

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2646 - L2 Version 001
Chandra X-Ray Center

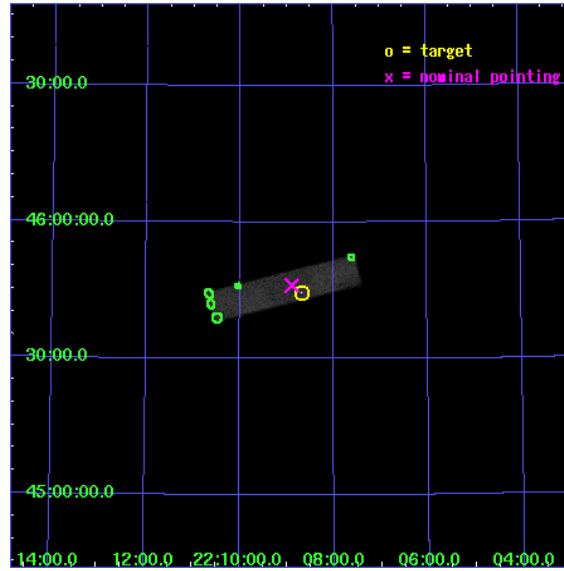
L2 Processing Date : Sep 30 2006

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

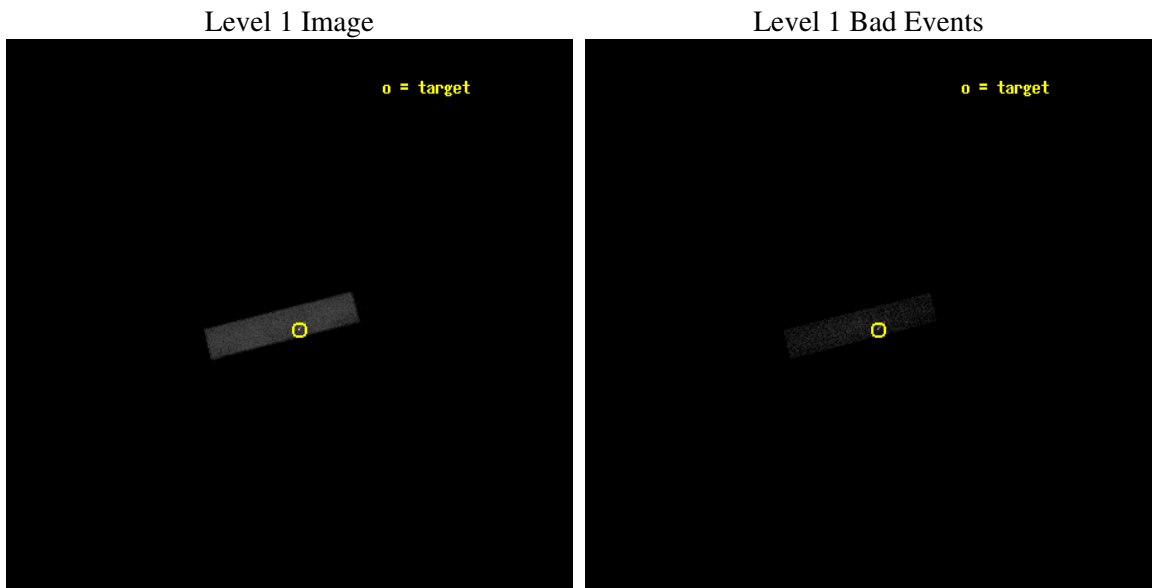
seq_num	290202
obs_id	2646
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.22227053123
dec_nom	45.76865562316
roll_nom	165.81865129888
revision	2
ontime	820.25628376007
livetime	814.61451418897
l2events	42677



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-30T11:25:16
revision	2

sched_exp_time	1000.000000
ontime	899.95003703237
l1events	60785

2.1.3 Events

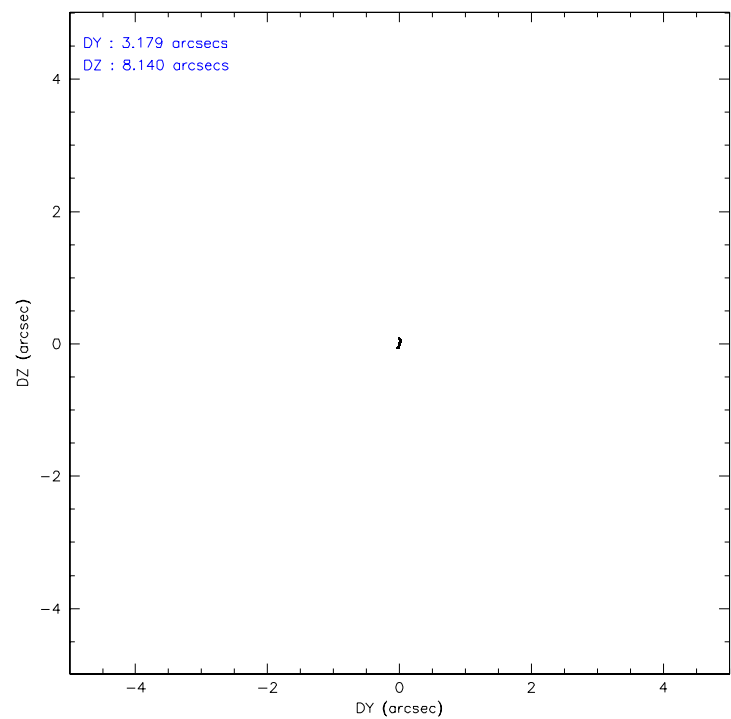
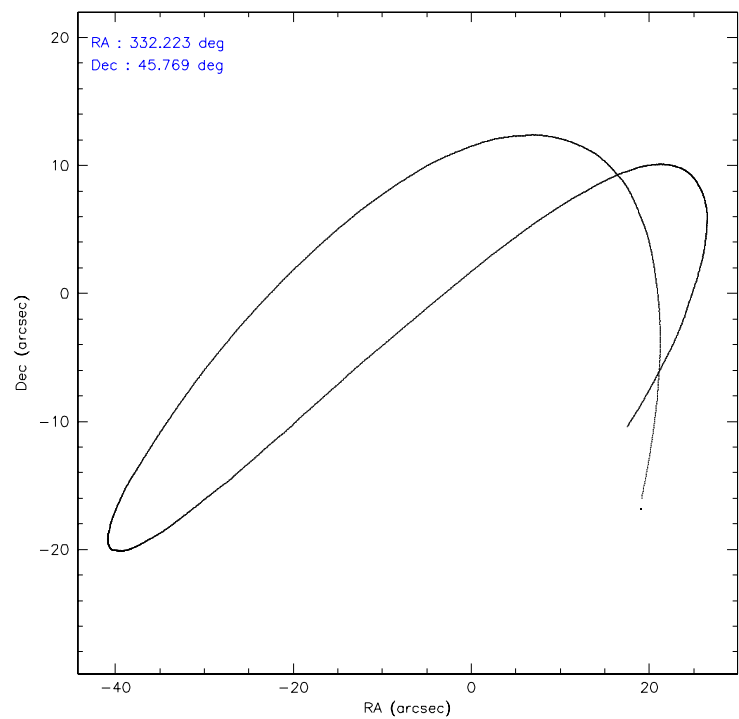
Level 1 Events

