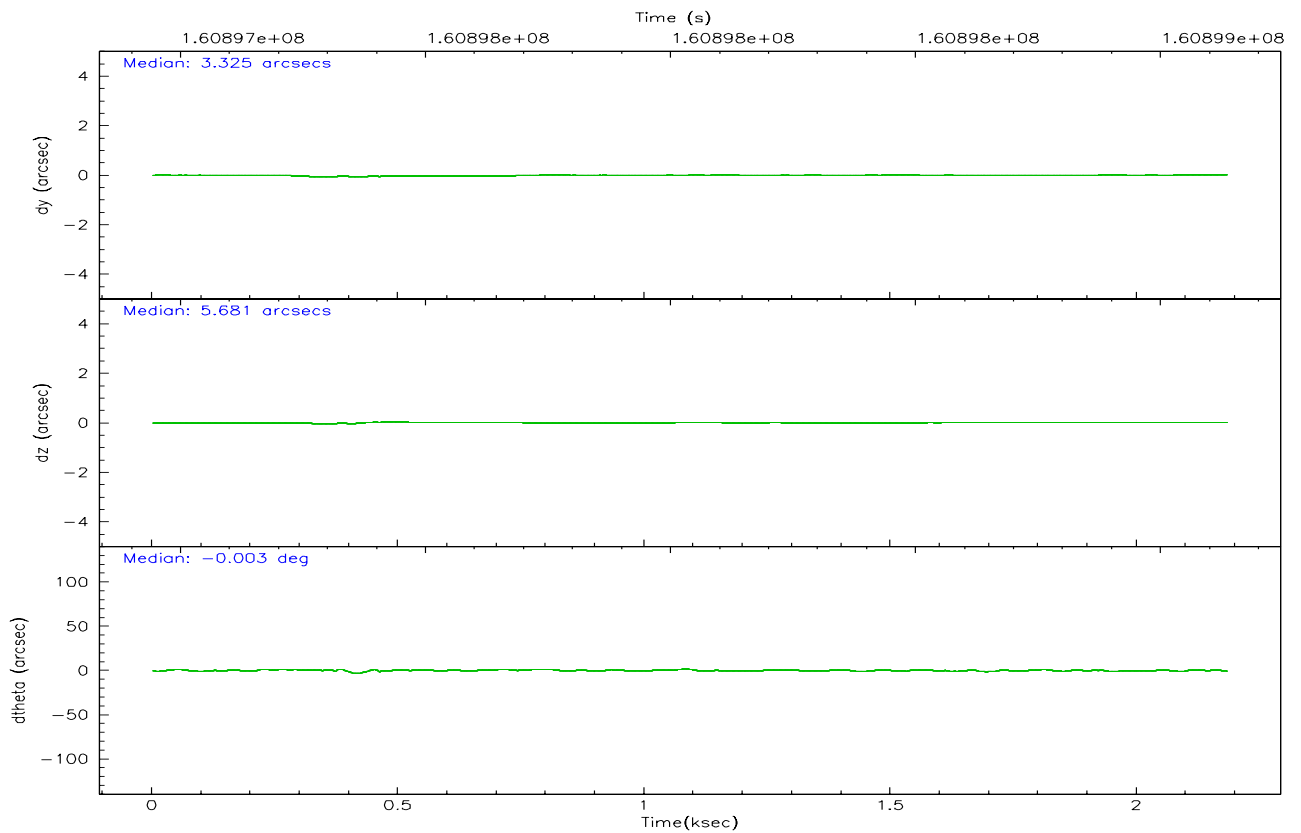
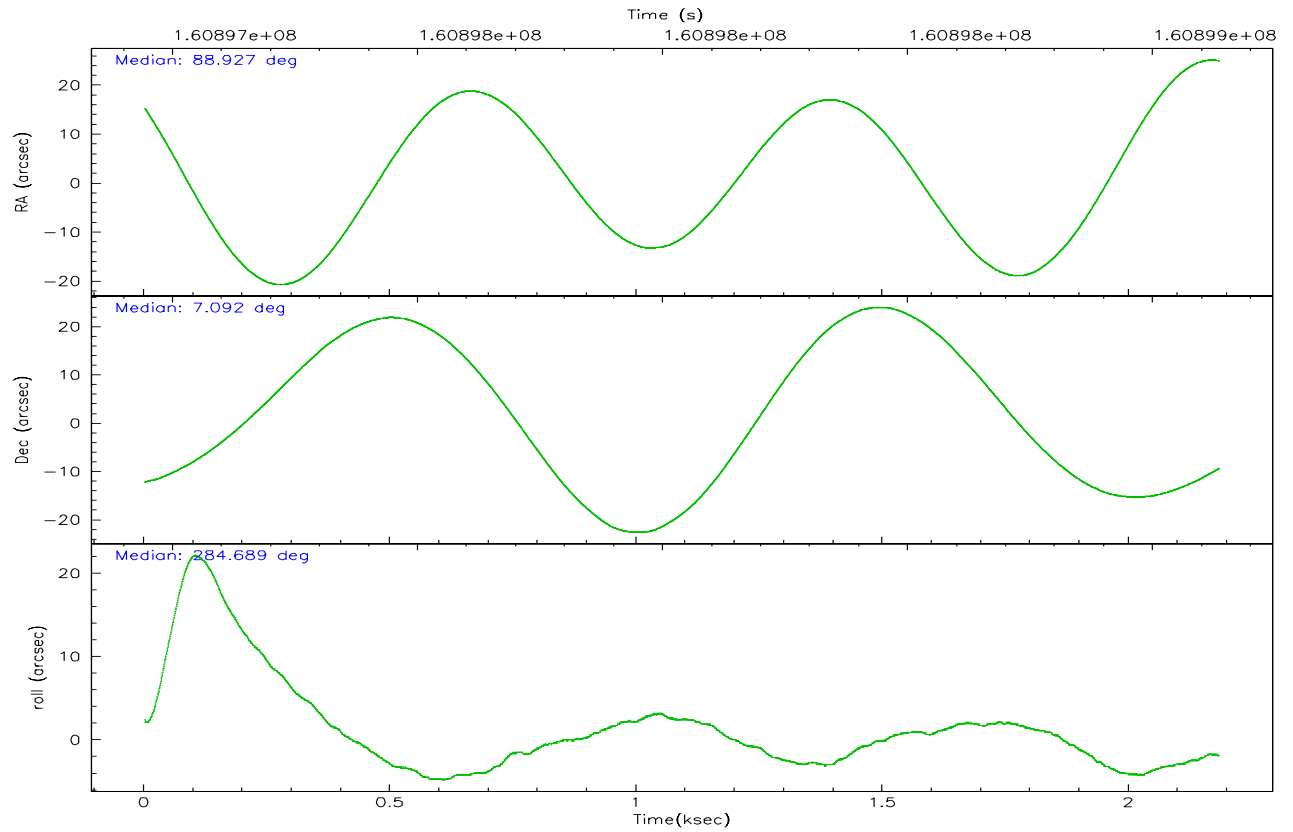
	segment 1	segment 2	segment 3
level 1 events	109187	1147	1205
rejected events	33473	1124	1205
rejected %	30%	97%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	88.906402	88.92747226411073			
Pointing Dec	7.111922	7.092568017562884			
Pointing Roll	284.630241	284.6949777821533			
Window start time	160488064.184000	160488064.184000			
Window stop time	162820864.184000	162820864.184000			
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	160897130.184000	160896753.86087			
Observation start date	2003-02-06T05:37:46	2003-02-06T05:32:33			
Observation end time	160899130.184000	160899299.96098			
Observation end date	2003-02-06T06:11:06	2003-02-06T06:14:59			

