

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4318 - L2 Version 001
Chandra X-Ray Center

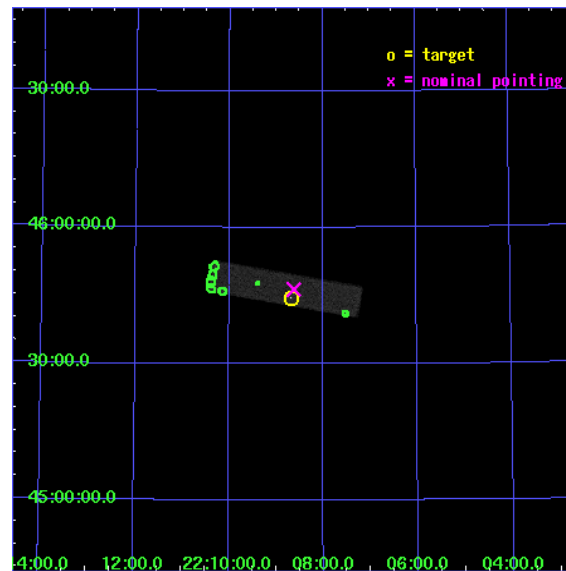
L2 Processing Date : Jul 7 2006

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

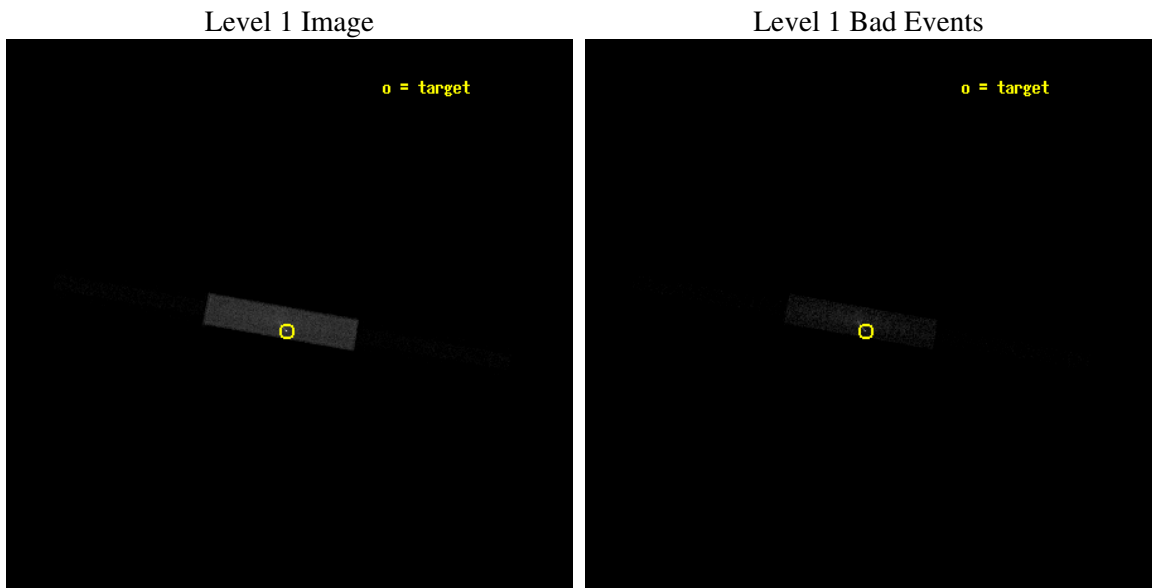
seq_num	290278
obs_id	4318
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.15510518859
dec_nom	45.773252132103
roll_nom	189.86214334918
revision	2
ontime	1143.1312989295
livetime	1137.4007185345
l2events	37971



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	2006-07-07T21:05:01
revision	2

sched_exp_time	1000.000000
ontime	1186.9500508308
l1events	66494

2.1.3 Events

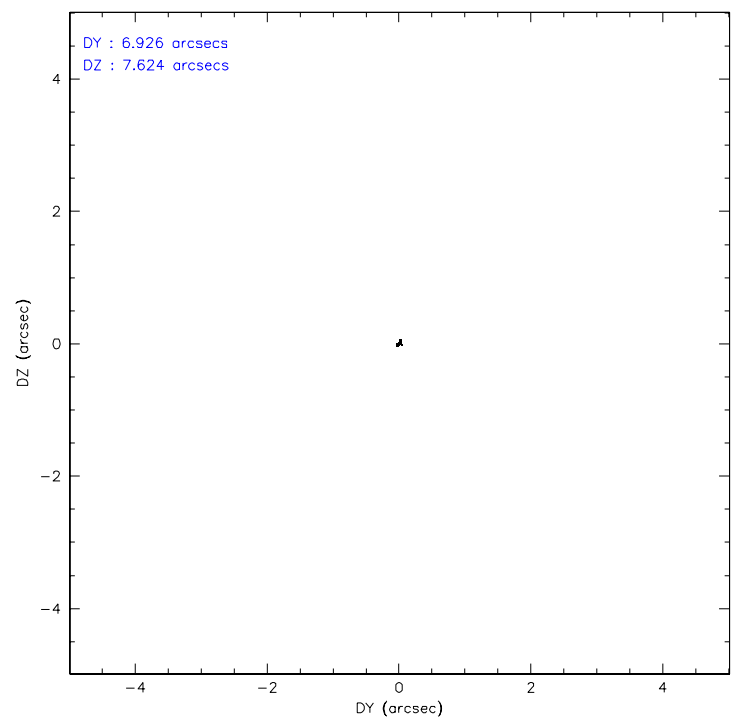
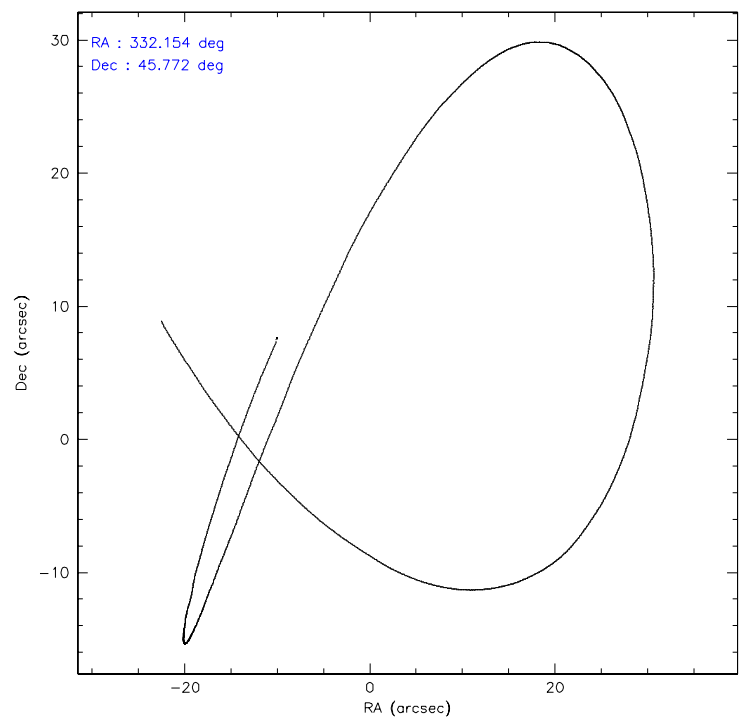
Level 1 Events

