

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4328 - L2 Version 001
Chandra X-Ray Center

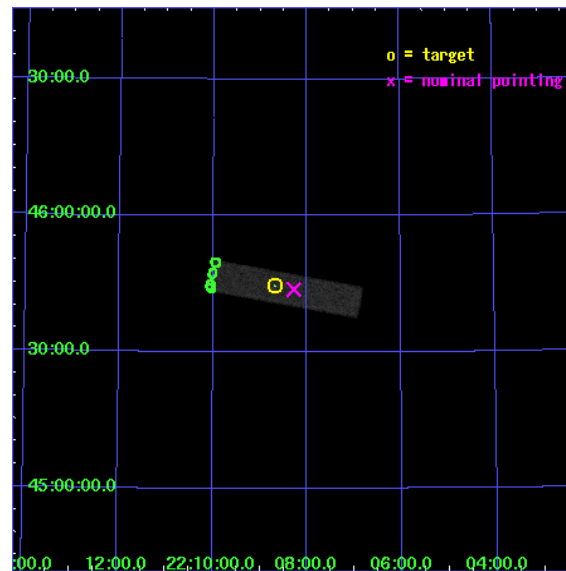
L2 Processing Date : Jul 7 2006

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

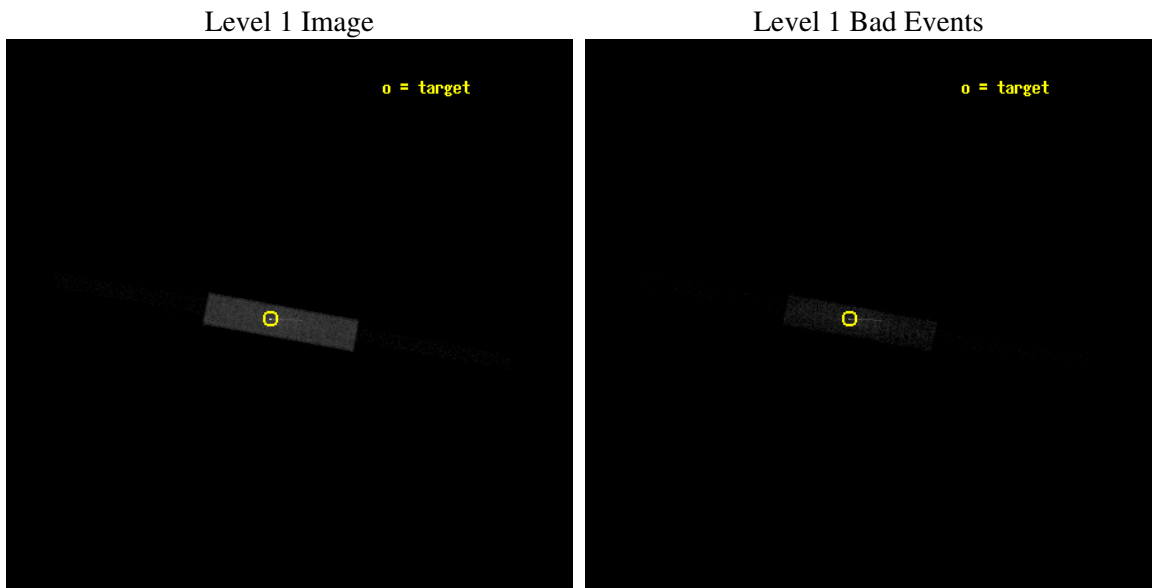
seq_num	290288
obs_id	4328
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.06917700888
dec_nom	45.730528142409
roll_nom	190.17199955961
revision	2
ontime	1143.1312989593
livetime	1137.2944890038
l2events	39296



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	2006-07-07T23:10:19
revision	2

sched_exp_time	1000.000000
ontime	1187.2063008547
l1events	68349

2.1.3 Events

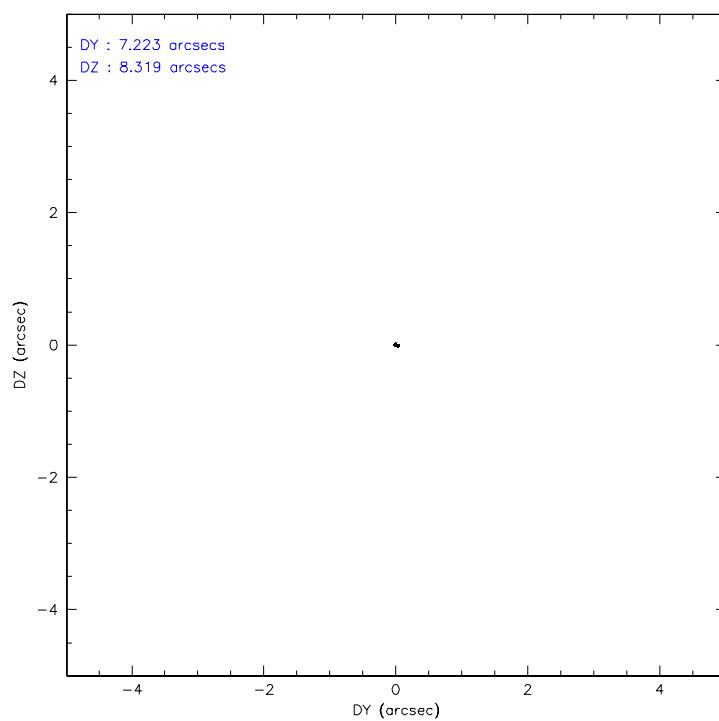
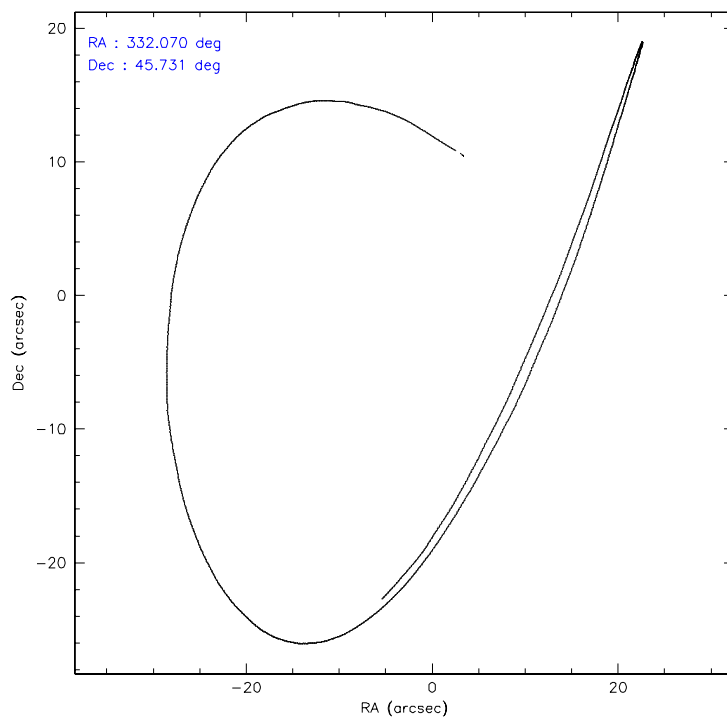
Level 1 Events

