

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2648 - L2 Version 001
Chandra X-Ray Center

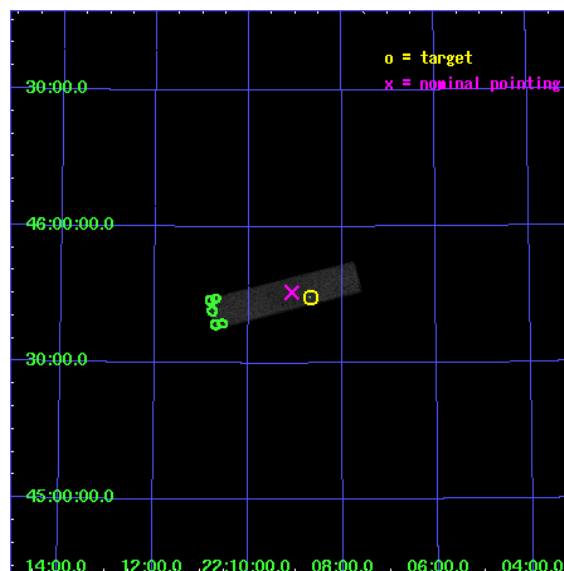
L2 Processing Date : Sep 30 2006

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1 Front

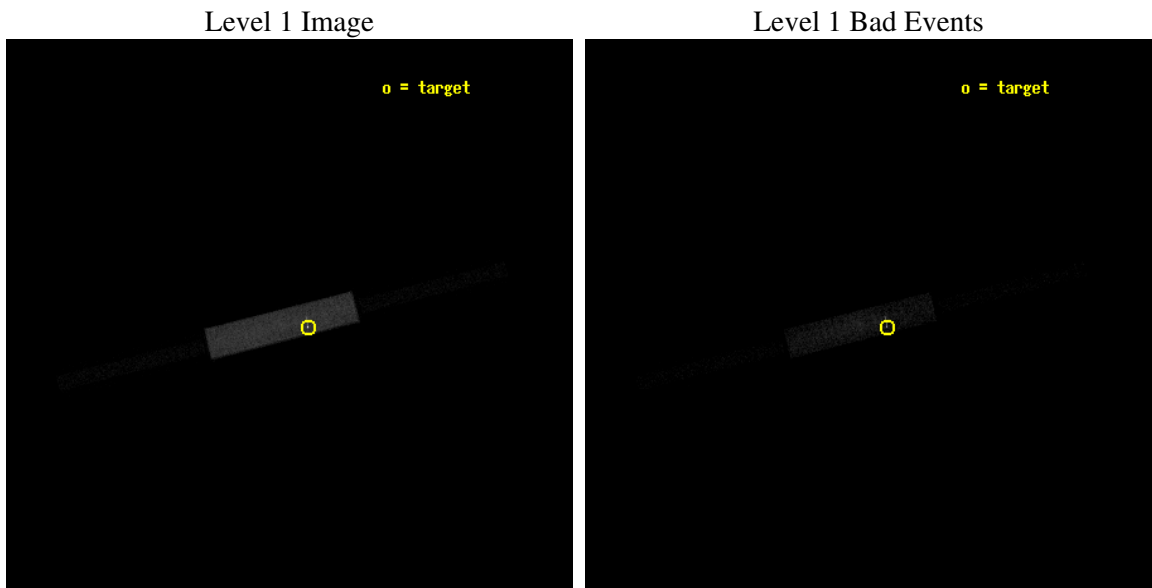
seq_num	290204
obs_id	2648
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.26845585727
dec_nom	45.760314273678
roll_nom	165.78132231151
revision	2
ontime	1140.0562969744
livetime	1133.4523761817
l2events	44724