2.3 Aspect



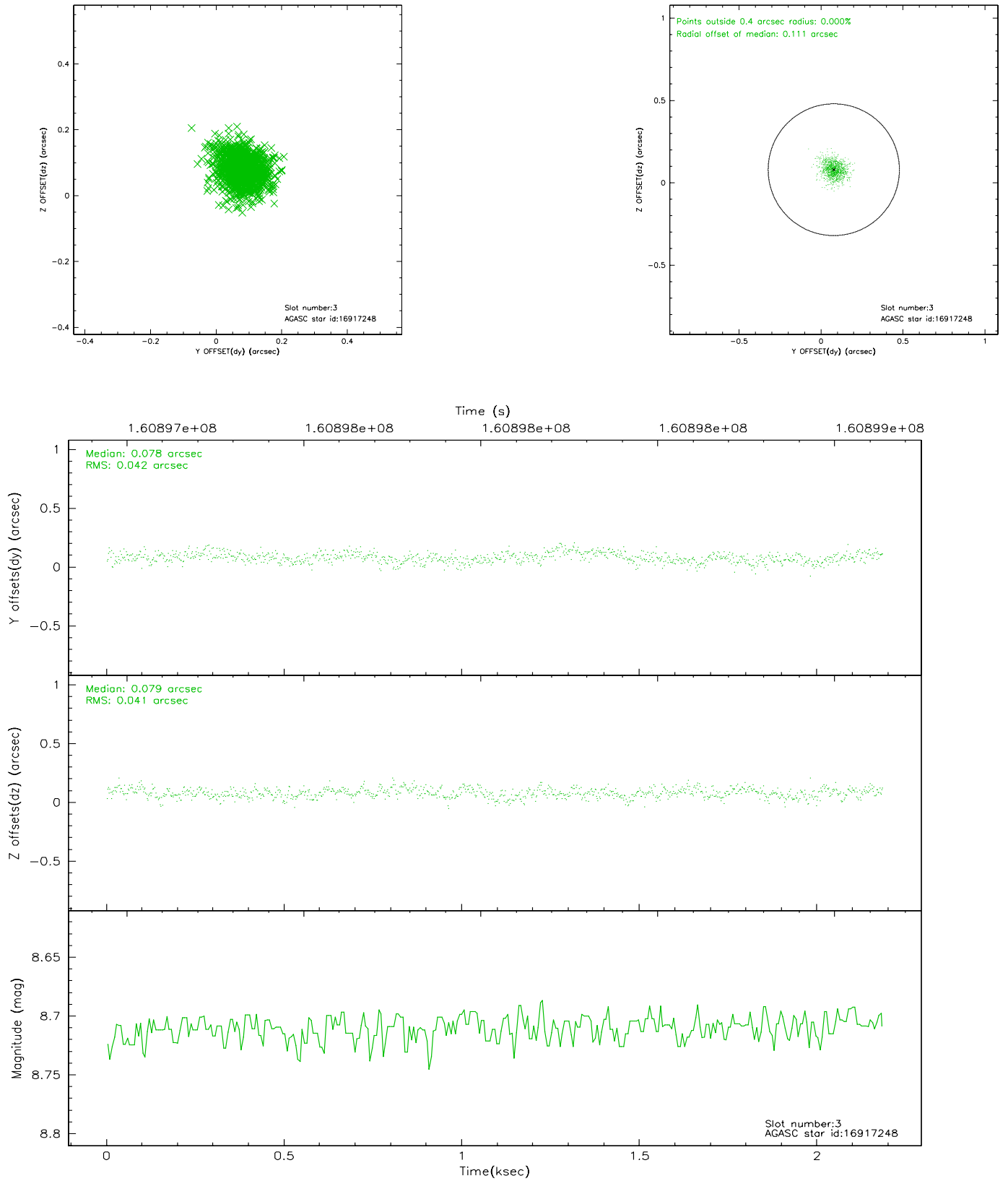


Slot Statistics

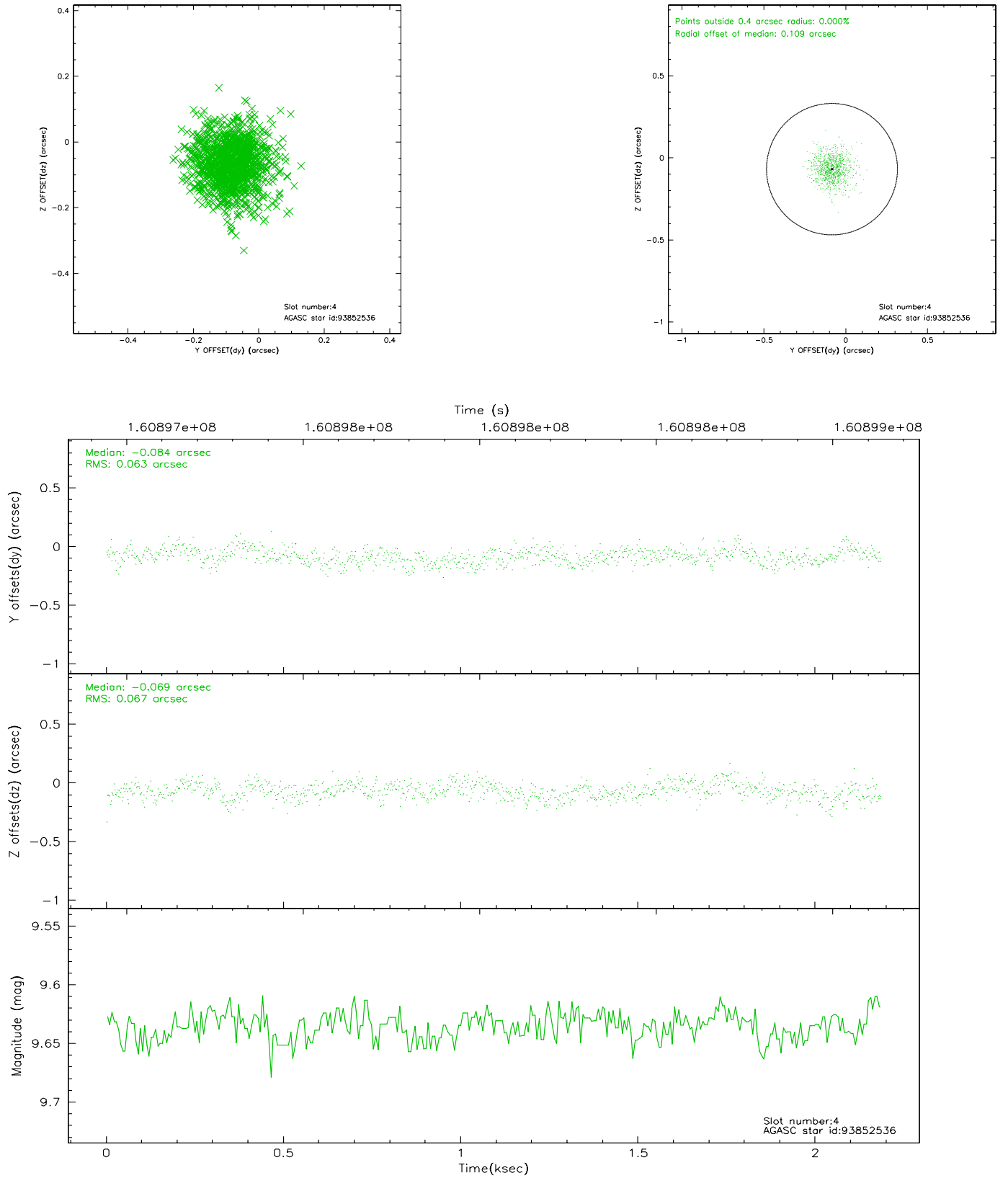
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	533	0.159	-0.177	0.006	0.011	0.000000	0.000000	-1157.35	-454.24
1	FID	HRC-S-2	7.01	533	0.095	-0.098	0.005	0.011	0.000000	0.000000	1240.10	-447.67
2	FID	HRC-S-3	7.03	533	0.136	-0.027	0.007	0.012	0.000000	0.000000	-1157.76	574.60
3	GUIDE	16917248	8.71	1066	0.078	0.079	0.062	0.106	89.306967	6.774731	1535.79	1080.27
4	GUIDE	93852536	9.63	1066	-0.084	-0.069	0.096	0.157	88.414730	7.576698	-2061.42	-1273.18
5	GUIDE	16918912	8.65	1066	0.091	0.038	0.078	0.126	89.257075	6.922287	974.87	1040.15
6	GUIDE	16910592	8.97	1066	-0.035	-0.077	0.080	0.130	88.532936	6.726769	1005.04	-1640.11
7	GUIDE	16918456	9.57	1060	-0.052	0.023	0.121	0.185	89.526896	7.059699	741.35	2097.30