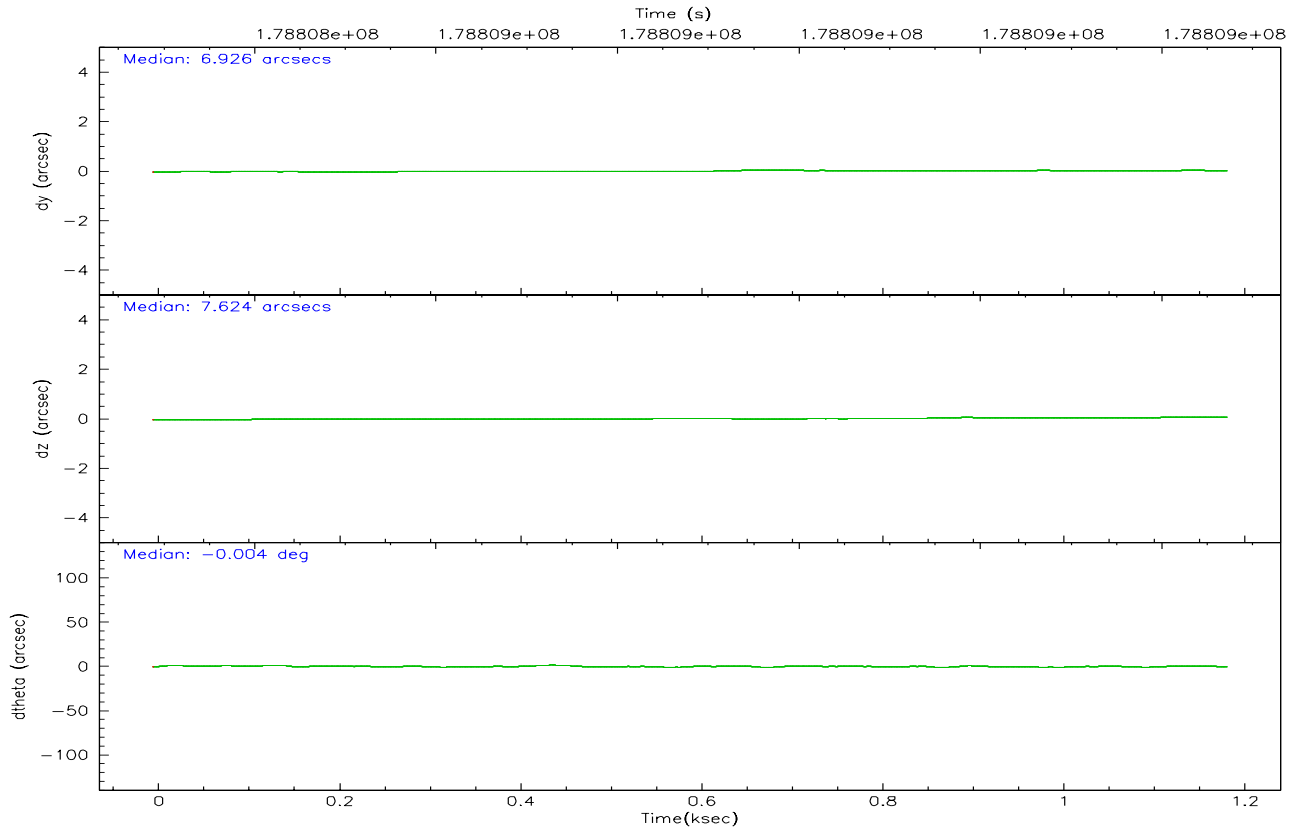
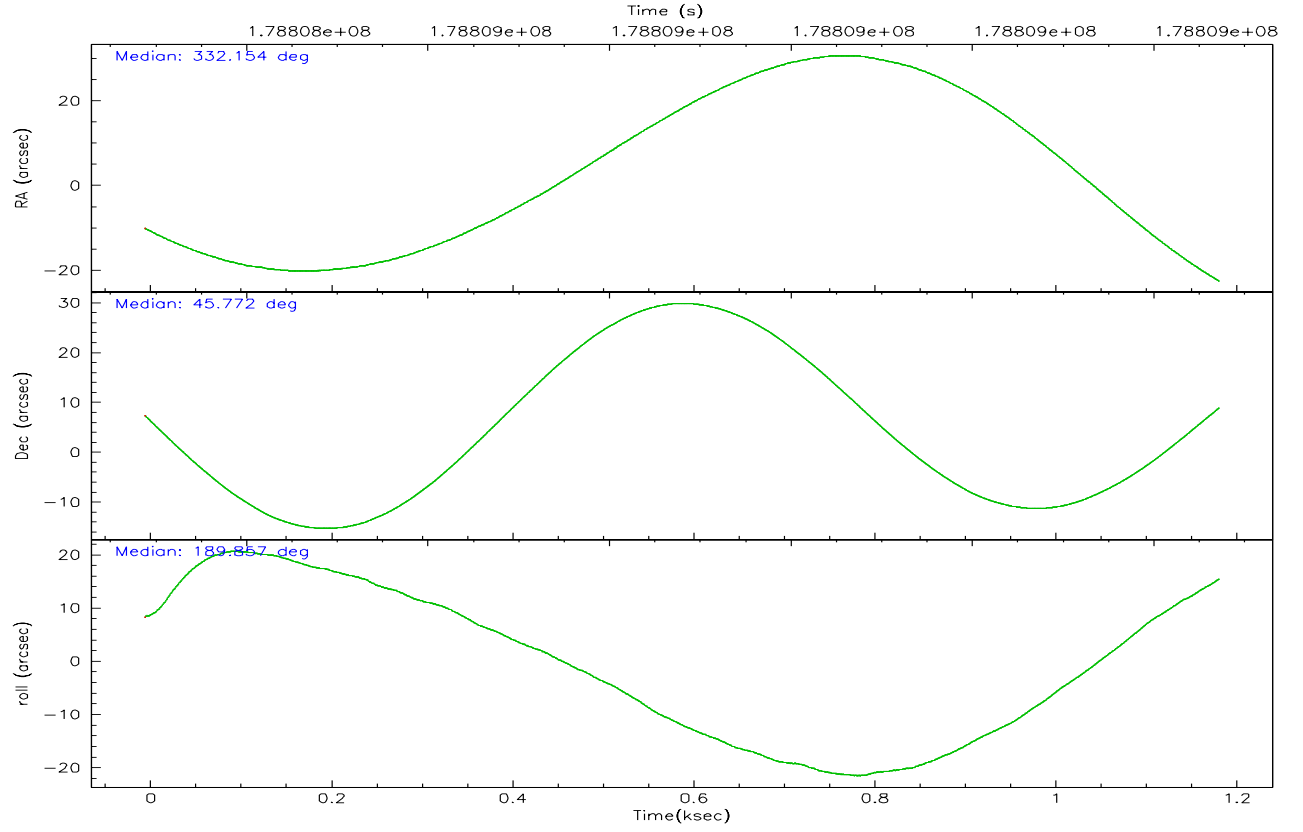
	segment 1	segment 2	segment 3
level 1 events	1062	64407	1025
rejected events	1062	23477	1025
rejected %	100%	36%	100%