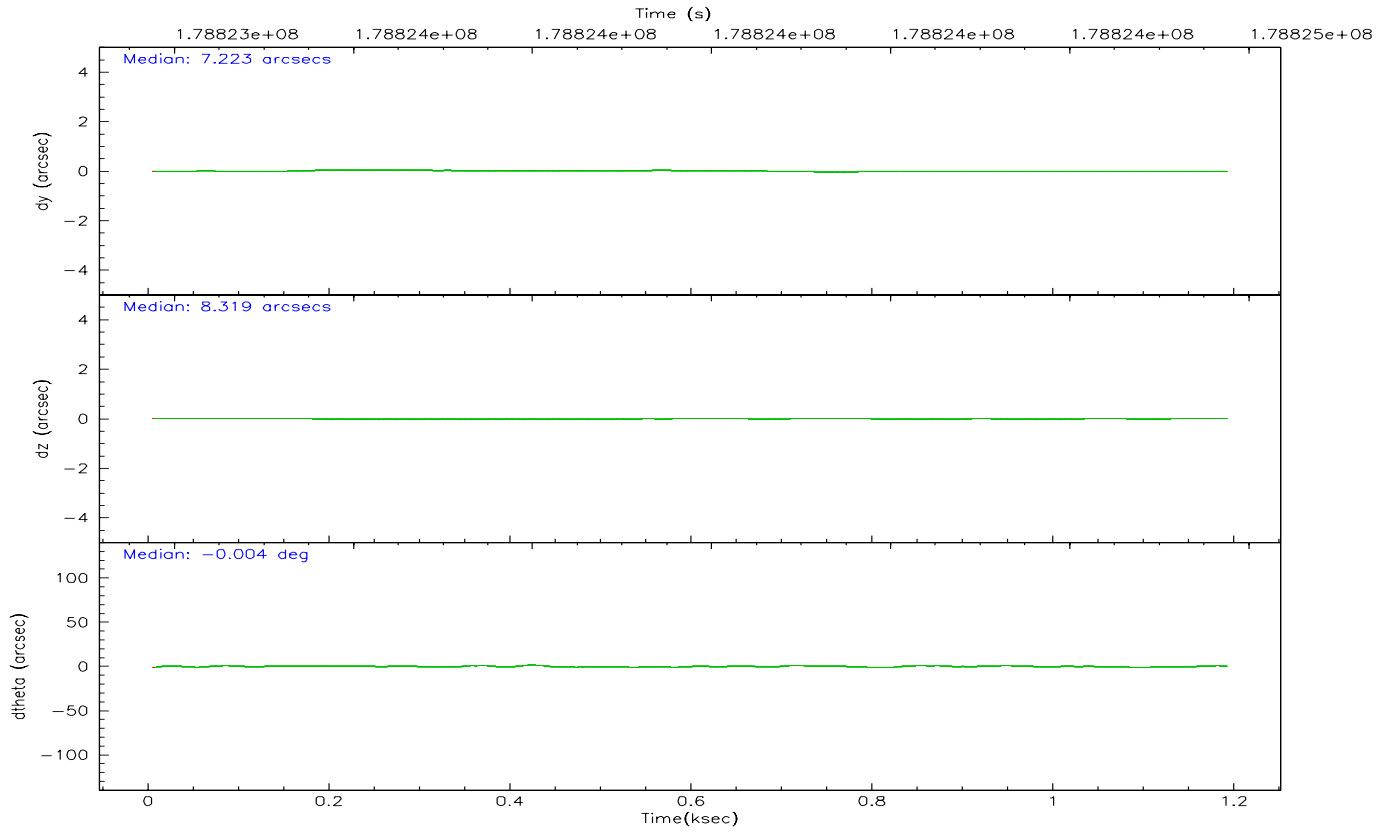
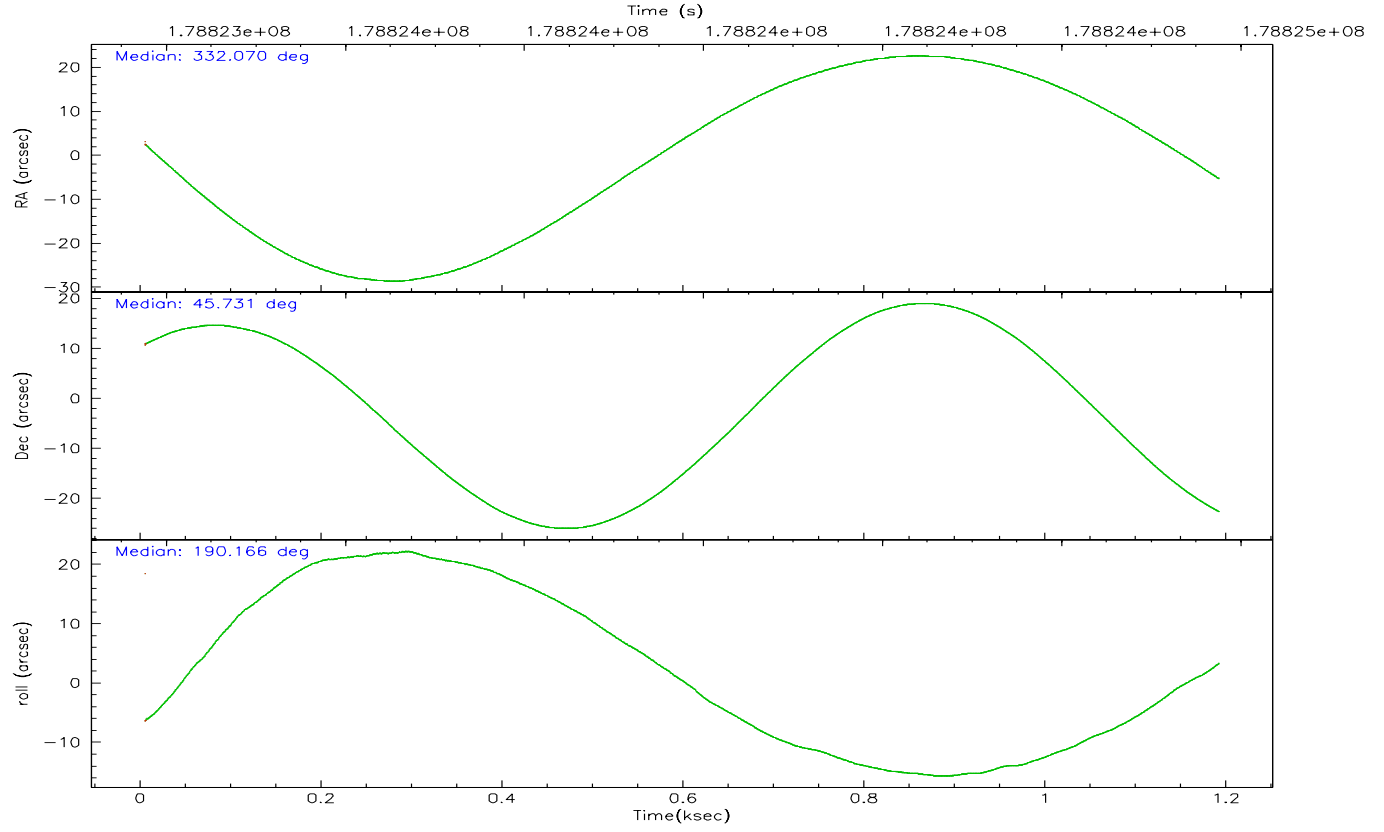
	segment 1	segment 2	segment 3
level 1 events	1020	66275	1054
rejected events	1020	24065	1054
rejected %	100%	36%	100%