2.4 Star Slots

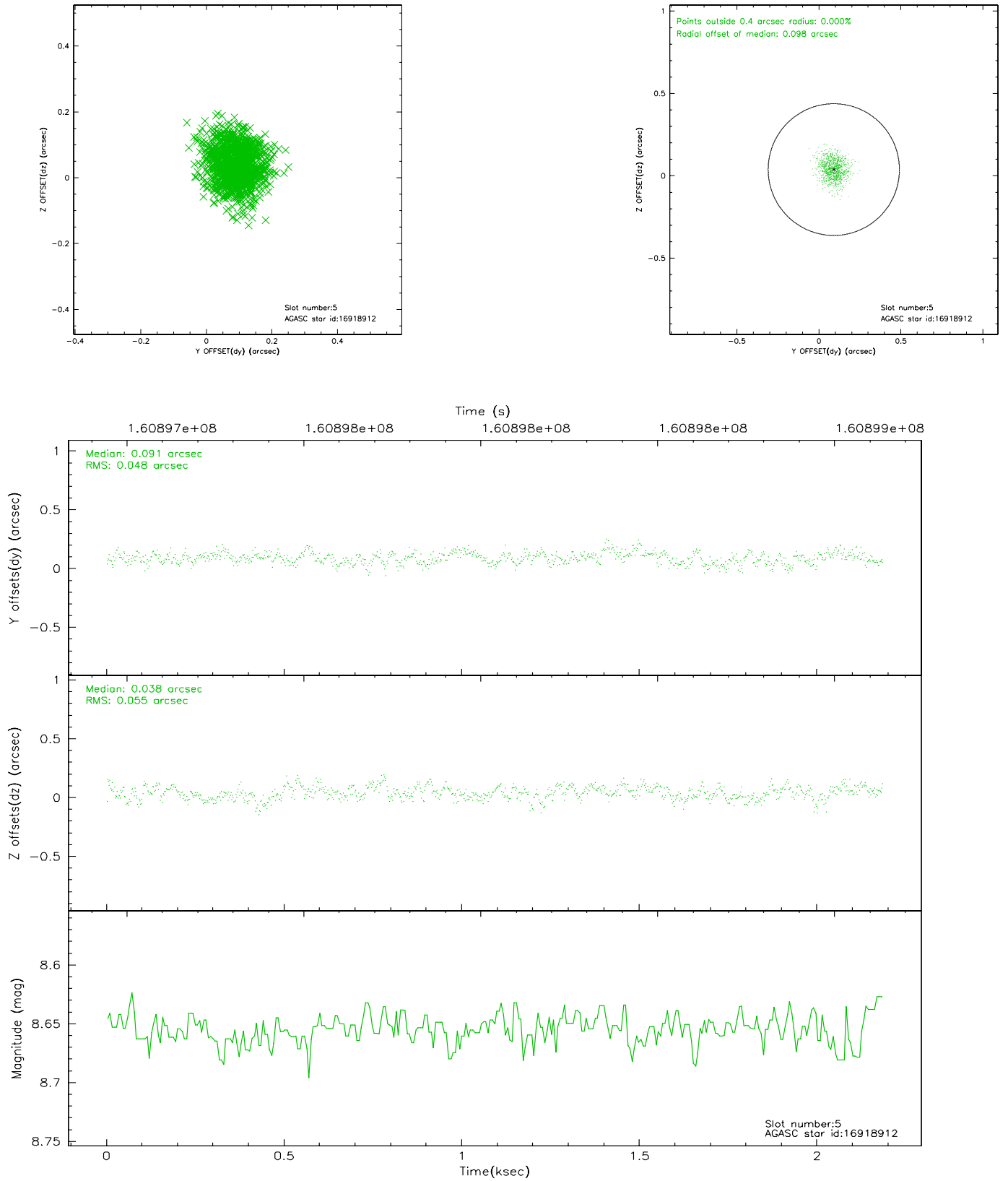
2.4.1 Slot 3



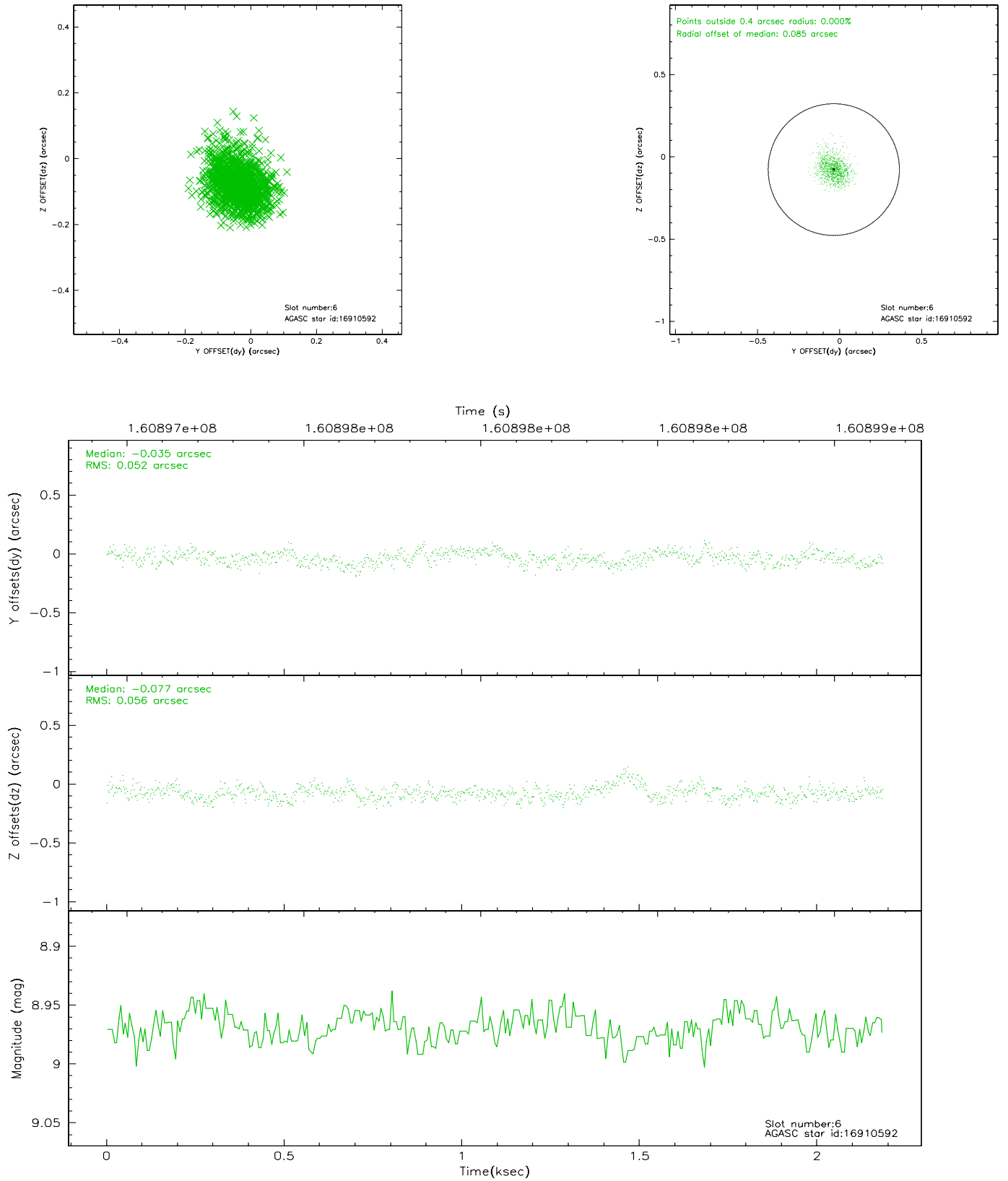