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	332.185386	332.1551051885916			
Pointing Dec	45.793873	45.77325213210314			
Pointing Roll	189.773101	189.8621433491801			
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	178808468.184000	178808092.51998			
Observation start date	2003-09-01T13:00:04	2003-09-01T12:54:52			
Observation end time	178809468.184000	178809602.34504			
Observation end date	2003-09-01T13:16:44	2003-09-01T13:20:02			

2.3 Aspect



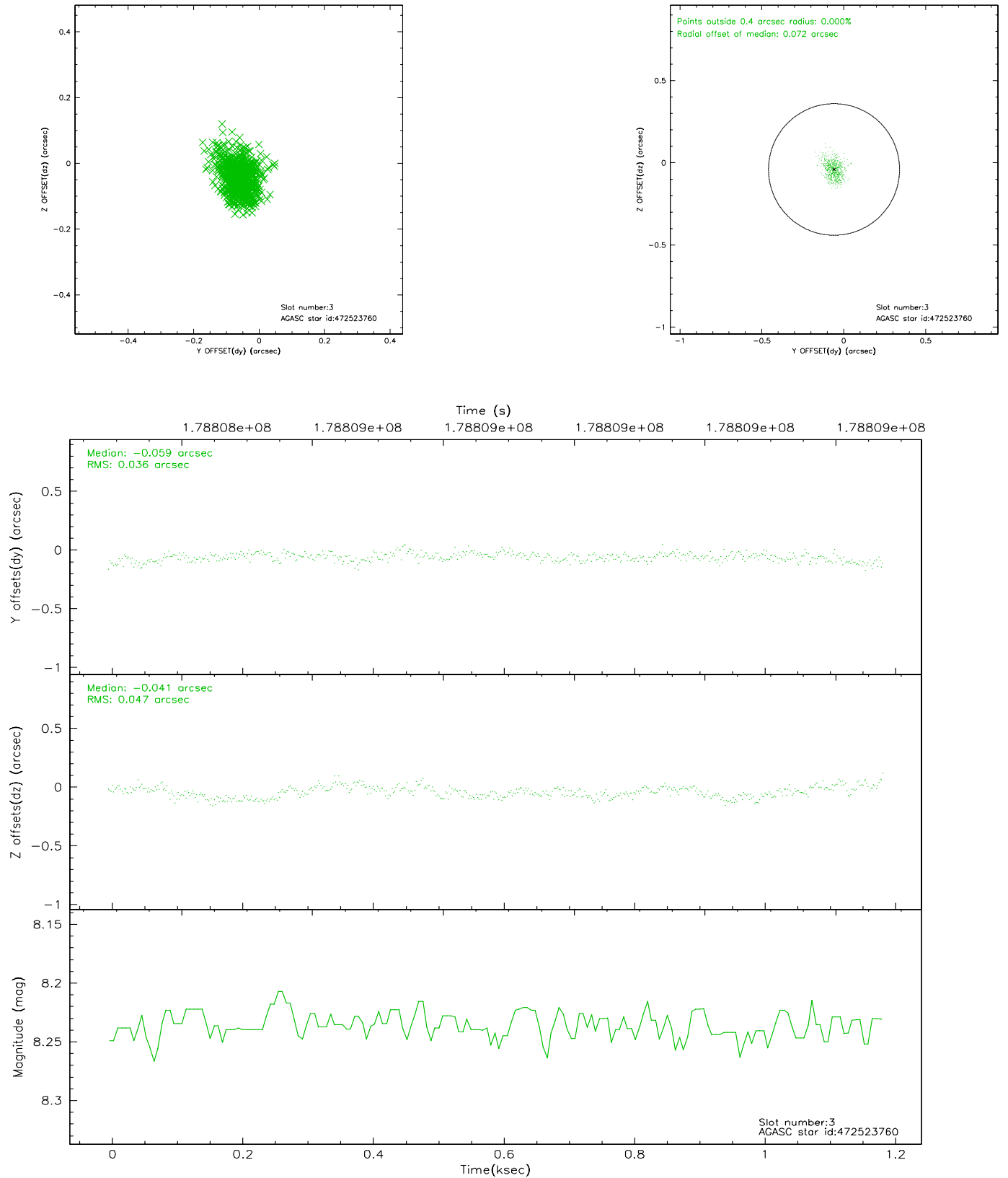


Slot Statistics

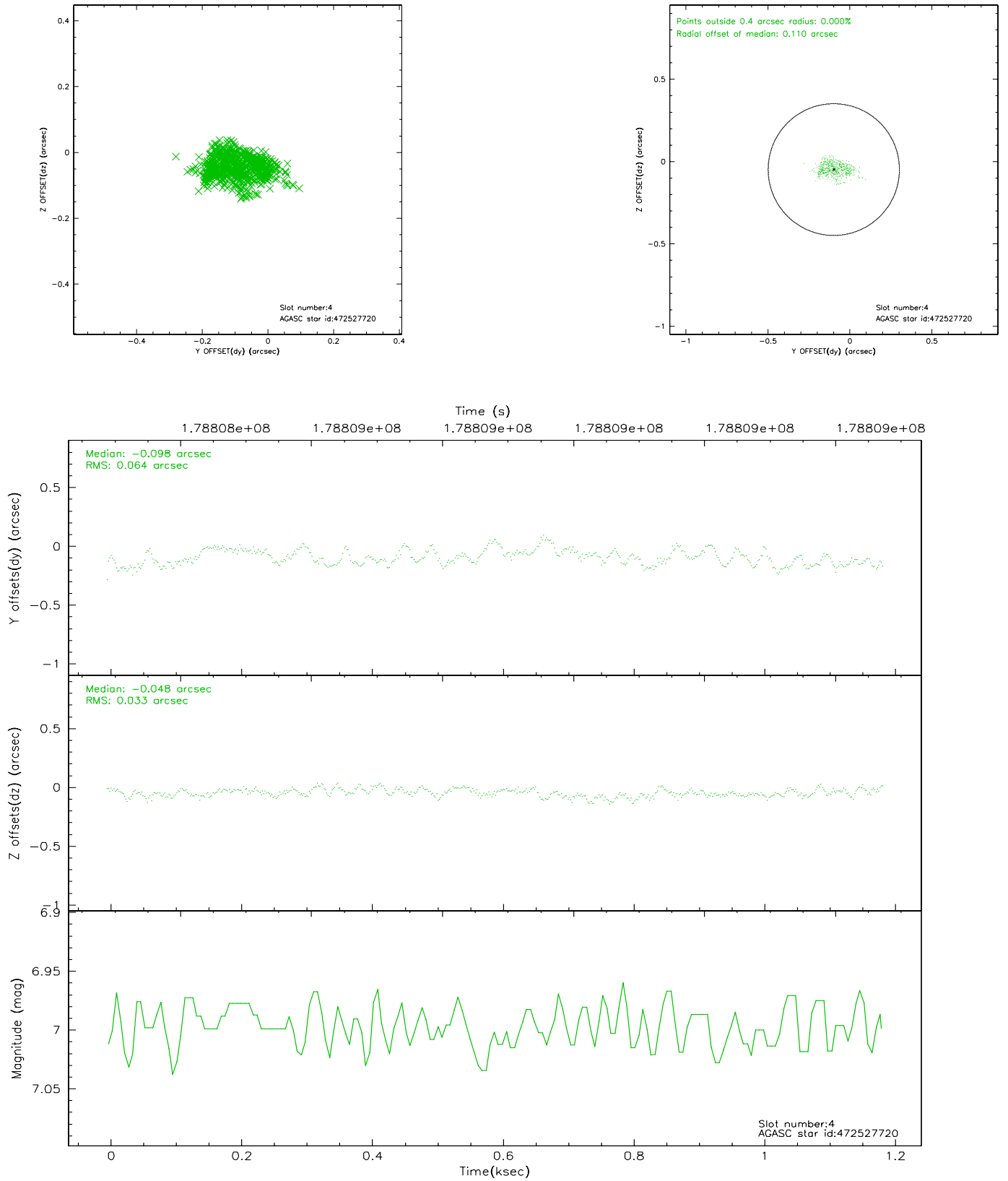
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.115	-0.110	0.006	0.011	0.000000	0.000000	-1161.10	-456.21
1	FID	HRC-S-2	7.02	290	0.156	-0.106	0.004	0.010	0.000000	0.000000	1234.62	-450.40
2	FID	HRC-S-3	7.04	290	0.118	-0.086	0.006	0.010	0.000000	0.000000	-1159.56	571.79
3	GUIDE	472523760	8.24	580	-0.059	-0.041	0.063	0.105	331.645363	45.403260	1581.98	1145.53
4	GUIDE	472527720	7.00	580	-0.098	-0.048	0.078	0.121	331.460205	45.112509	2232.16	2094.41
5	GUIDE	472533912	9.15	580	-0.040	-0.010	0.113	0.180	331.791136	46.368695	616.55	-2208.49
6	GUIDE	472655152	9.44	580	0.085	0.077	0.106	0.169	332.504239	45.862991	-830.08	-119.06
7	GUIDE	472659832	9.47	579	0.097	0.028	0.137	0.223	332.780399	46.098139	-1652.86	-837.35