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	332.099295	332.0691770088814			
Pointing Dec	45.749470	45.73052814240879			
Pointing Roll	190.083100	190.1719995596069			
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	178823568.184000	178823192.82063			
Observation start date	2003-09-01T17:11:44	2003-09-01T17:06:32			
Observation end time	178824568.184000	178824702.64569			
Observation end date	2003-09-01T17:28:24	2003-09-01T17:31:42			

2.3 Aspect



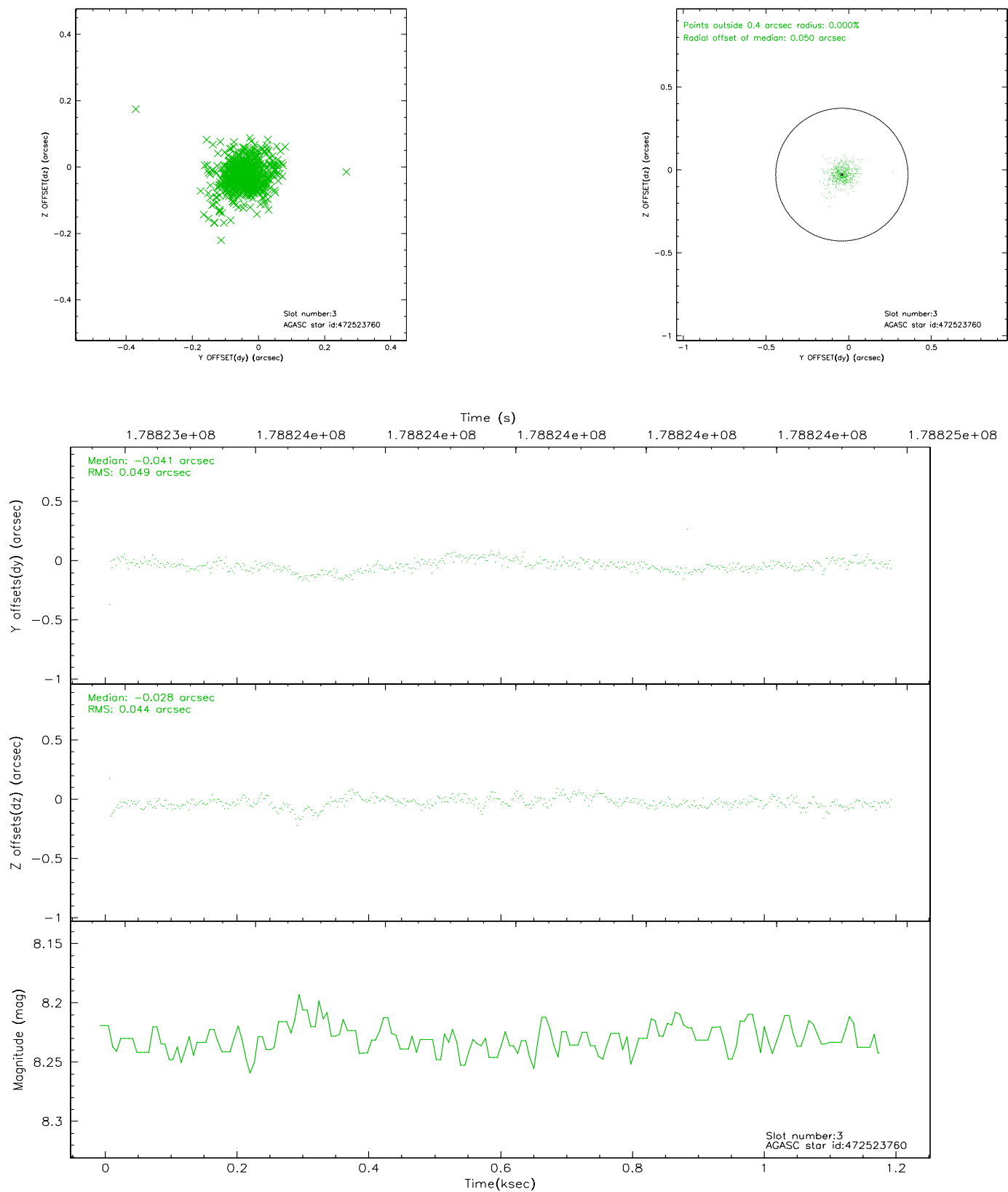


Slot Statistics

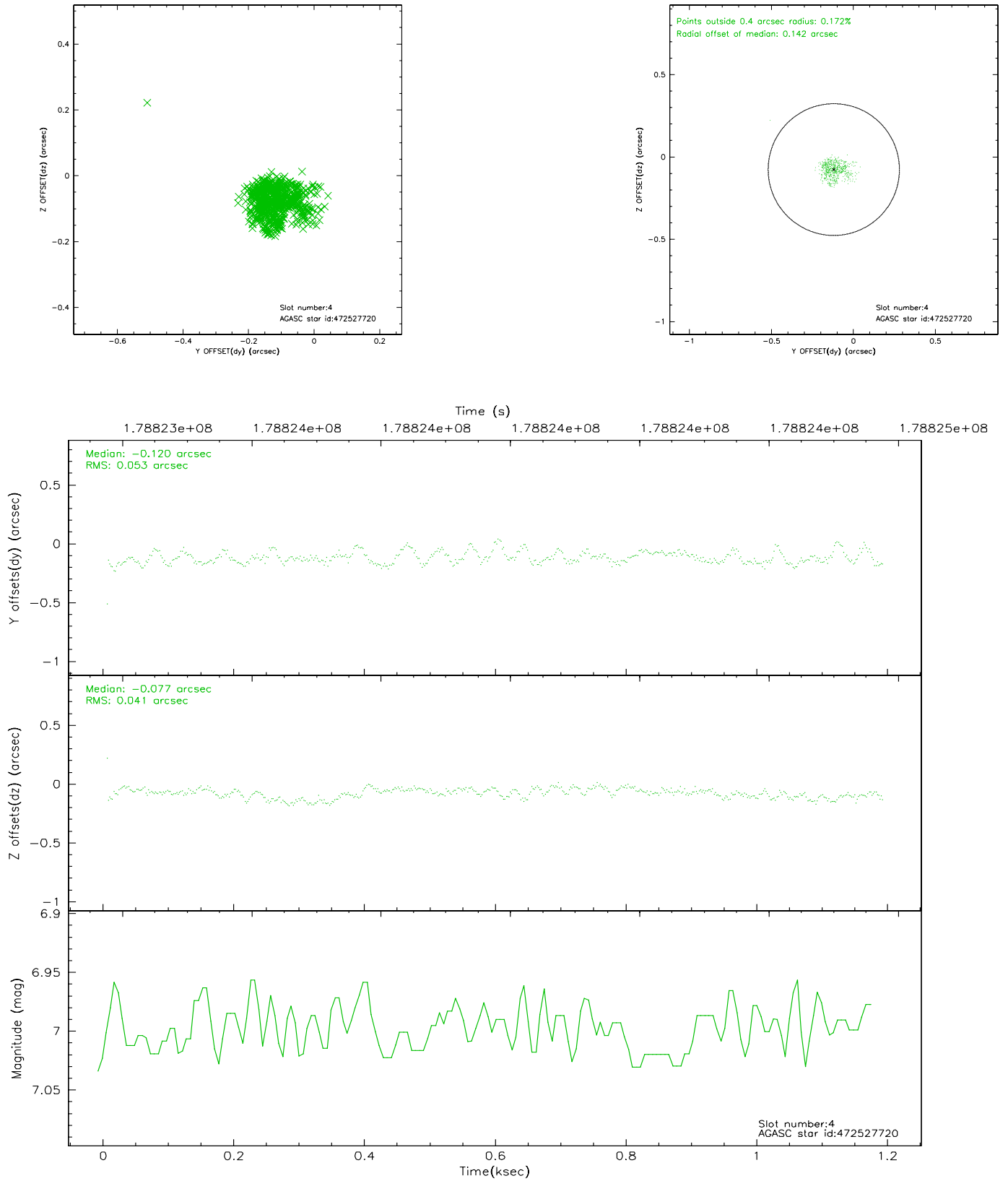
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.125	-0.122	0.006	0.012	0.000000	0.000000	-1161.39	-456.92
1	FID	HRC-S-2	7.02	290	0.155	-0.109	0.005	0.009	0.000000	0.000000	1234.31	-451.12
2	FID	HRC-S-3	7.03	290	0.109	-0.071	0.006	0.014	0.000000	0.000000	-1159.88	571.10
3	GUIDE	472523760	8.23	580	-0.041	-0.028	0.063	0.120	331.645363	45.403260	1347.37	1025.37
4	GUIDE	472527720	7.00	580	-0.120	-0.077	0.069	0.109	331.460205	45.112509	2001.19	1971.16
5	GUIDE	472533912	9.15	579	0.016	-0.012	0.113	0.180	331.791136	46.368695	367.04	-2324.63
6	GUIDE	472655152	9.44	579	0.095	0.046	0.092	0.147	332.504239	45.862991	-1070.57	-229.01
7	GUIDE	472659832	9.46	579	0.040	0.058	0.099	0.164	332.780399	46.098139	-1896.56	-943.57