2.4.2 Slot 4



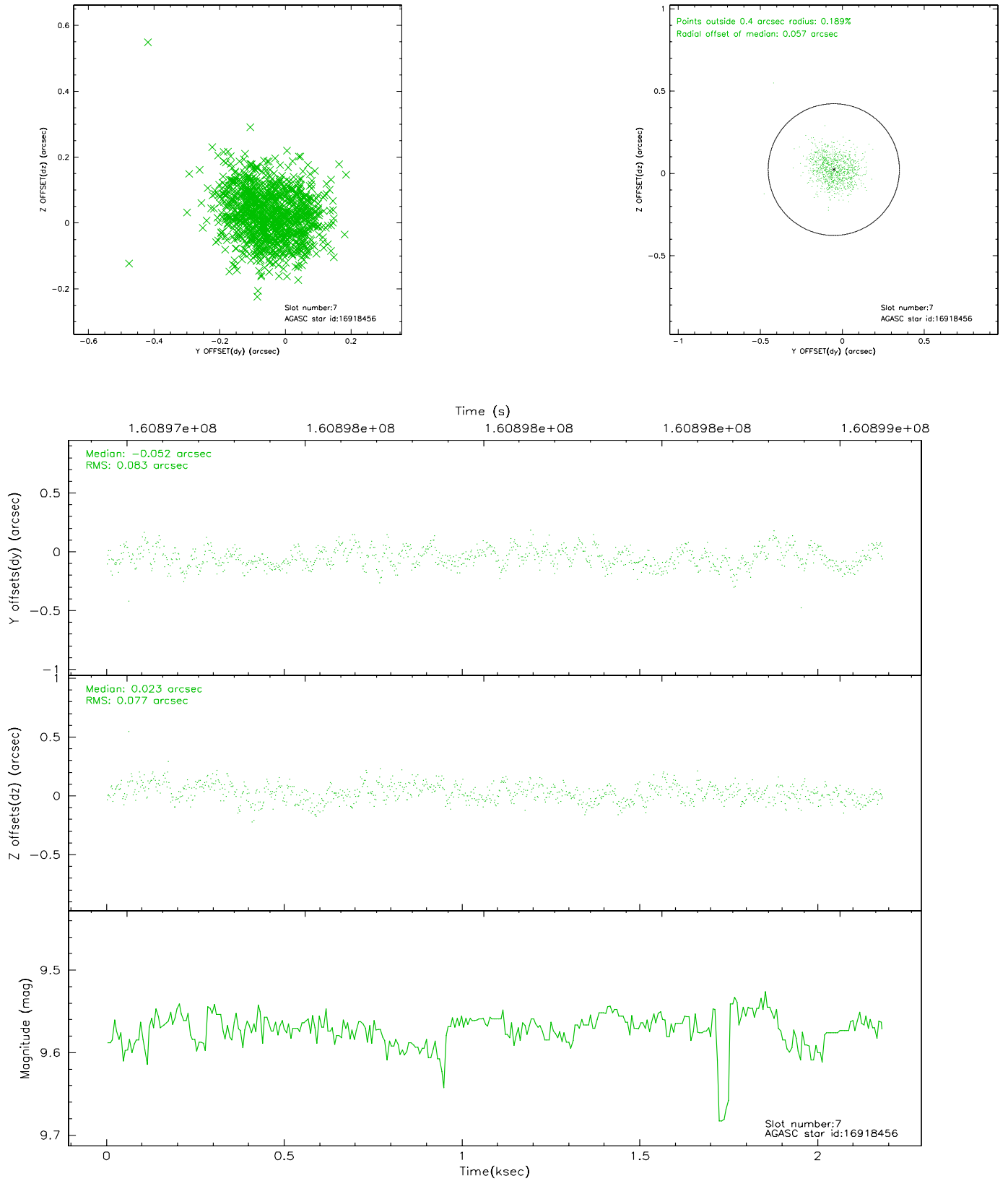
2.4.3 Slot 5