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	2006-09-30T11:27:34
revision	2

sched_exp_time	1000.000000
ontime	1185.9250488579
l1events	78043

2.1.3 Events

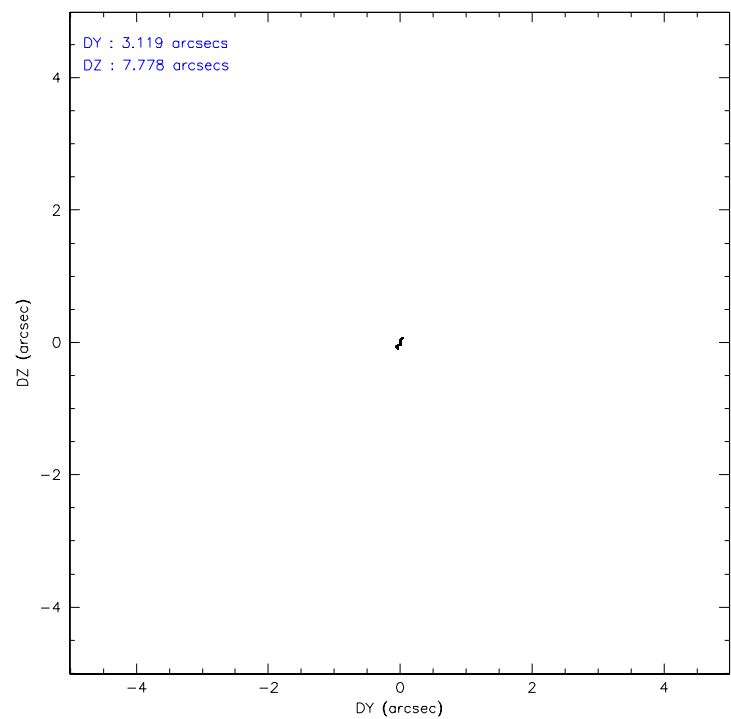
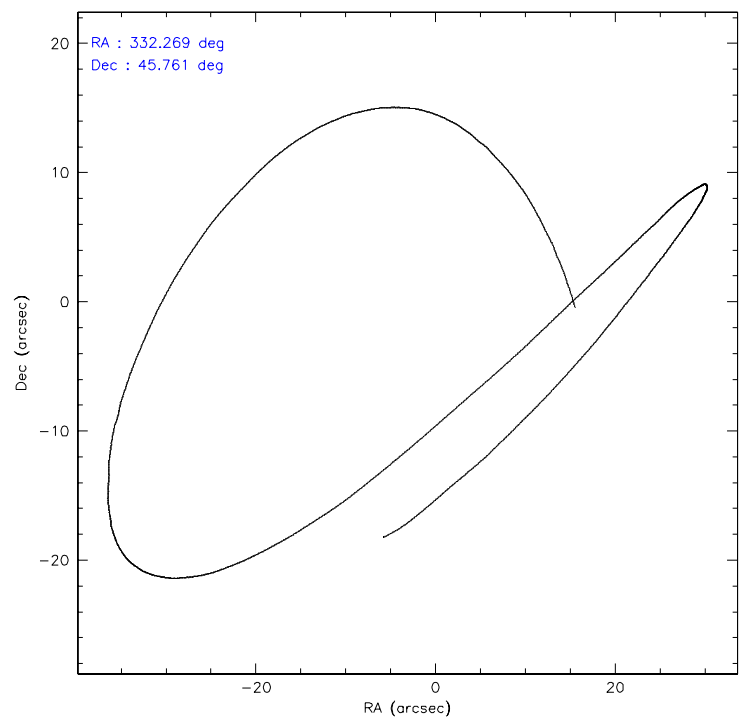
Level 1 Events