2.4 Star Slots

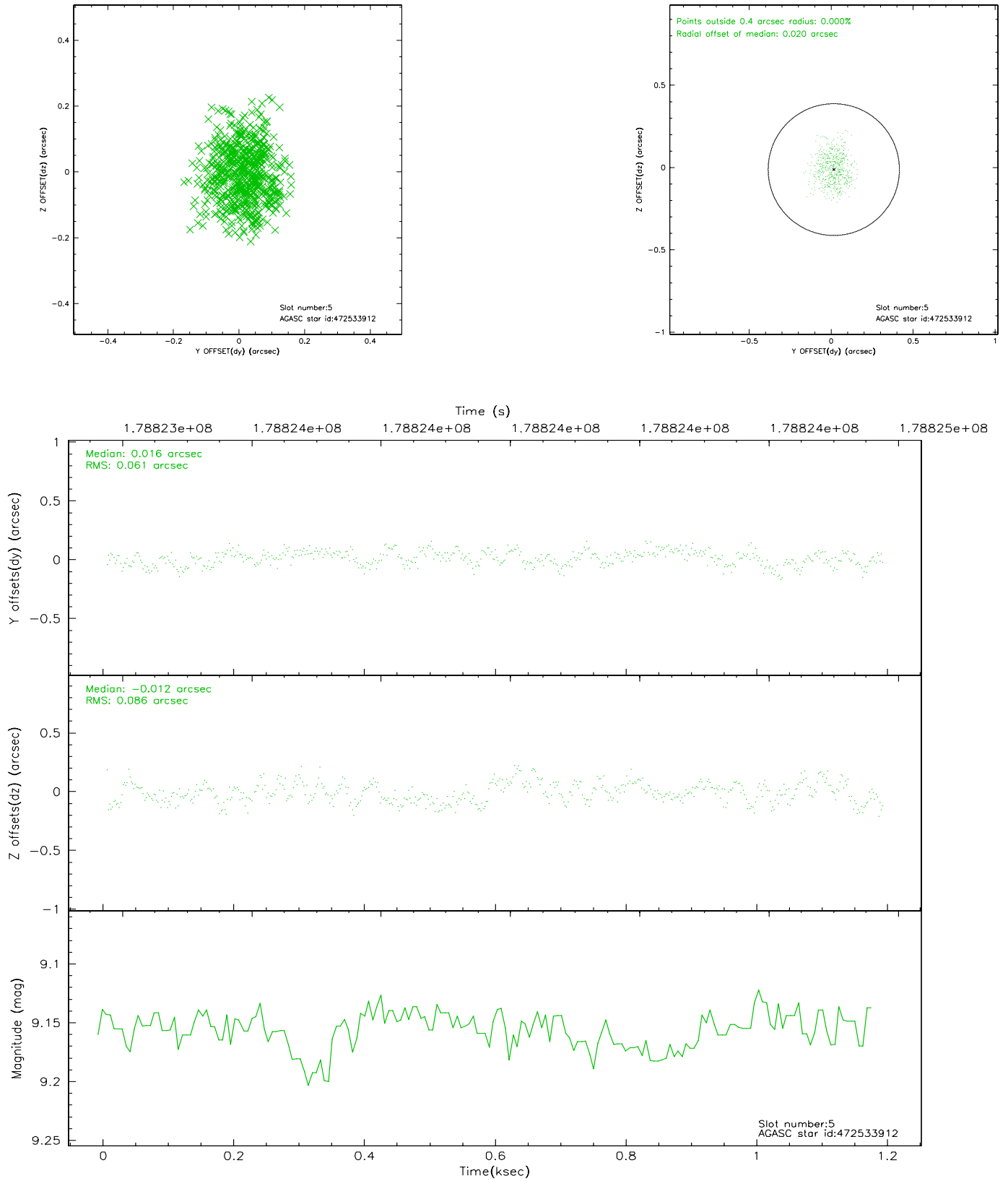
2.4.1 Slot 3



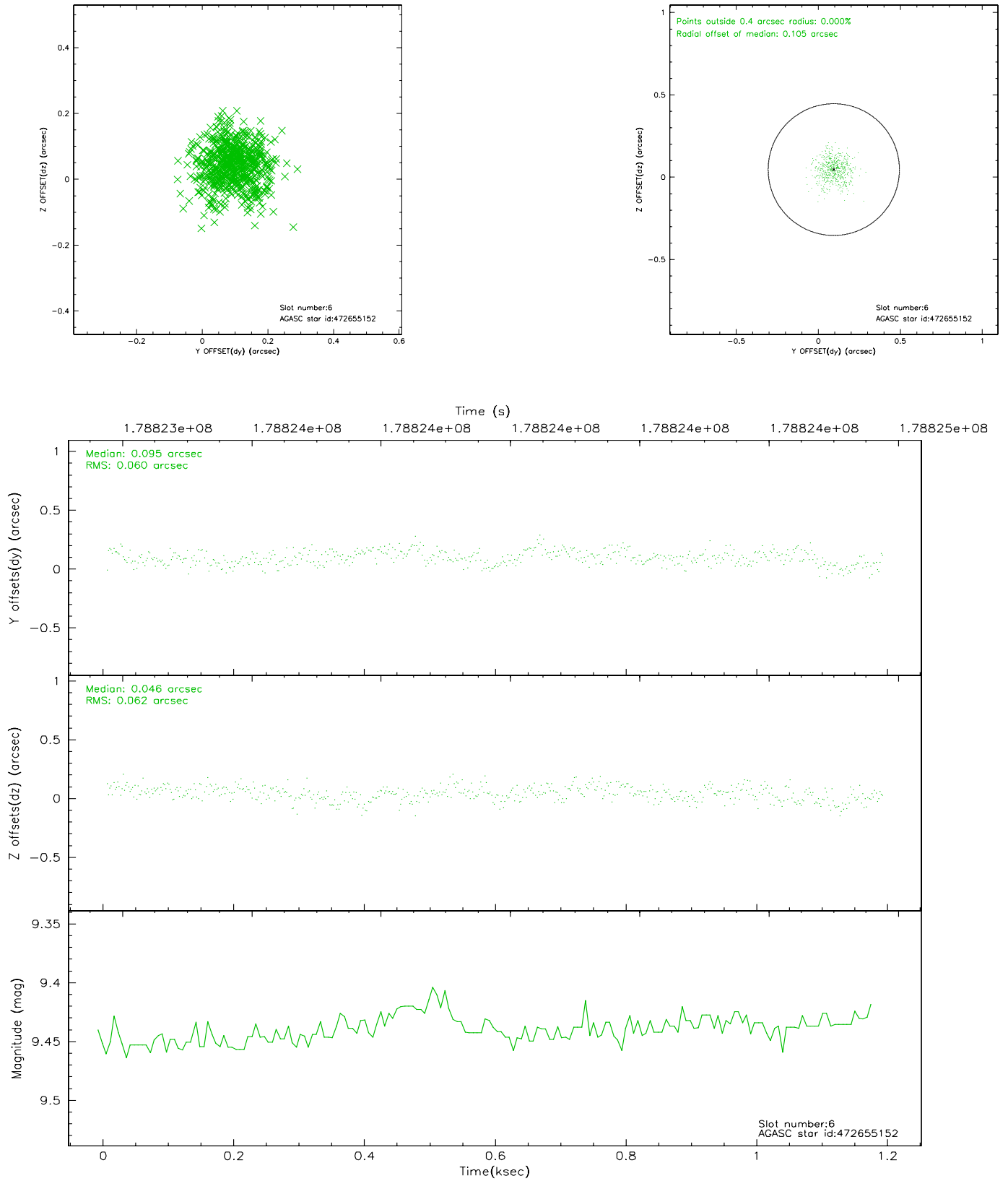