2.4.4 Slot 6

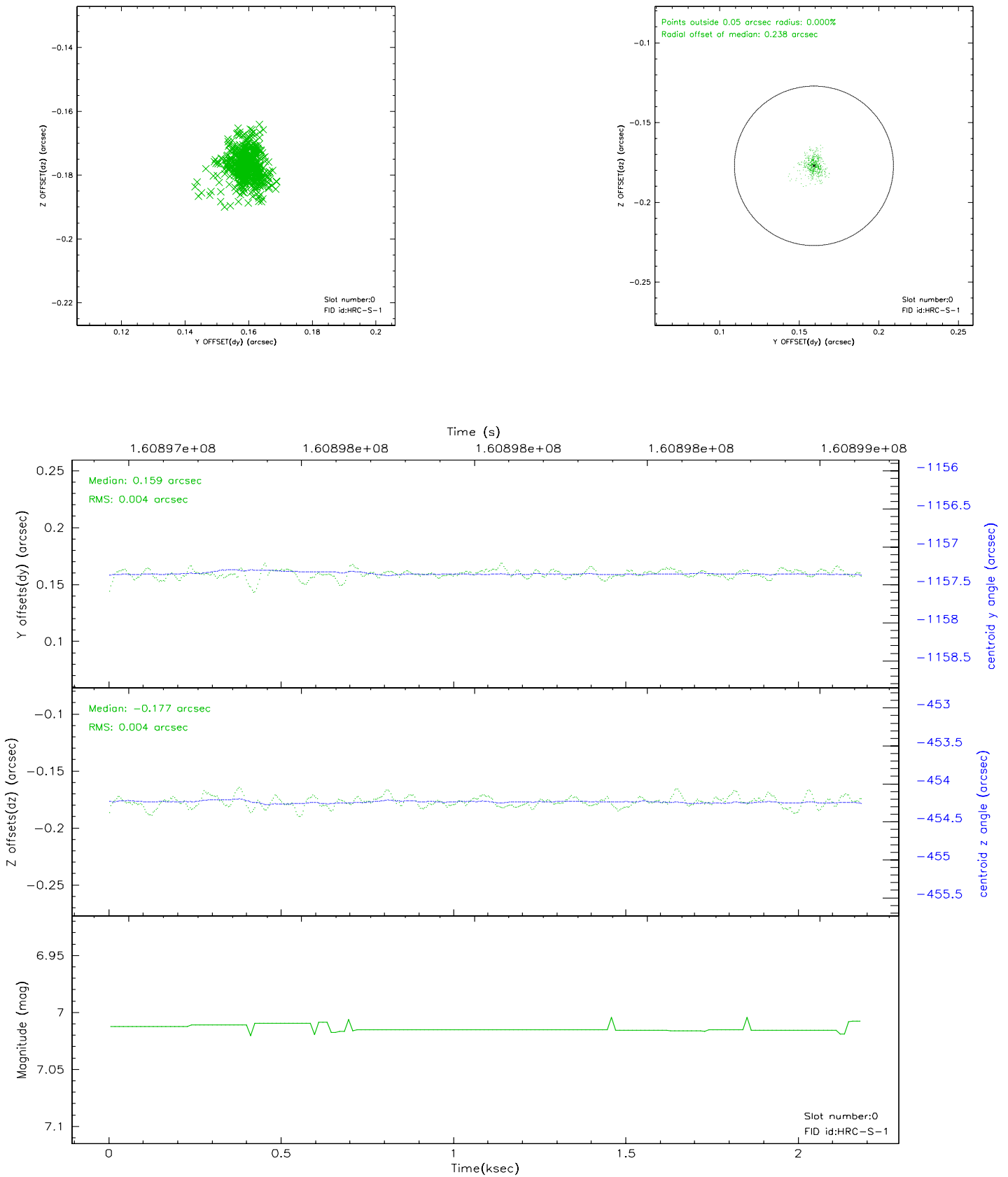


2.4.5 Slot 7

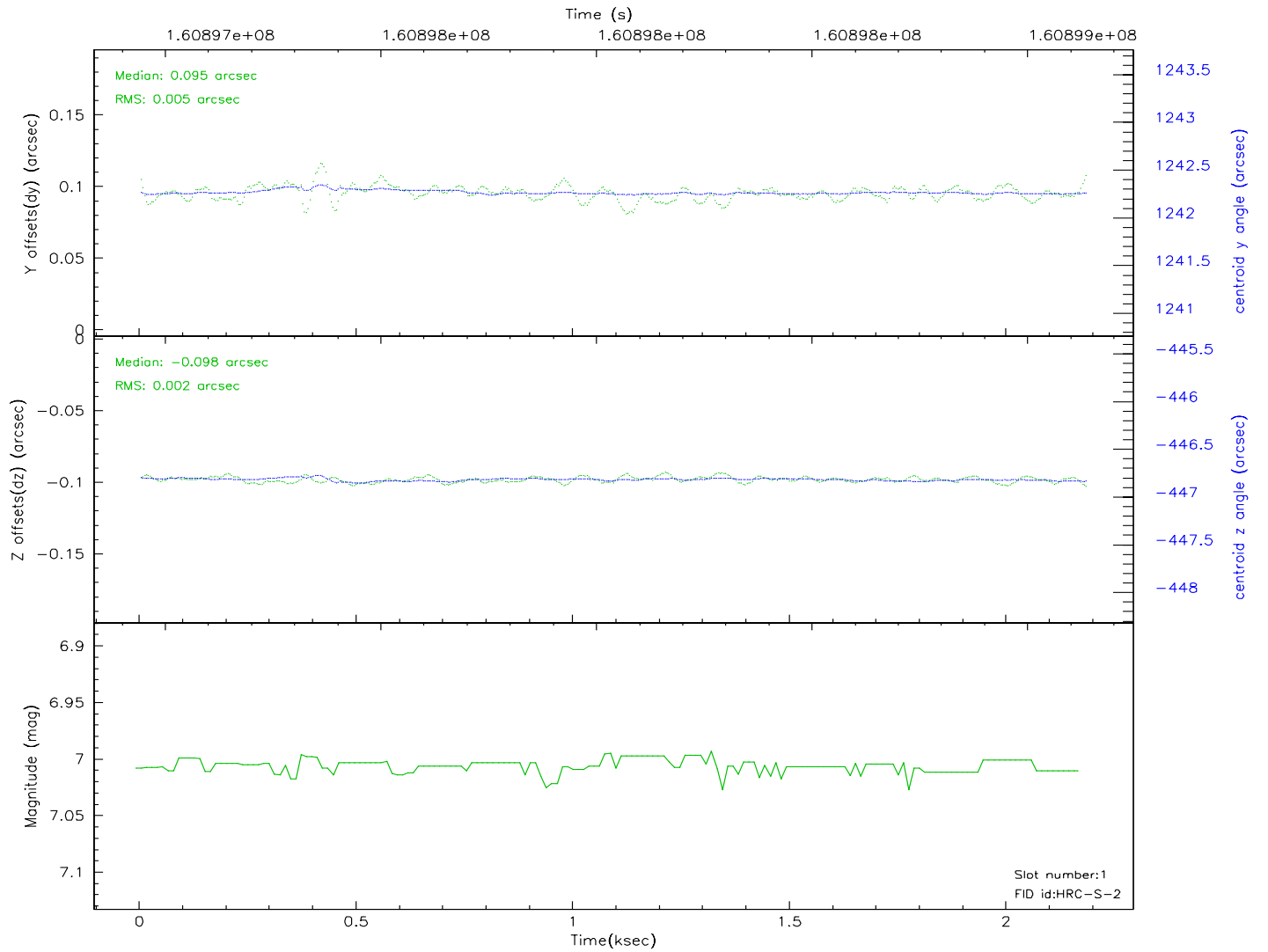