2.4 Star Slots

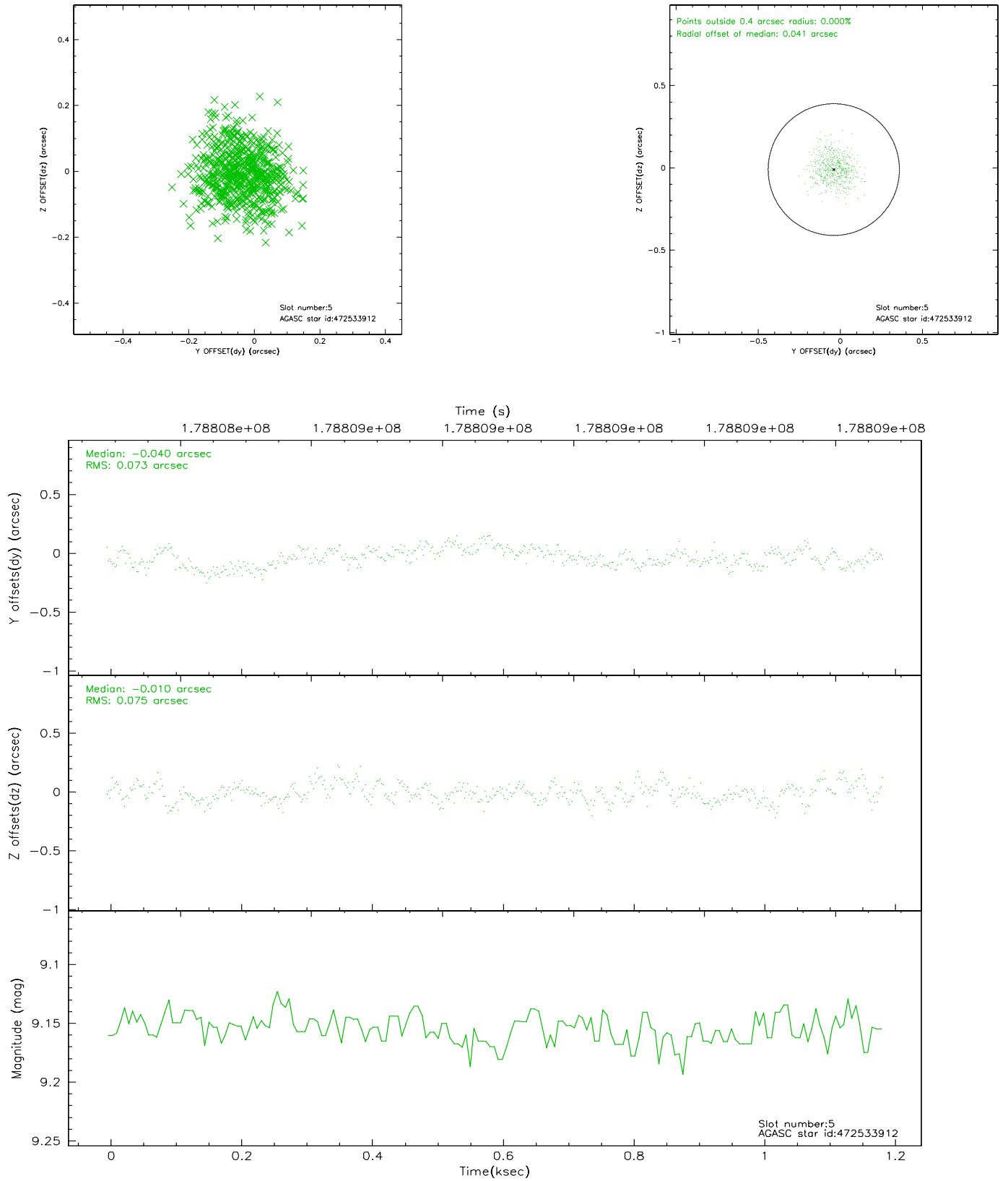
2.4.1 Slot 3



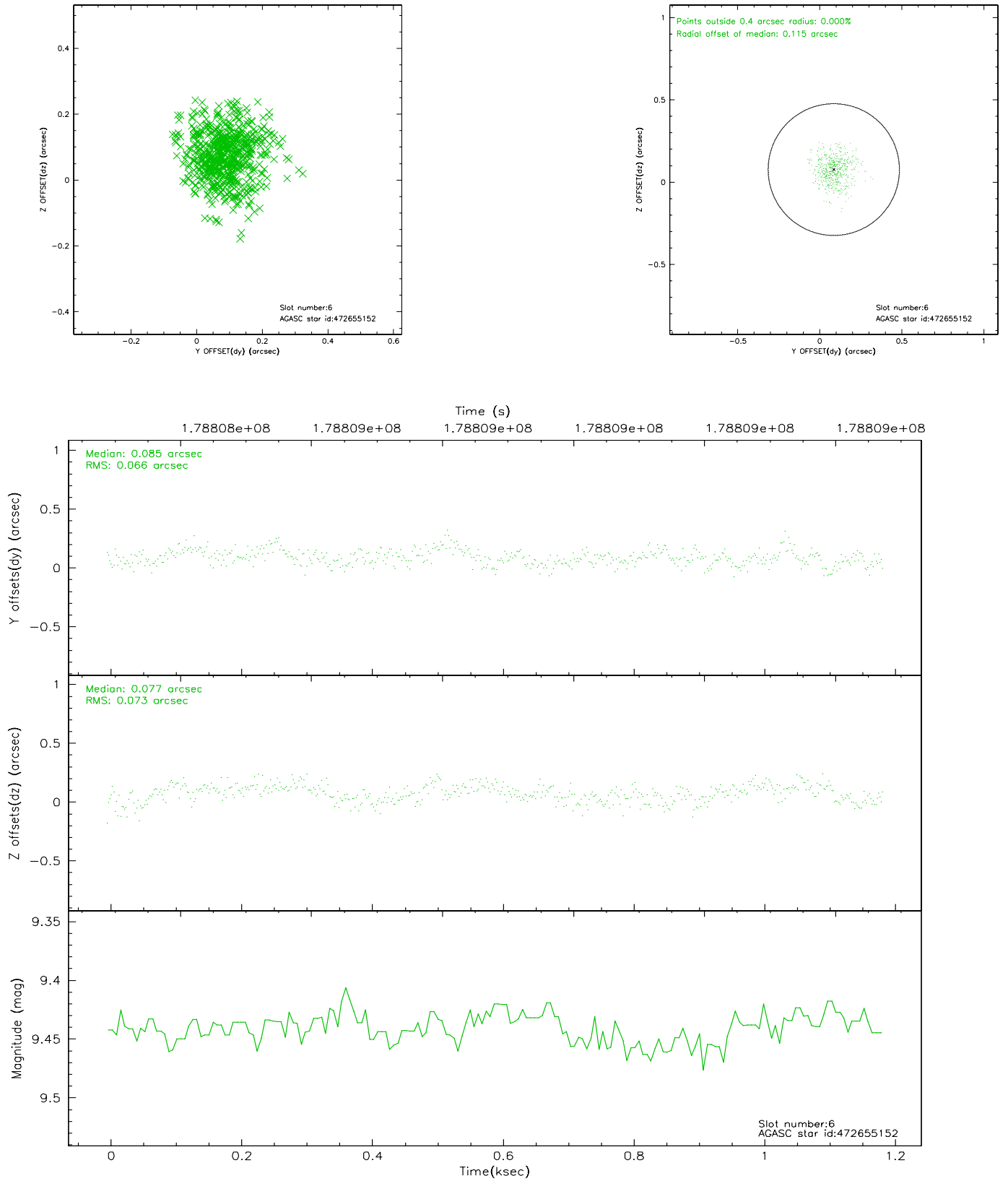
2.4.2 Slot 4