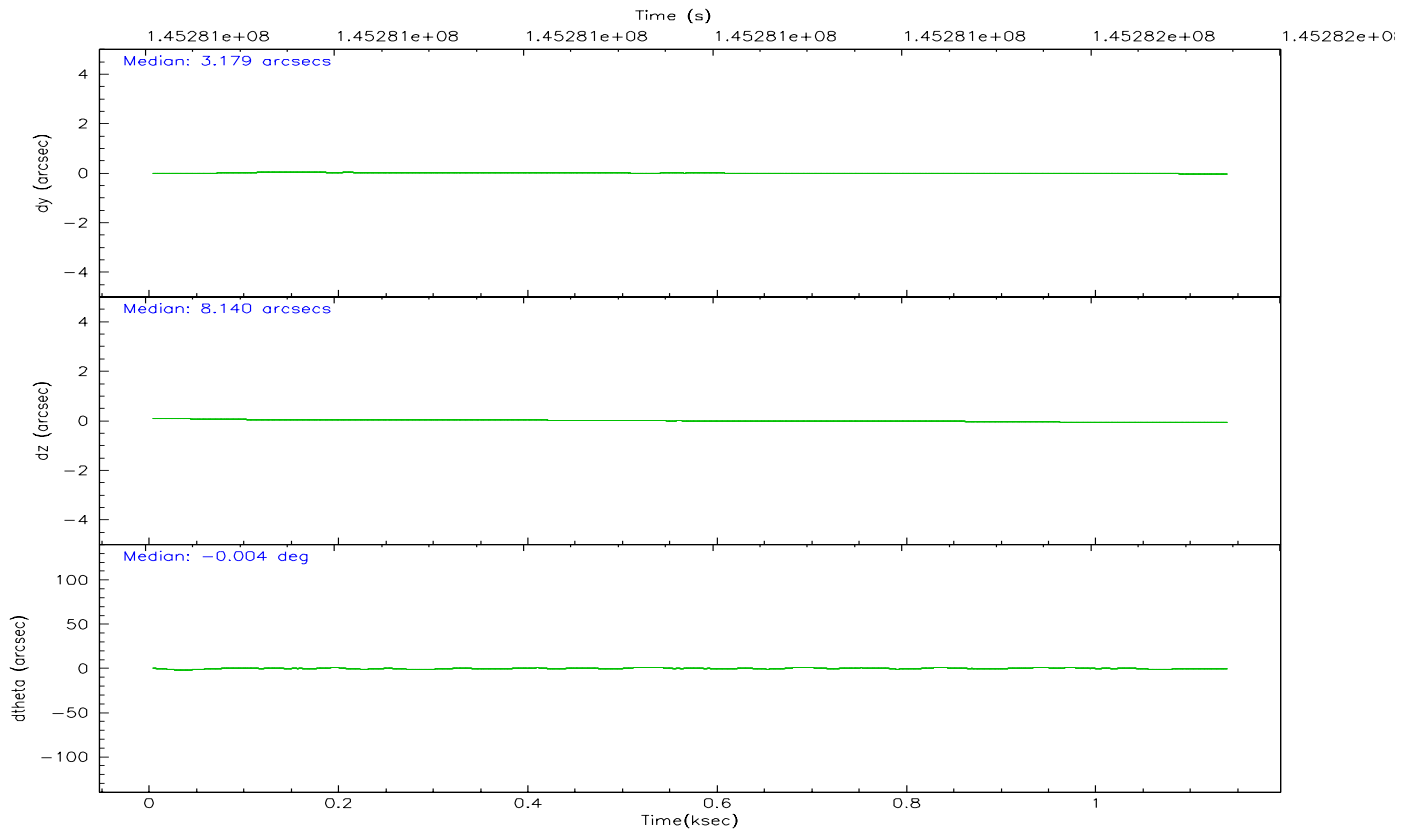
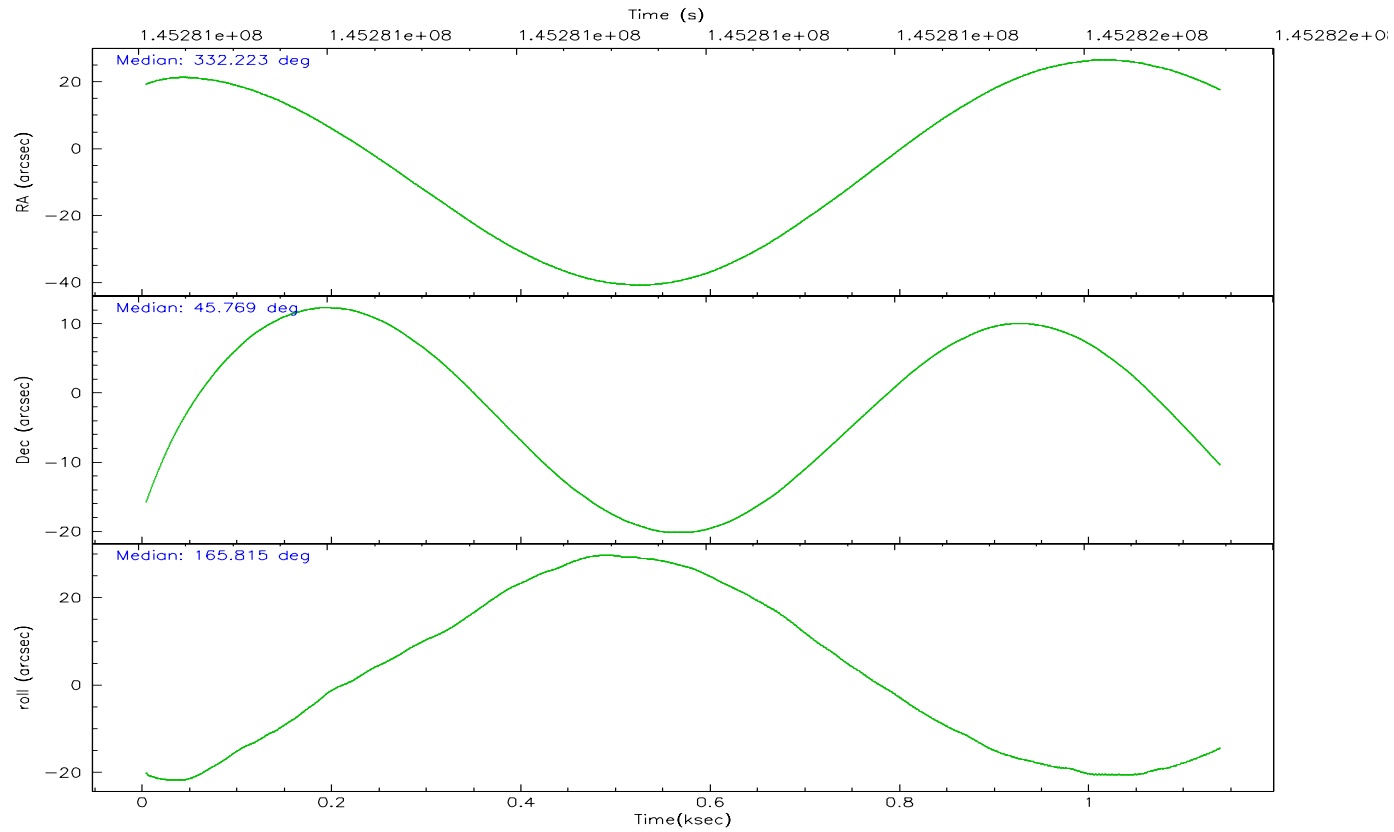
	segment 1	segment 2	segment 3
level 1 events	0	60785	0
rejected events	0	15973	0
rejected %	0%	26%	0%