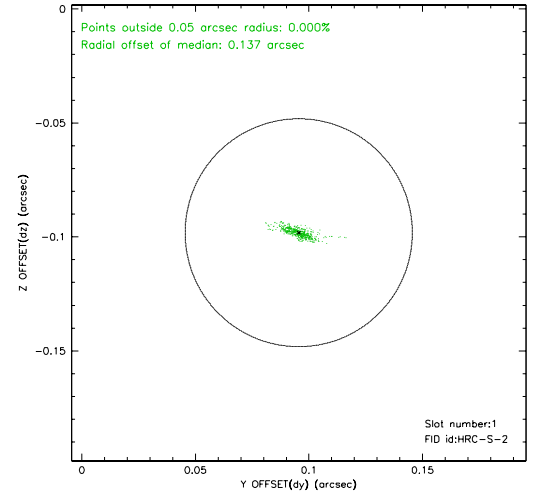
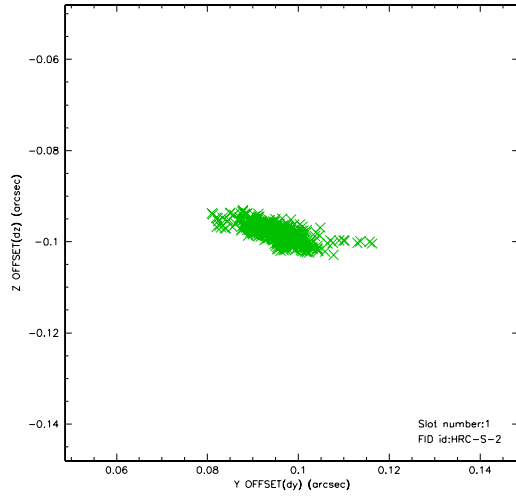