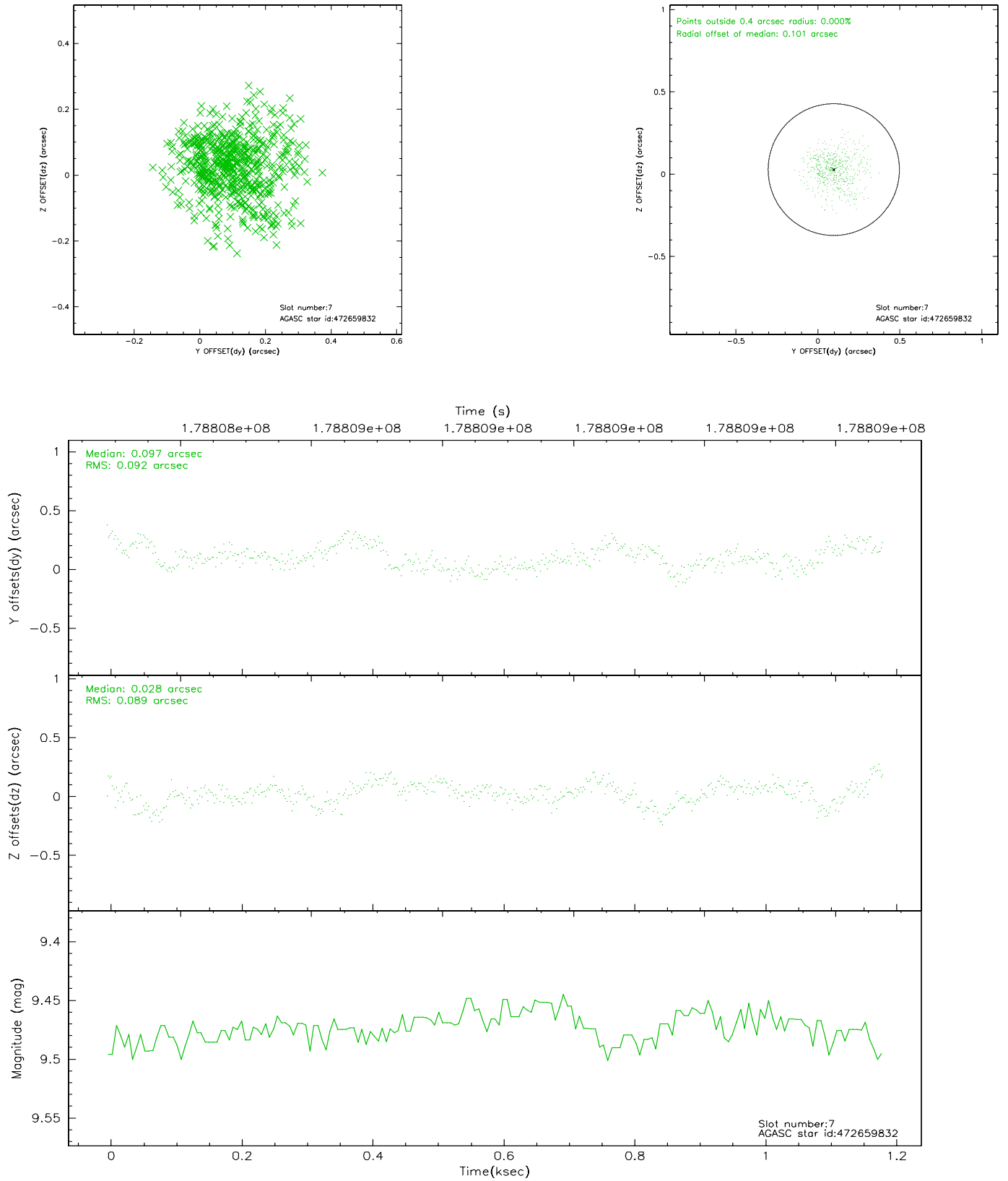
2.4.3 Slot 5



2.4.4 Slot 6

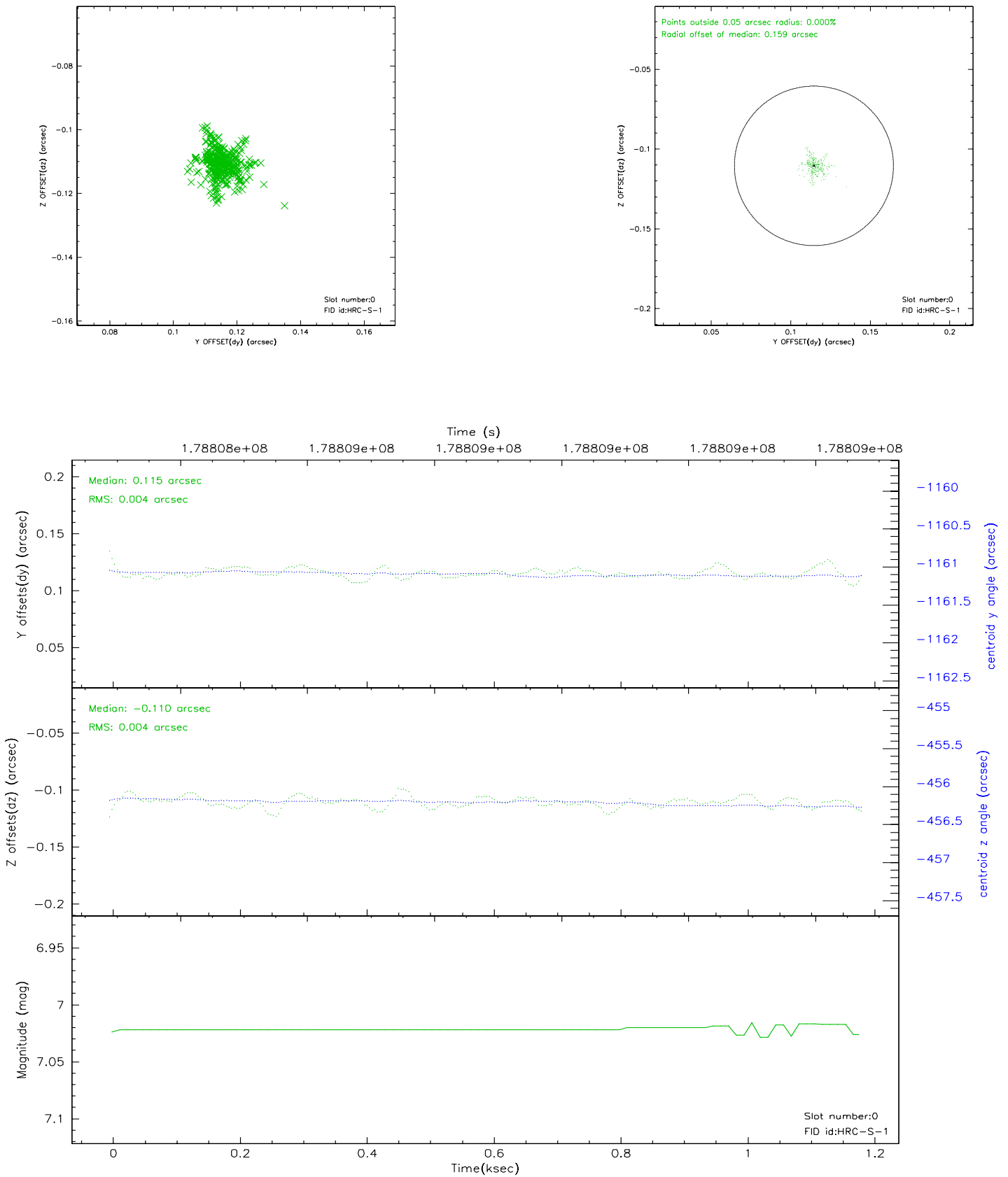


2.4.5 Slot 7