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	332.260450	332.2222705312287			
Pointing Dec	45.776847	45.76865562315989			
Pointing Roll	165.724003	165.8186512988794			
Window start time	141868864.184000	141868864.184000			
Window stop time	147139264.184000	147139264.184000			
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	145280748.184000	145279811.18663			
Observation start date	2002-08-09T11:44:44	2002-08-09T11:30:11			
Observation end time	145281748.184000	145281881.68672			
Observation end date	2002-08-09T12:01:24	2002-08-09T12:04:41			

2.3 Aspect



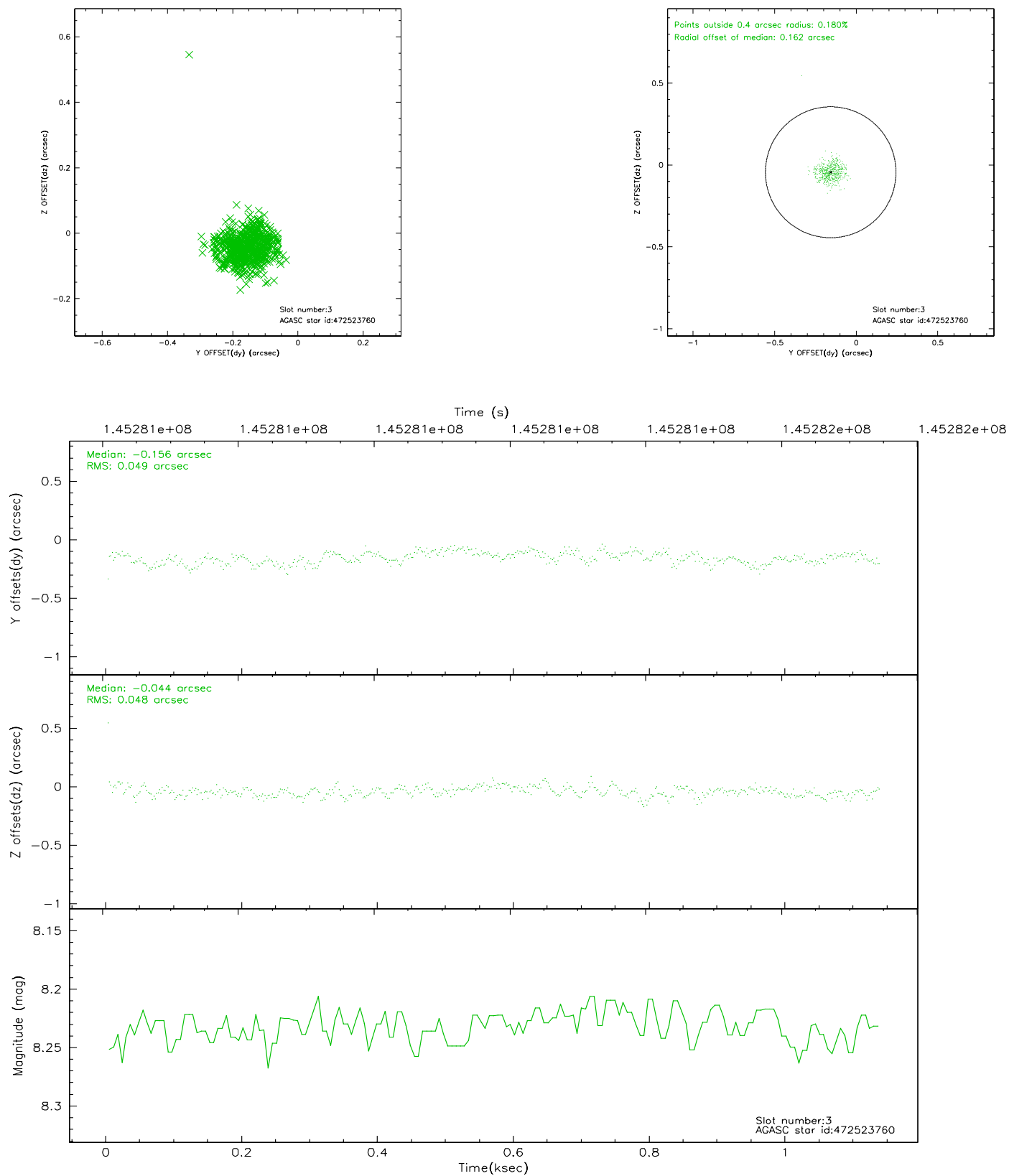


Slot Statistics

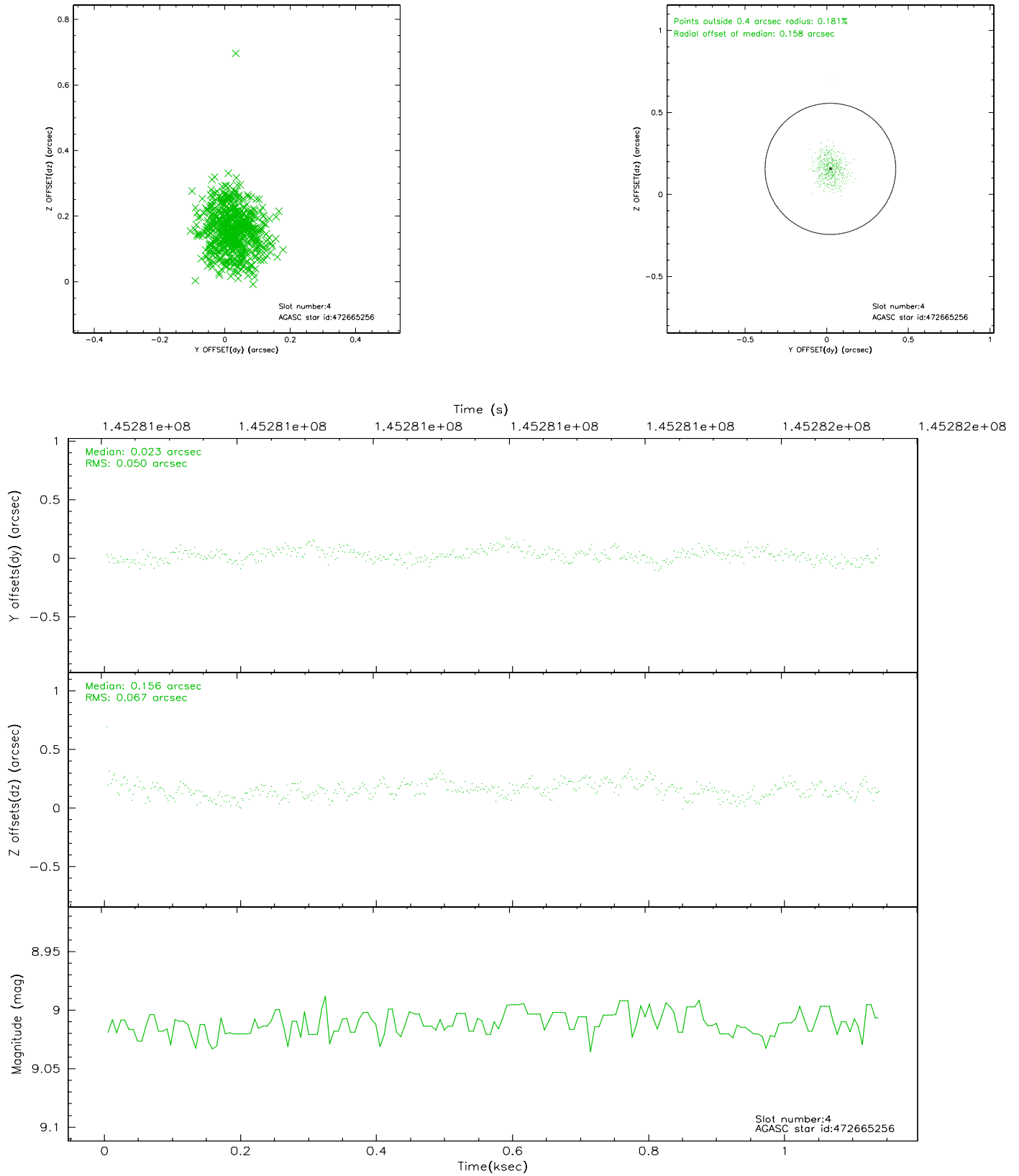
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	277	0.153	-0.094	0.007	0.012	0.000000	0.000000	-1157.19	-456.72
1	FID	HRC-S-2	7.03	277	0.085	-0.091	0.005	0.010	0.000000	0.000000	1238.24	-450.96
2	FID	HRC-S-3	7.04	277	0.153	-0.117	0.007	0.013	0.000000	0.000000	-1155.46	571.16
3	GUIDE	472523760	8.23	555	-0.156	-0.044	0.068	0.103	331.645363	45.403260	1176.33	1685.08
4	GUIDE	472665256	9.01	554	0.023	0.156	0.091	0.135	332.808125	46.195041	-947.91	-1792.91
5	GUIDE	472659832	9.45	555	0.010	0.090	0.105	0.175	332.780399	46.098139	-973.19	-1444.29
6	GUIDE	472523568	9.34	555	-0.023	-0.128	0.086	0.144	331.465966	45.371411	1587.93	1901.75
7	GUIDE	472646552	9.62	554	0.149	-0.066	0.098	0.167	333.120915	45.571877	-2277.49	176.36