2.5 FID Slots

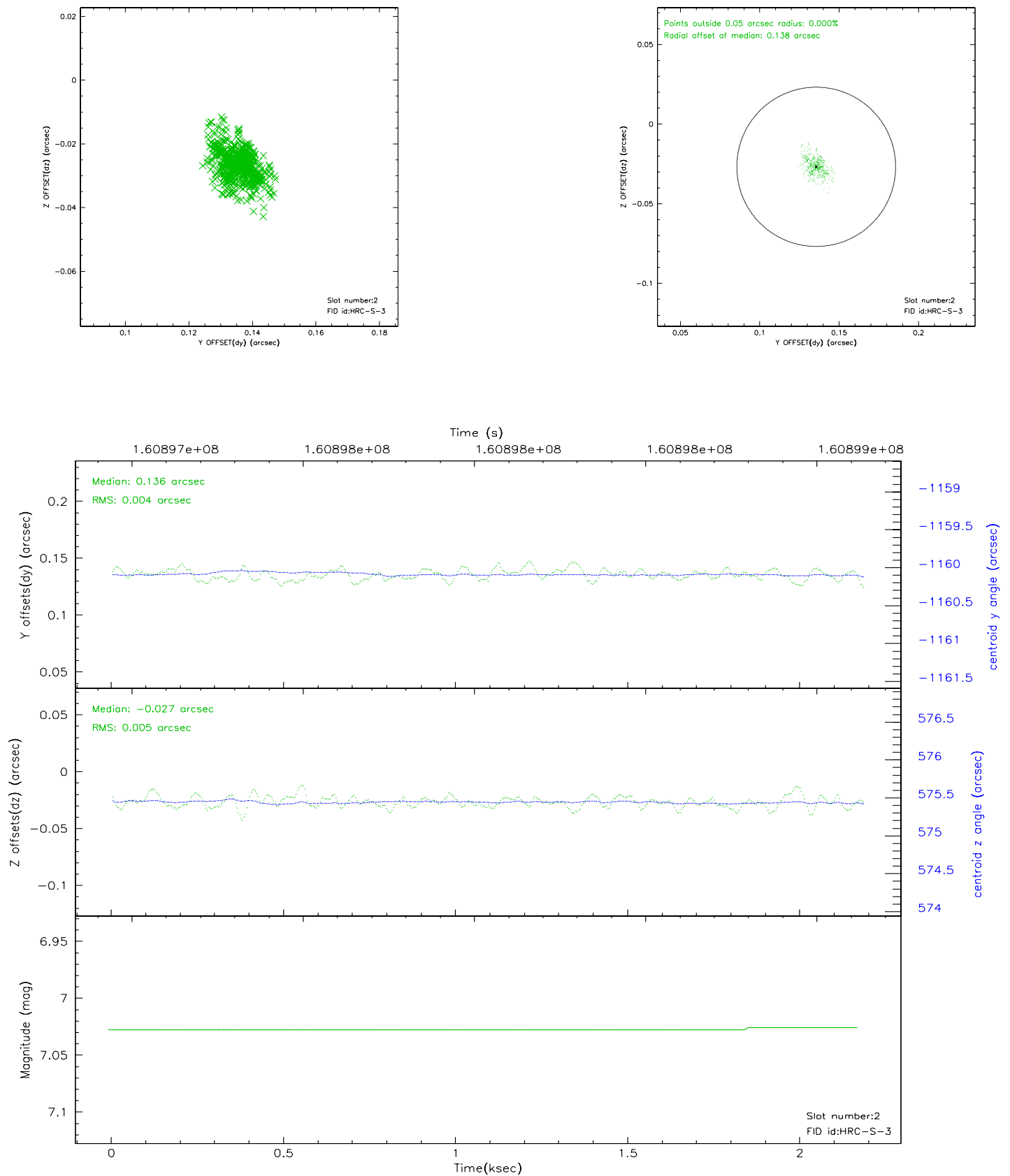
2.5.1 Slot 0



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)	2006.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.142

A.2 Comments

Window constraint met.

The chip is off-axis, and the target is on the edge of the chip.