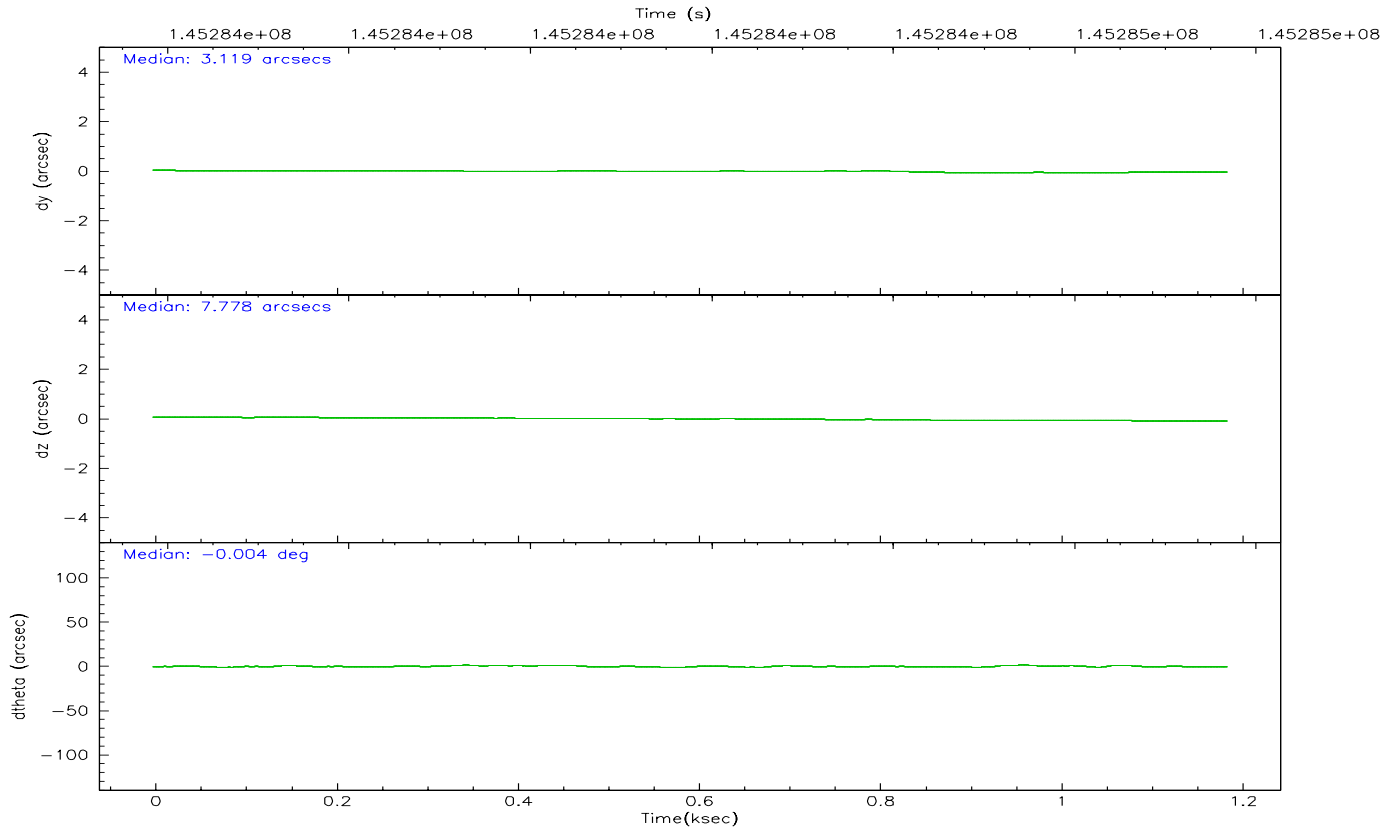
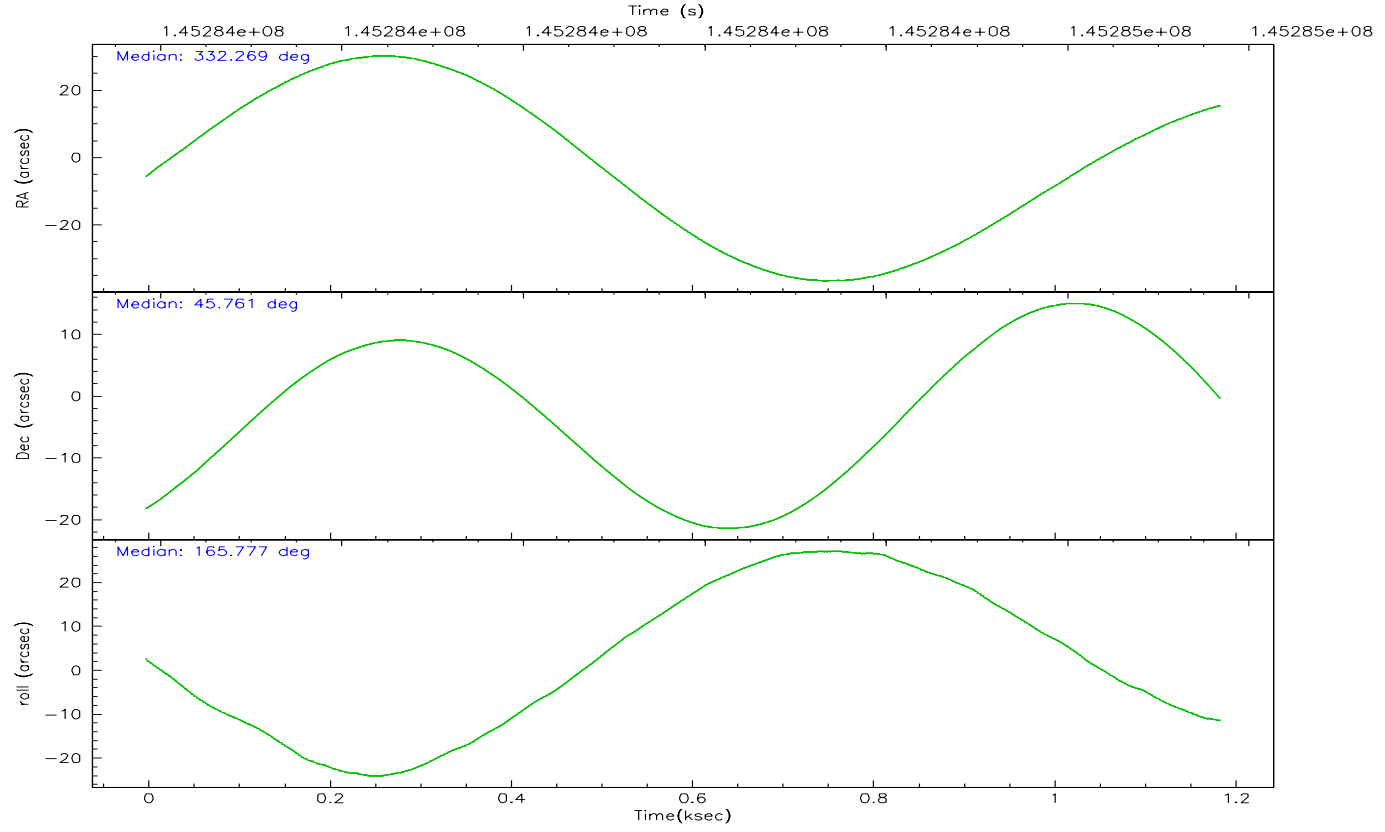
	segment 1	segment 2	segment 3
level 1 events	1986	74233	1824
rejected events	1986	26777	1824
rejected %	100%	36%	100%