2.4 Star Slots

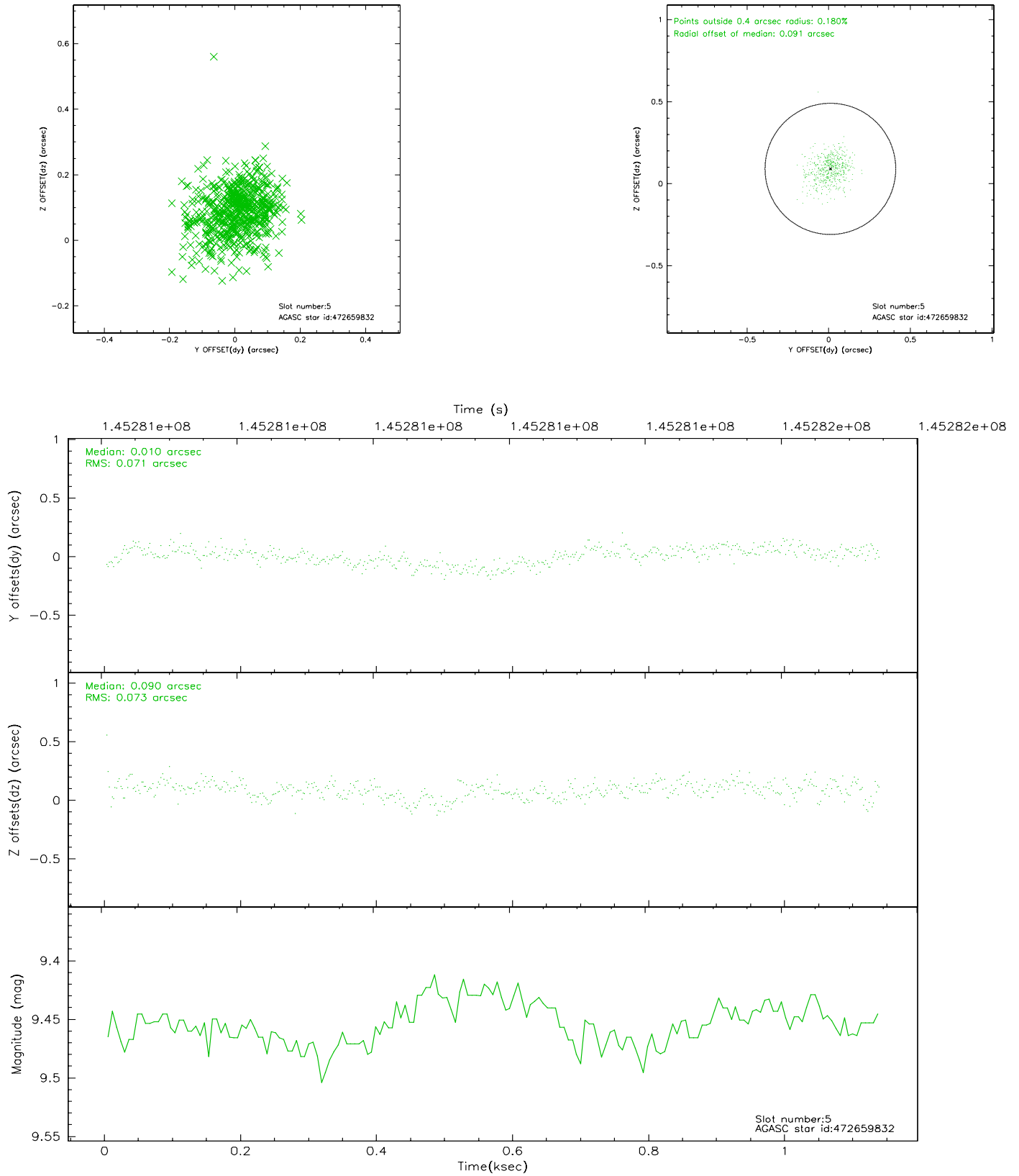
2.4.1 Slot 3



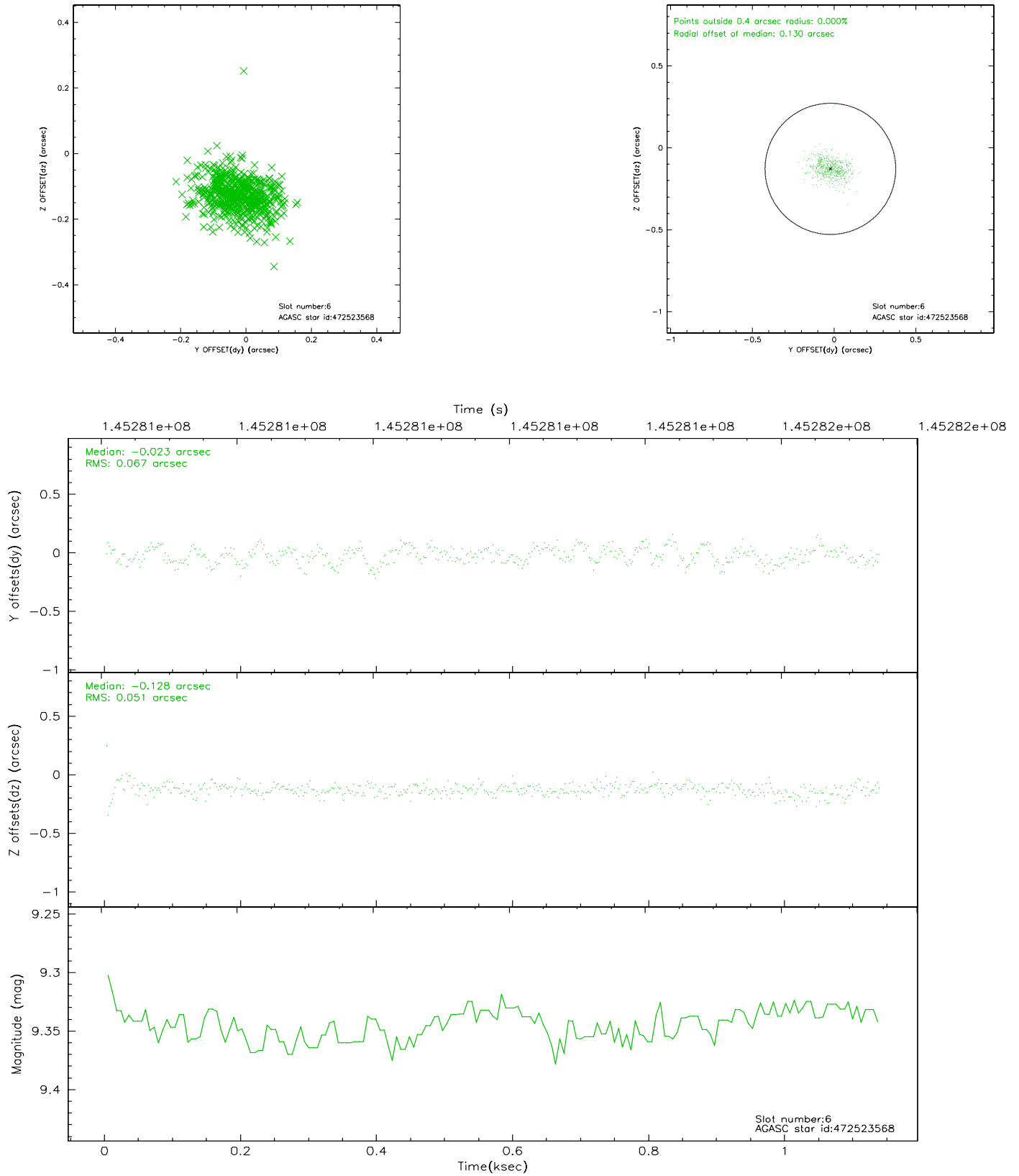
2.4.2 Slot 4