2.4.2 Slot 4



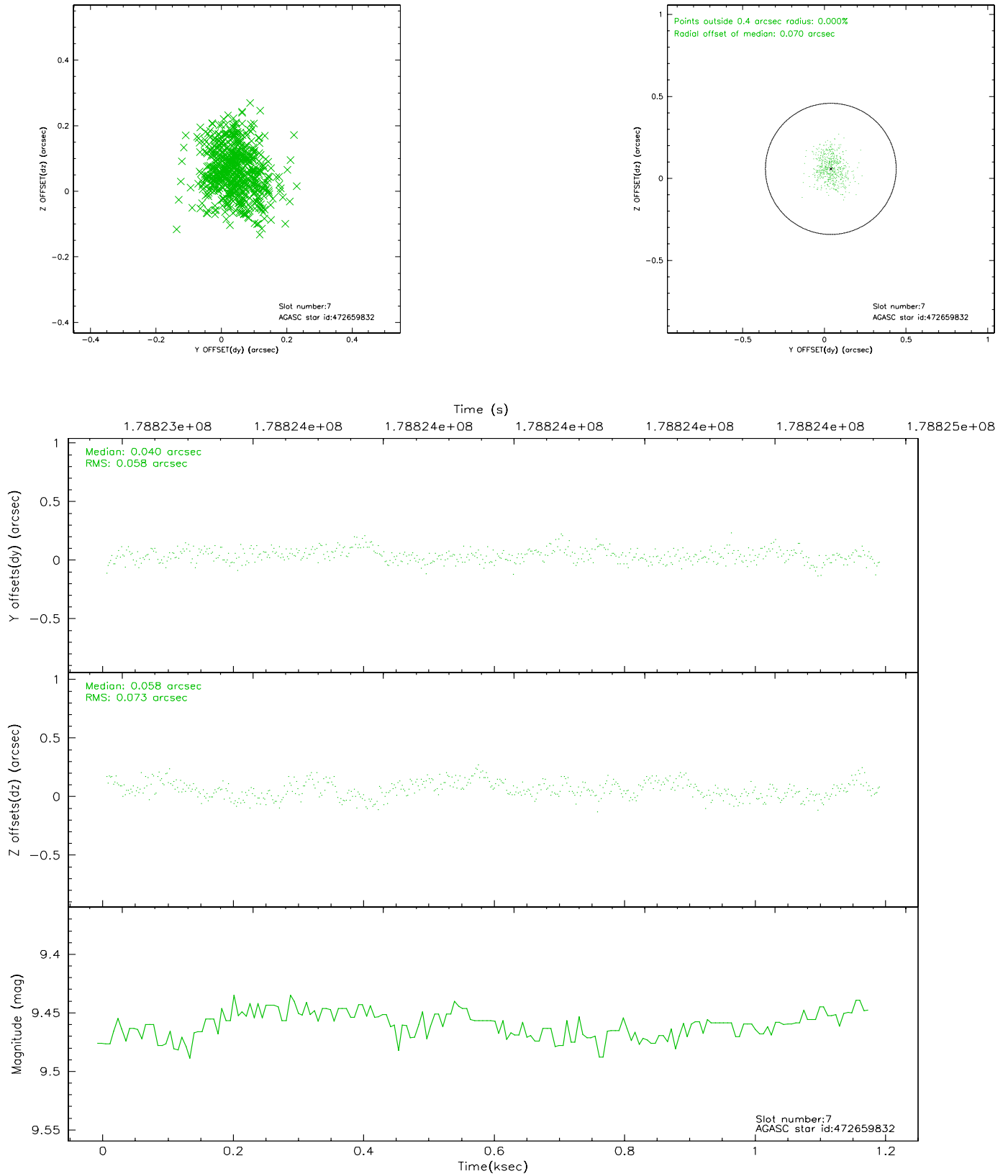
2.4.3 Slot 5



2.4.4 Slot 6

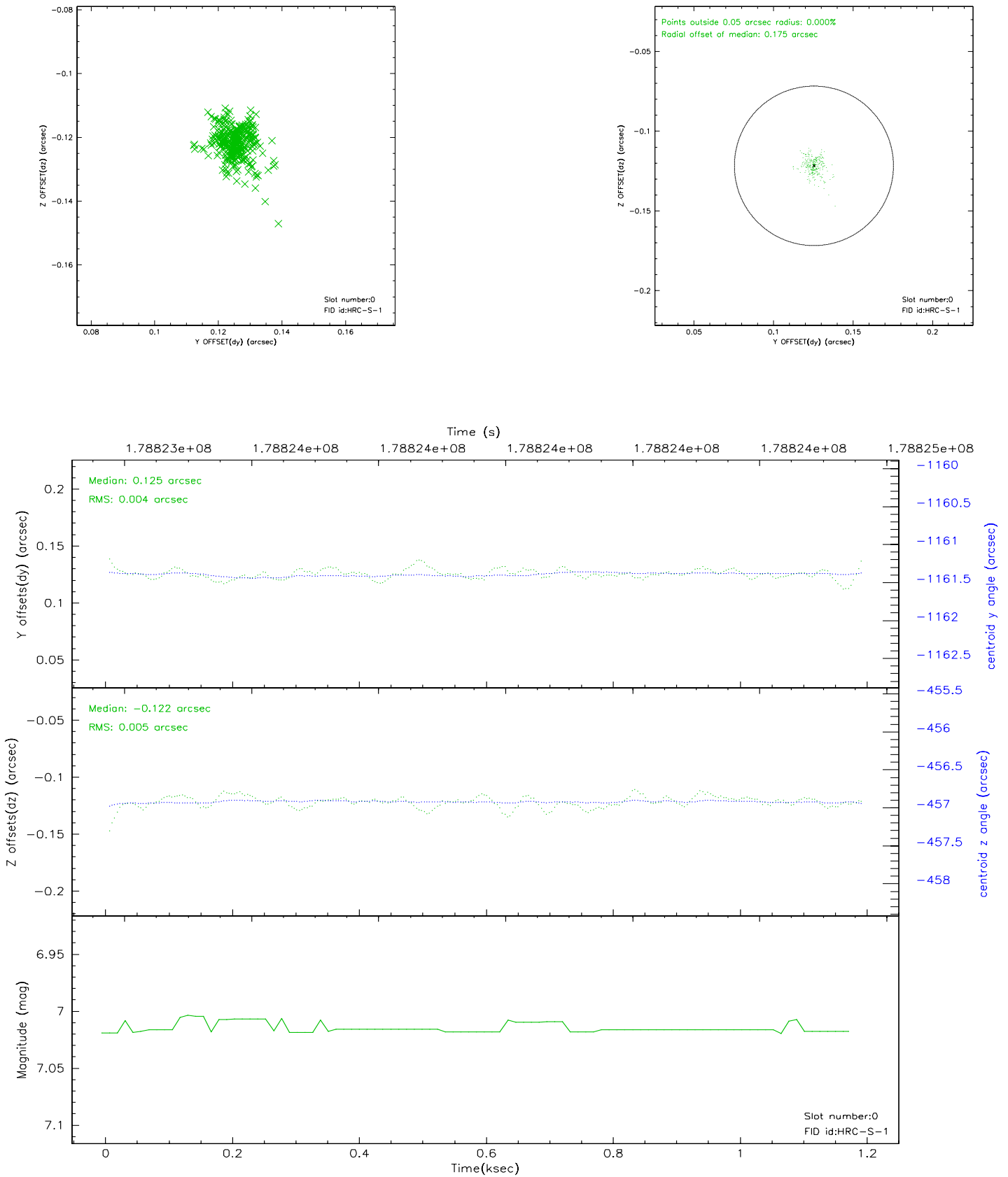