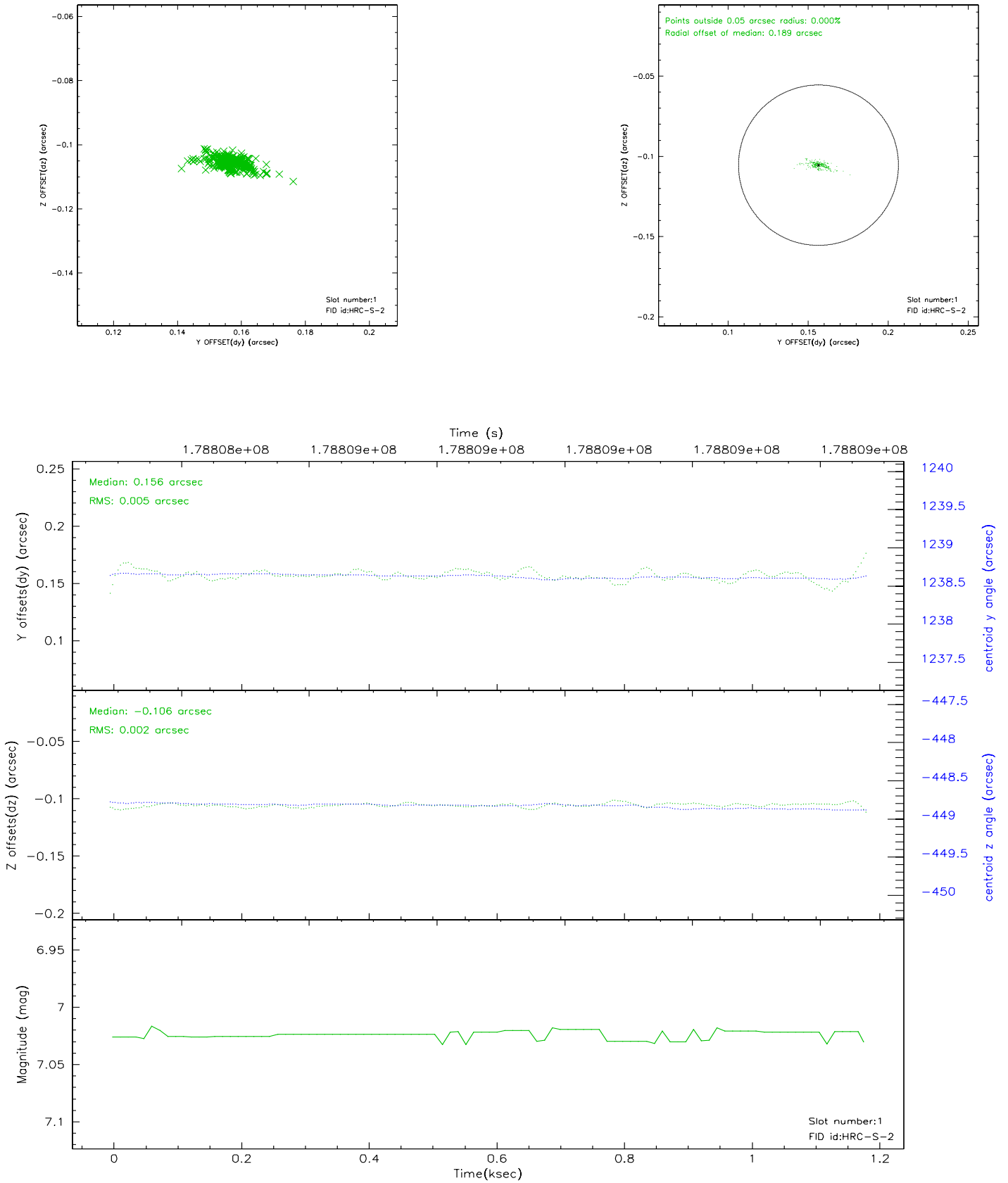


2.5 FID Slots

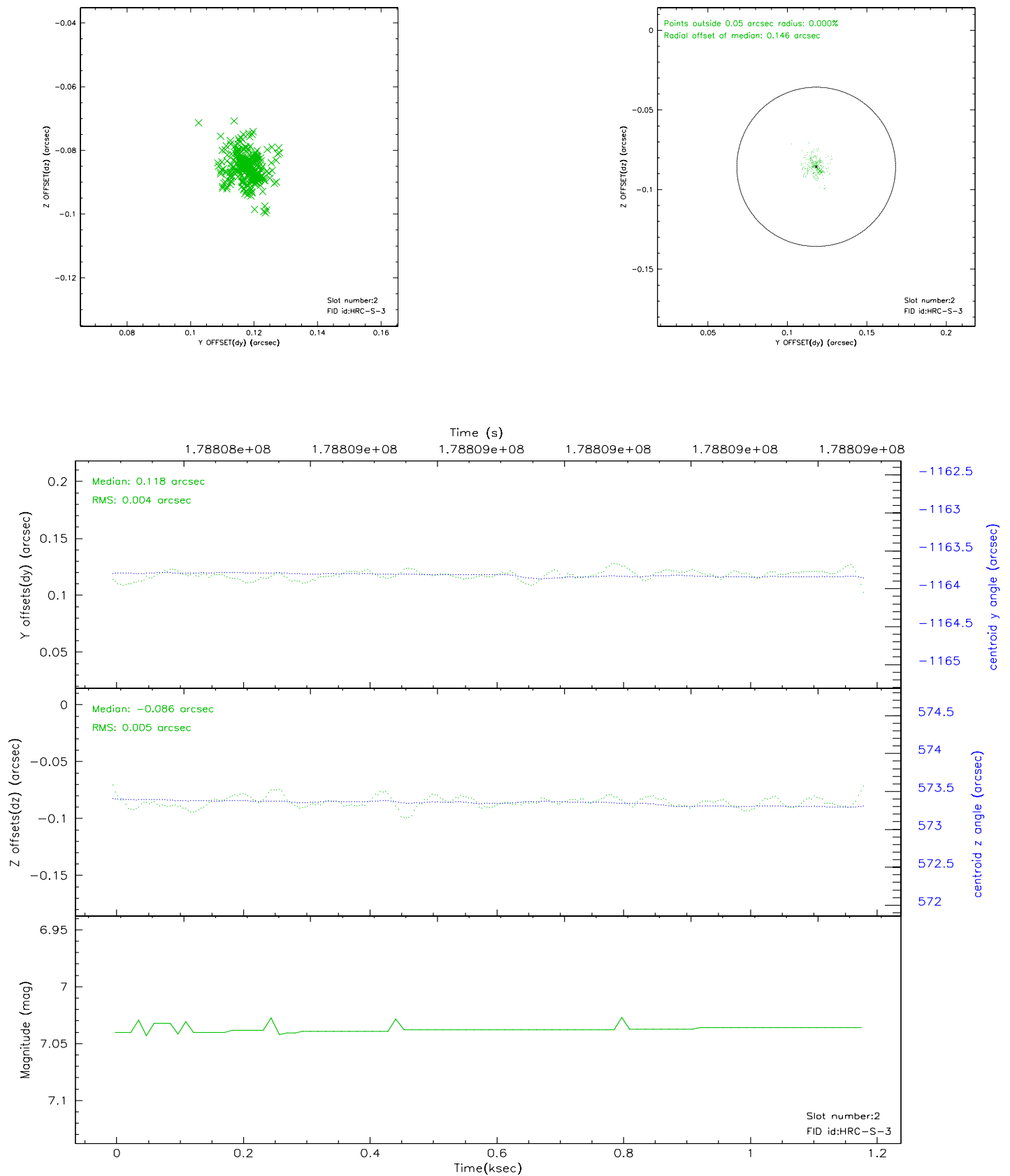
2.5.1 Slot 0



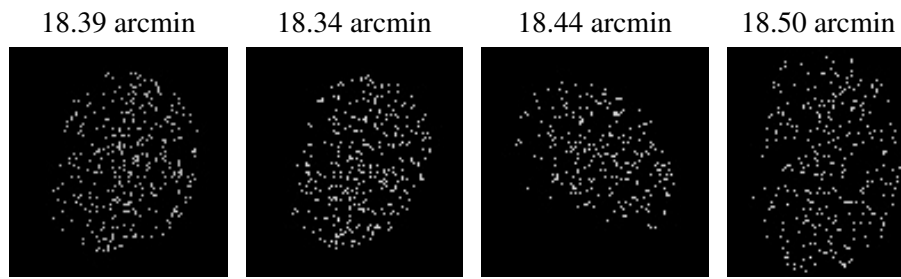
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.143

A.2 Comments

Monitor constraint met.