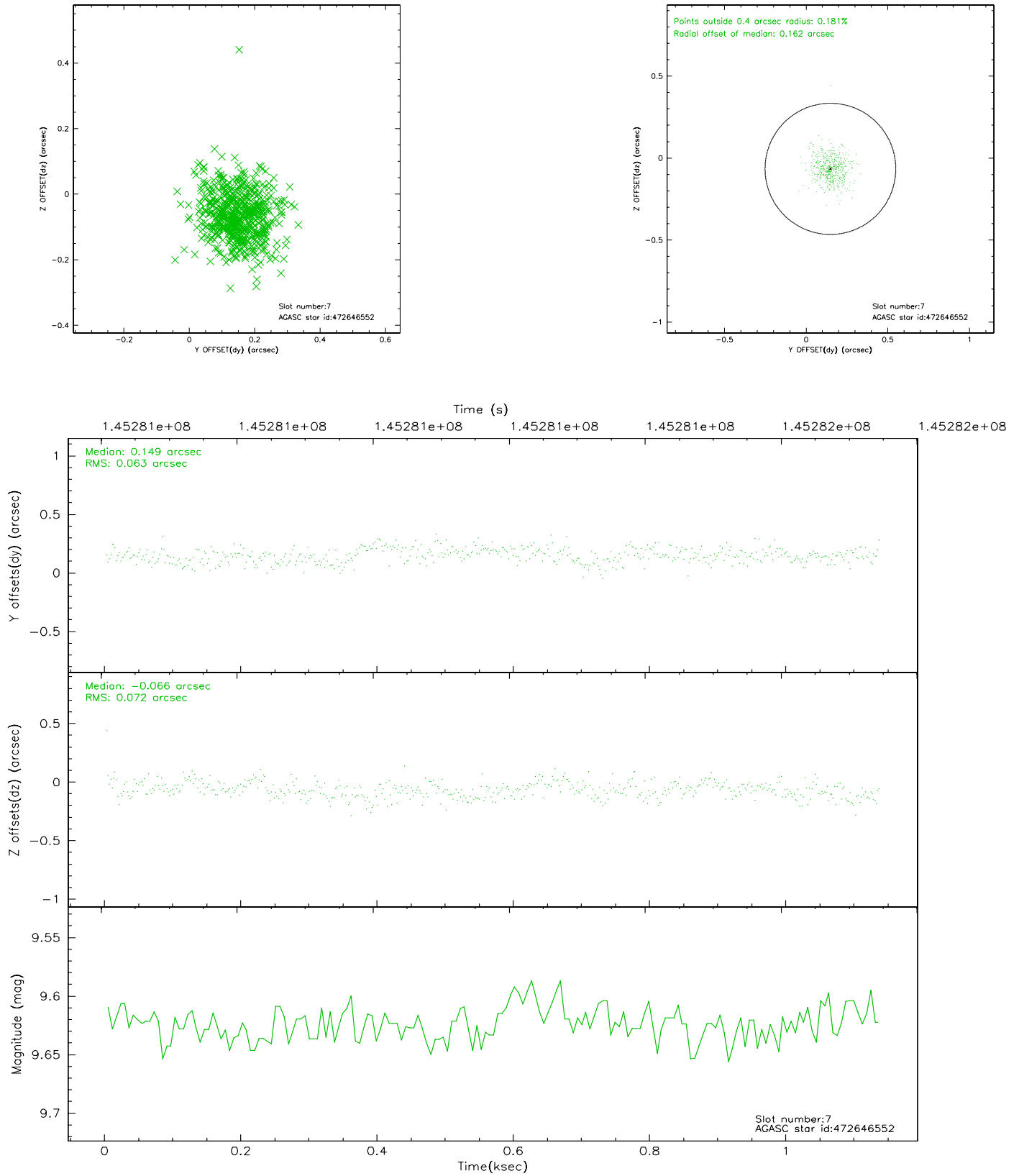
2.4.3 Slot 5



2.4.4 Slot 6

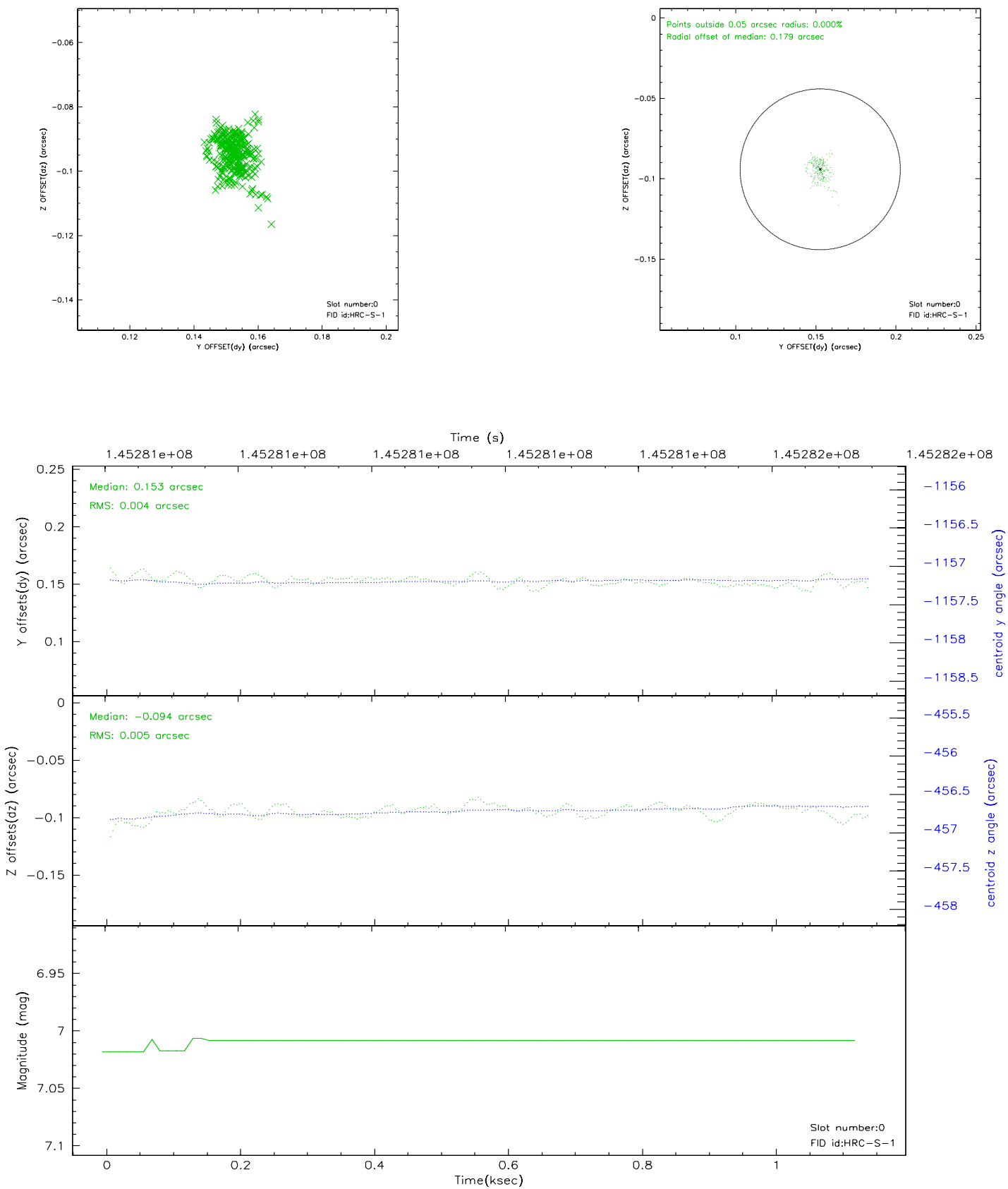


2.4.5 Slot 7