2.4.5 Slot 7

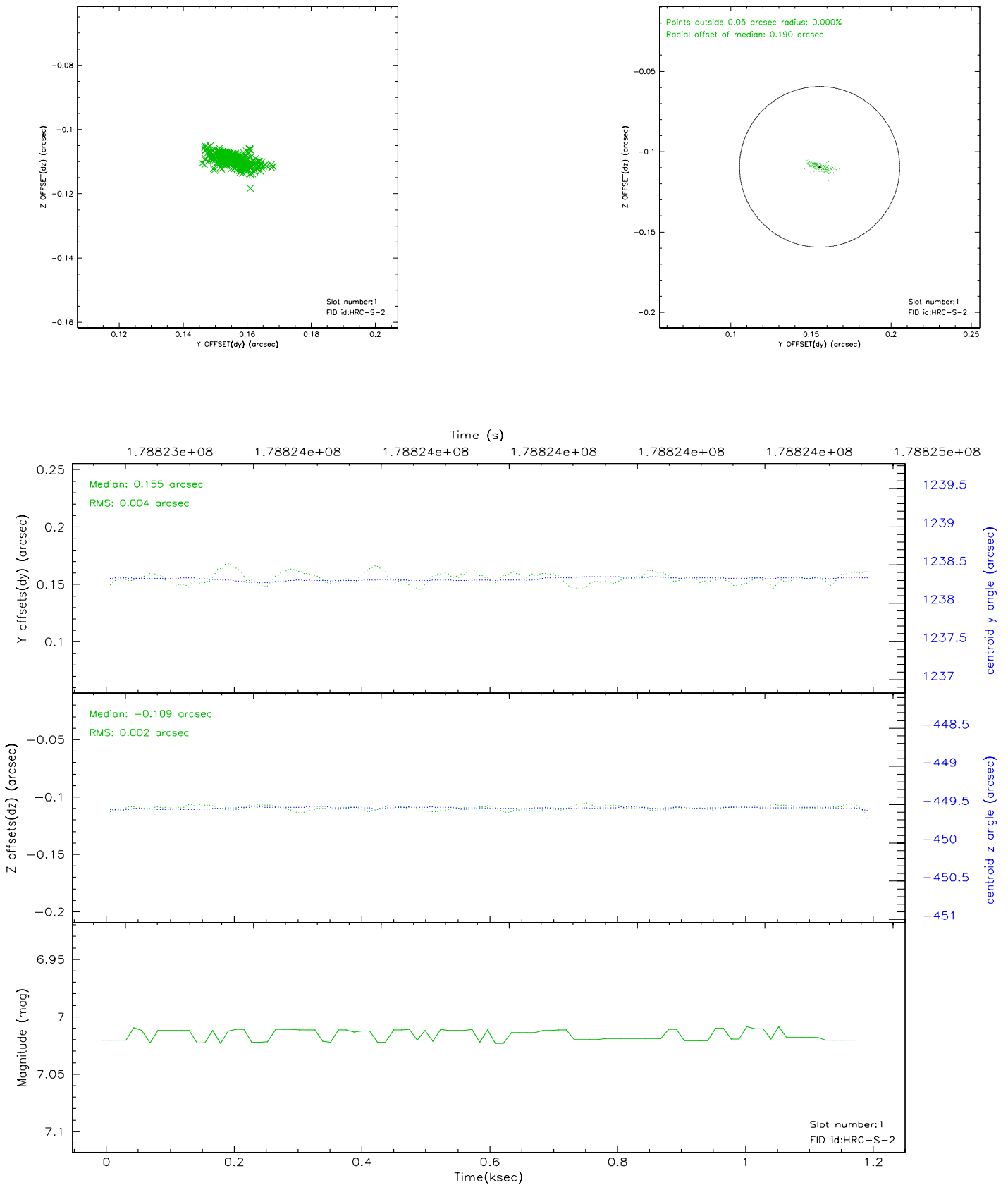


2.5 FID Slots

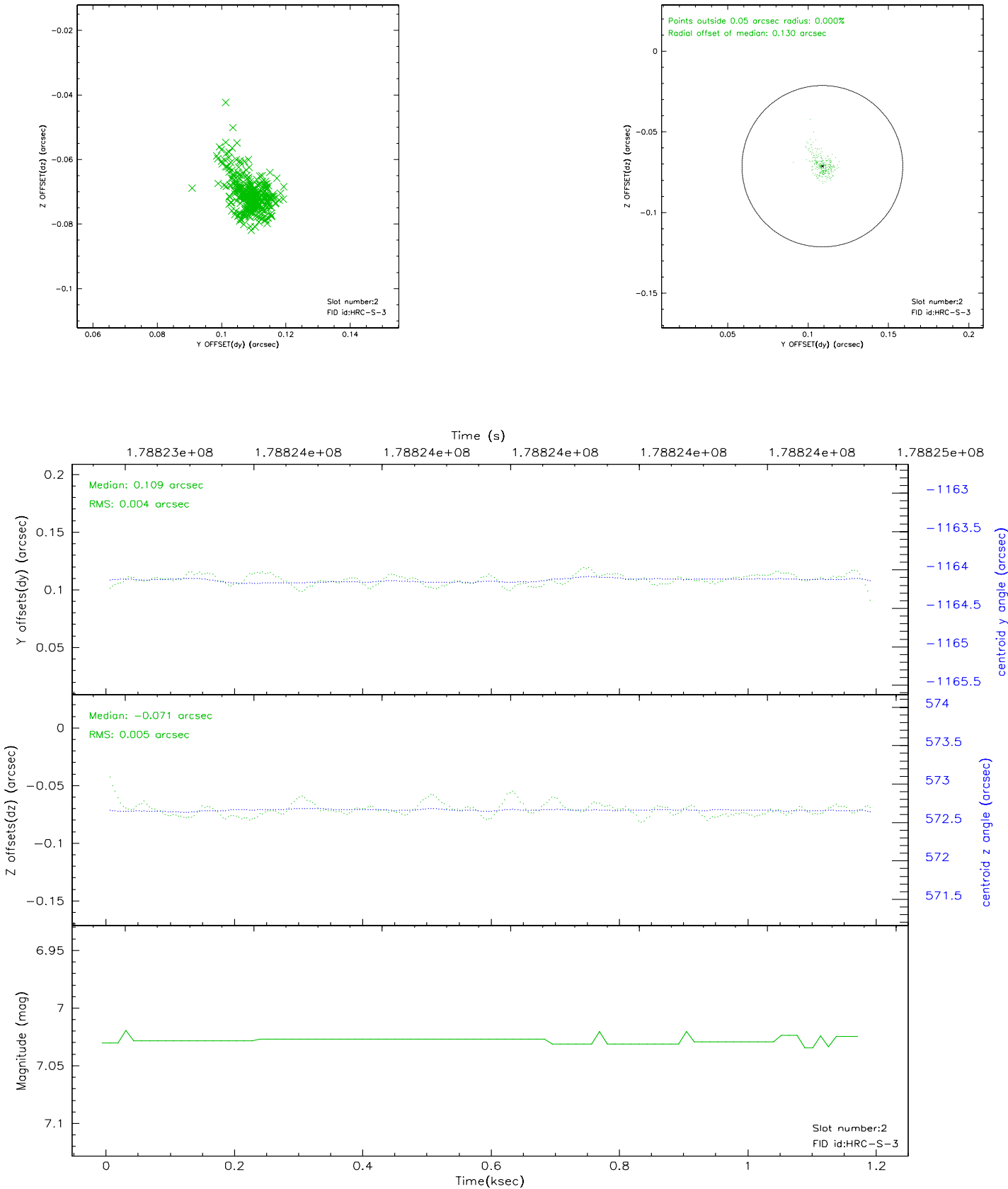
2.5.1 Slot 0



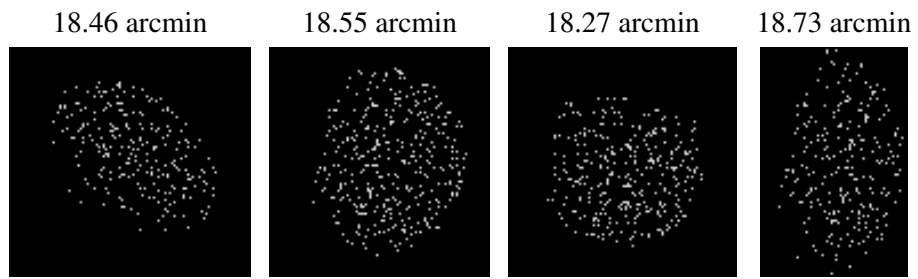
2.5.2 Slot 1



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.