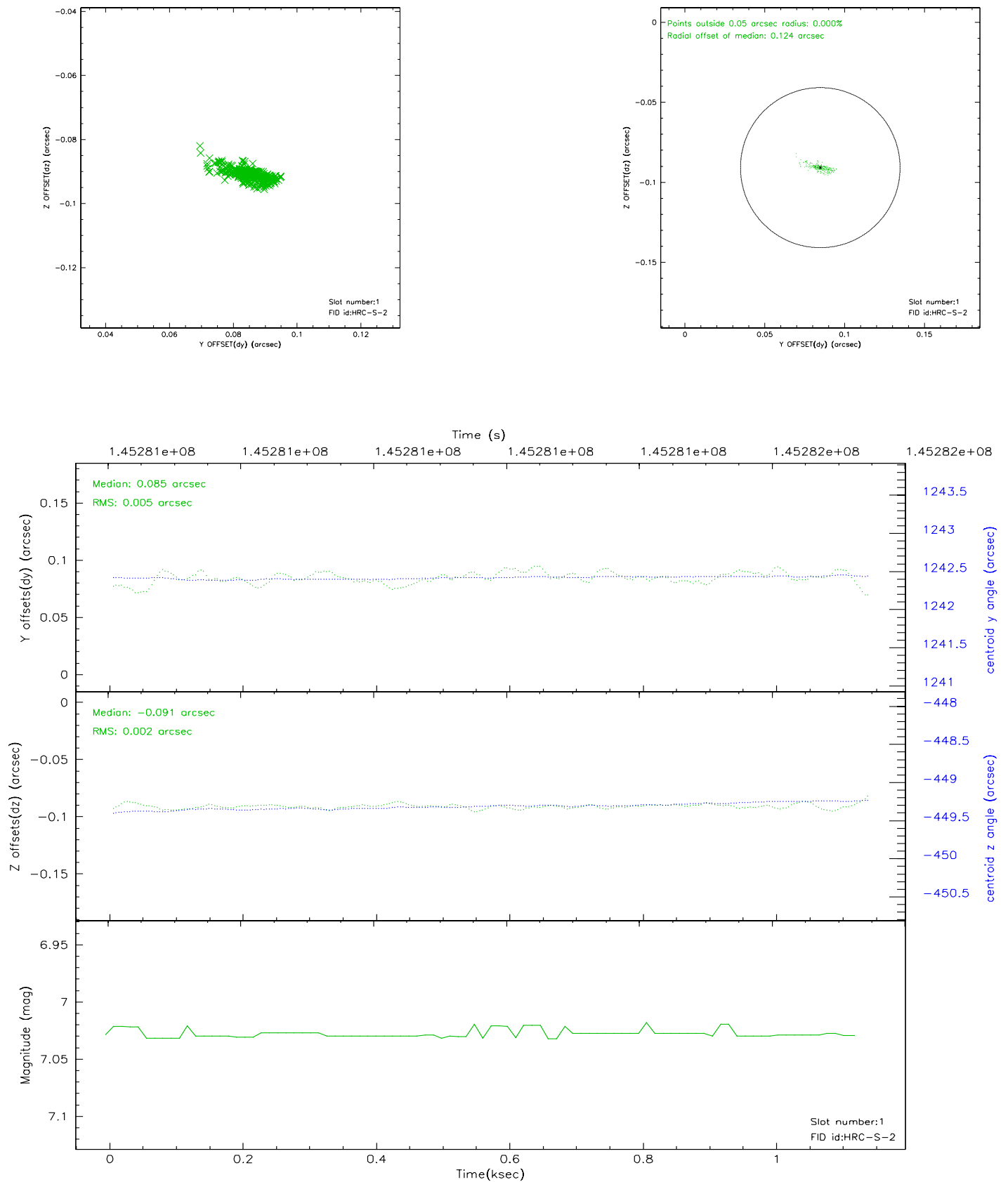


2.5 FID Slots

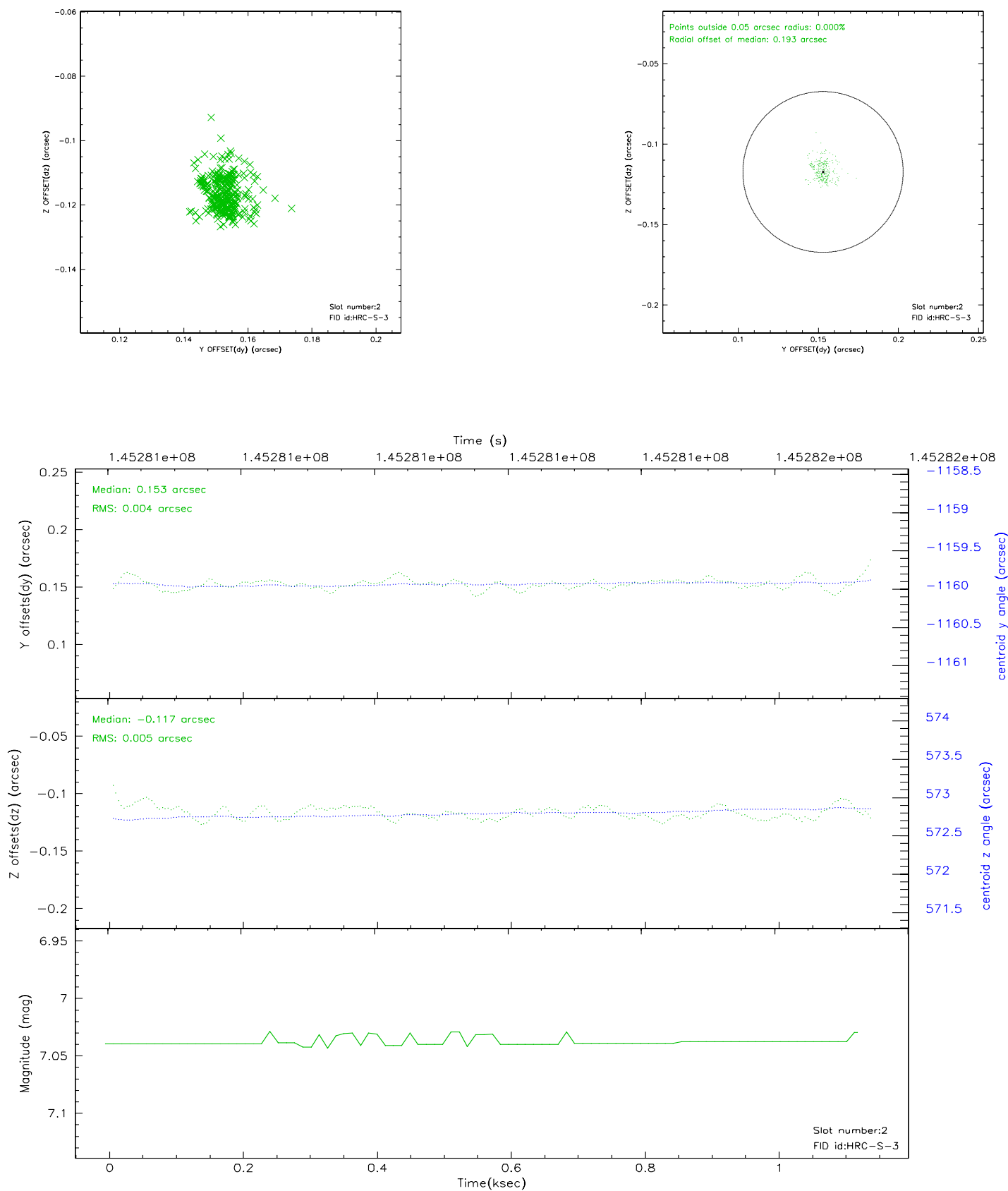
2.5.1 Slot 0



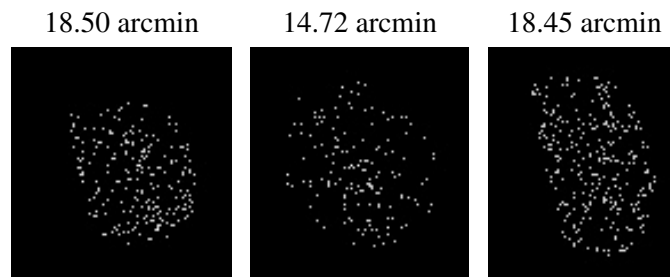
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.82

A.2 Comments

Window constraint met.