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	332.306760	332.2684558572681			
Pointing Dec	45.768604	45.76031427367833			
Pointing Roll	165.686524	165.7813223115135			
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	145283768.184000	145283392.02428			
Observation start date	2002-08-09T12:35:04	2002-08-09T12:29:52			
Observation end time	145284768.184000	145284901.84934			
Observation end date	2002-08-09T12:51:44	2002-08-09T12:55:01			

2.3 Aspect



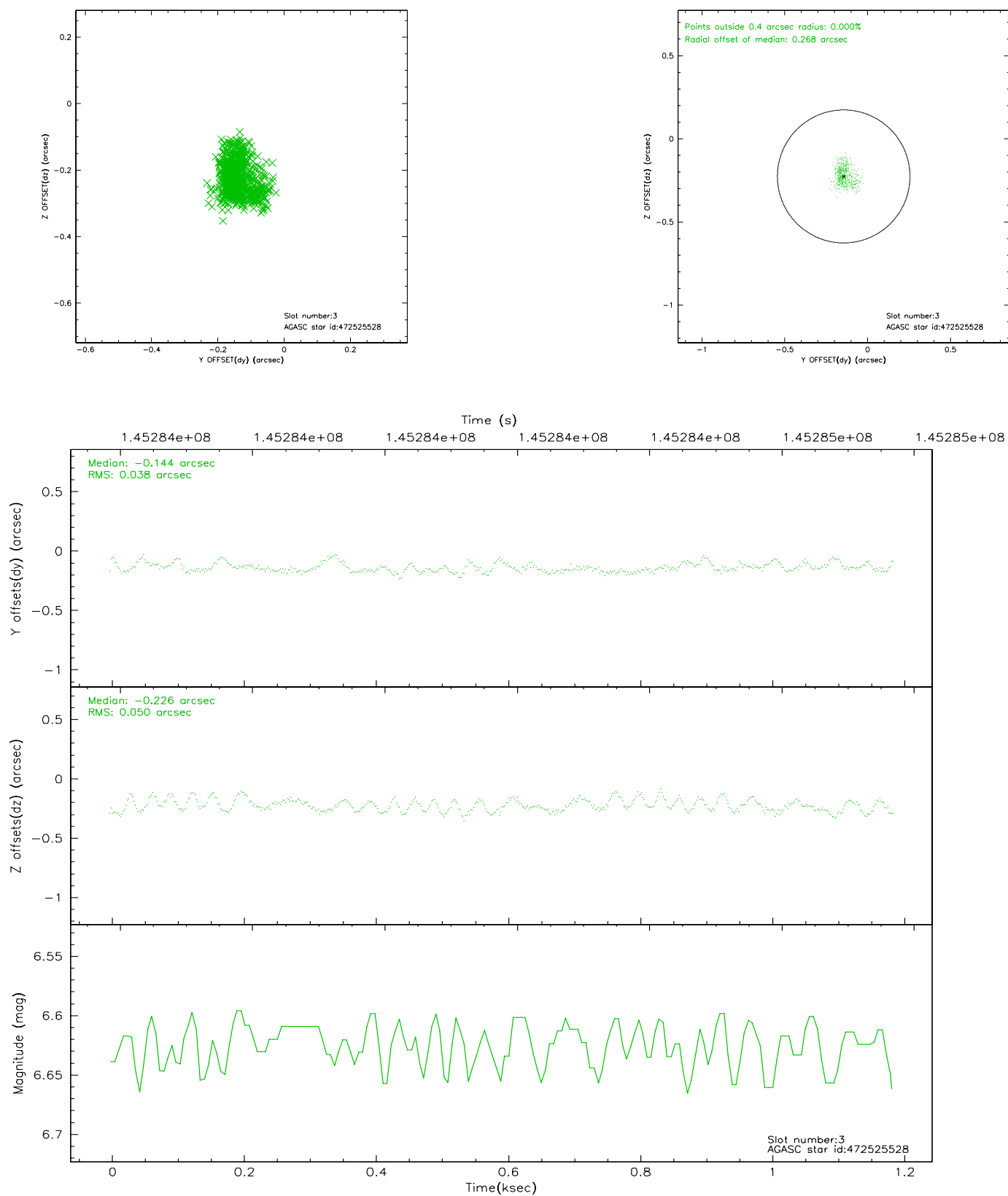


Slot Statistics

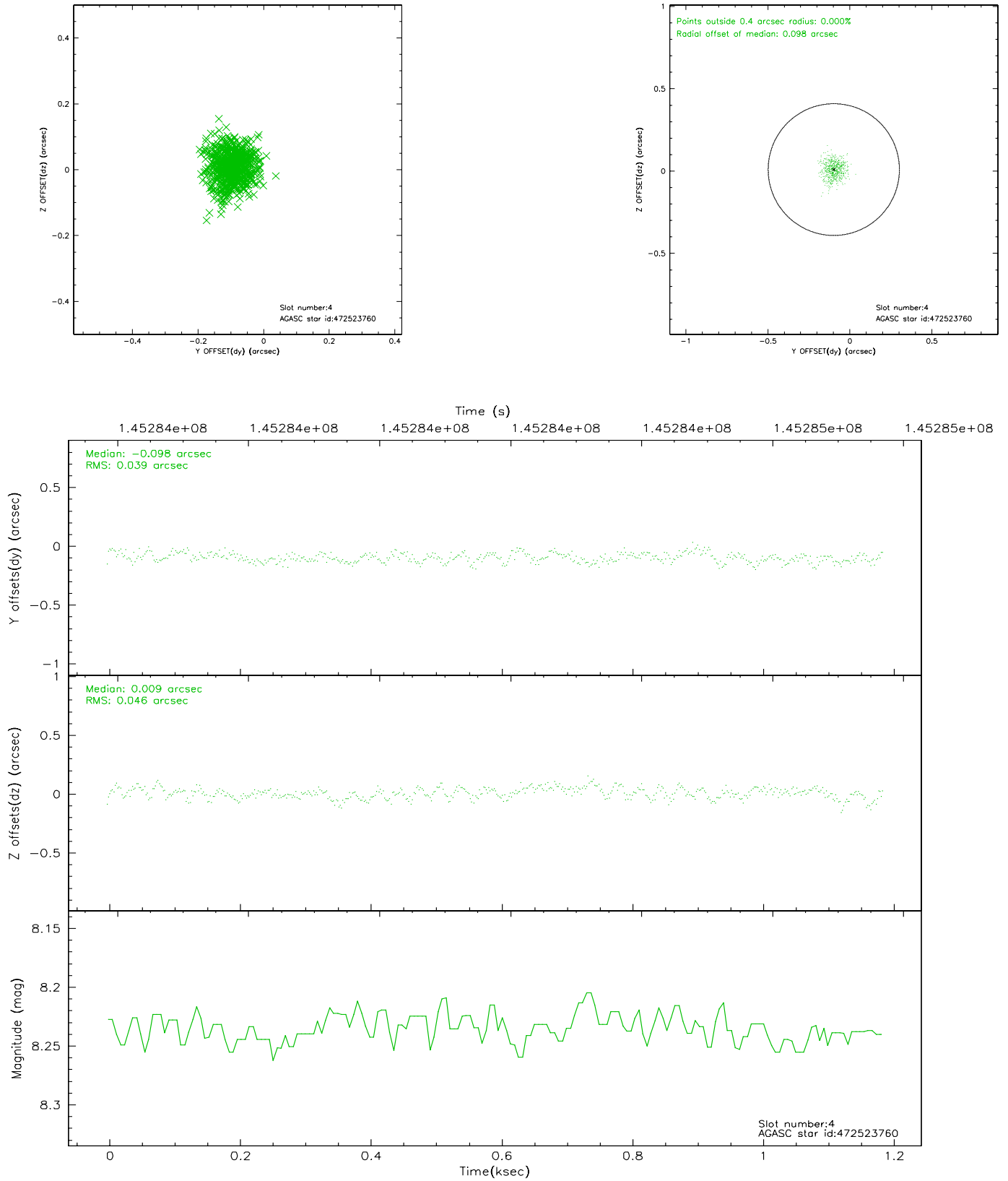
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.155	-0.091	0.005	0.010	0.000000	0.000000	-1157.12	-456.33
1	FID	HRC-S-2	7.01	290	0.085	-0.092	0.005	0.009	0.000000	0.000000	1238.50	-450.50
2	FID	HRC-S-3	7.04	290	0.151	-0.118	0.006	0.011	0.000000	0.000000	-1155.59	571.62
3	GUIDE	472525528	6.62	580	-0.144	-0.226	0.068	0.109	331.551102	45.248694	1394.71	2281.62
4	GUIDE	472523760	8.23	580	-0.098	0.009	0.065	0.100	331.645363	45.403260	1298.31	1688.48
5	GUIDE	472660976	8.60	580	0.018	0.075	0.064	0.104	333.433329	46.196713	-2332.12	-2200.55
6	GUIDE	472665256	9.01	578	0.163	0.191	0.071	0.111	332.808125	46.195041	-834.18	-1800.52
7	GUIDE	472523568	9.35	579	0.062	-0.041	0.096	0.164	331.465966	45.371411	1707.80	1900.79

2.4 Star Slots

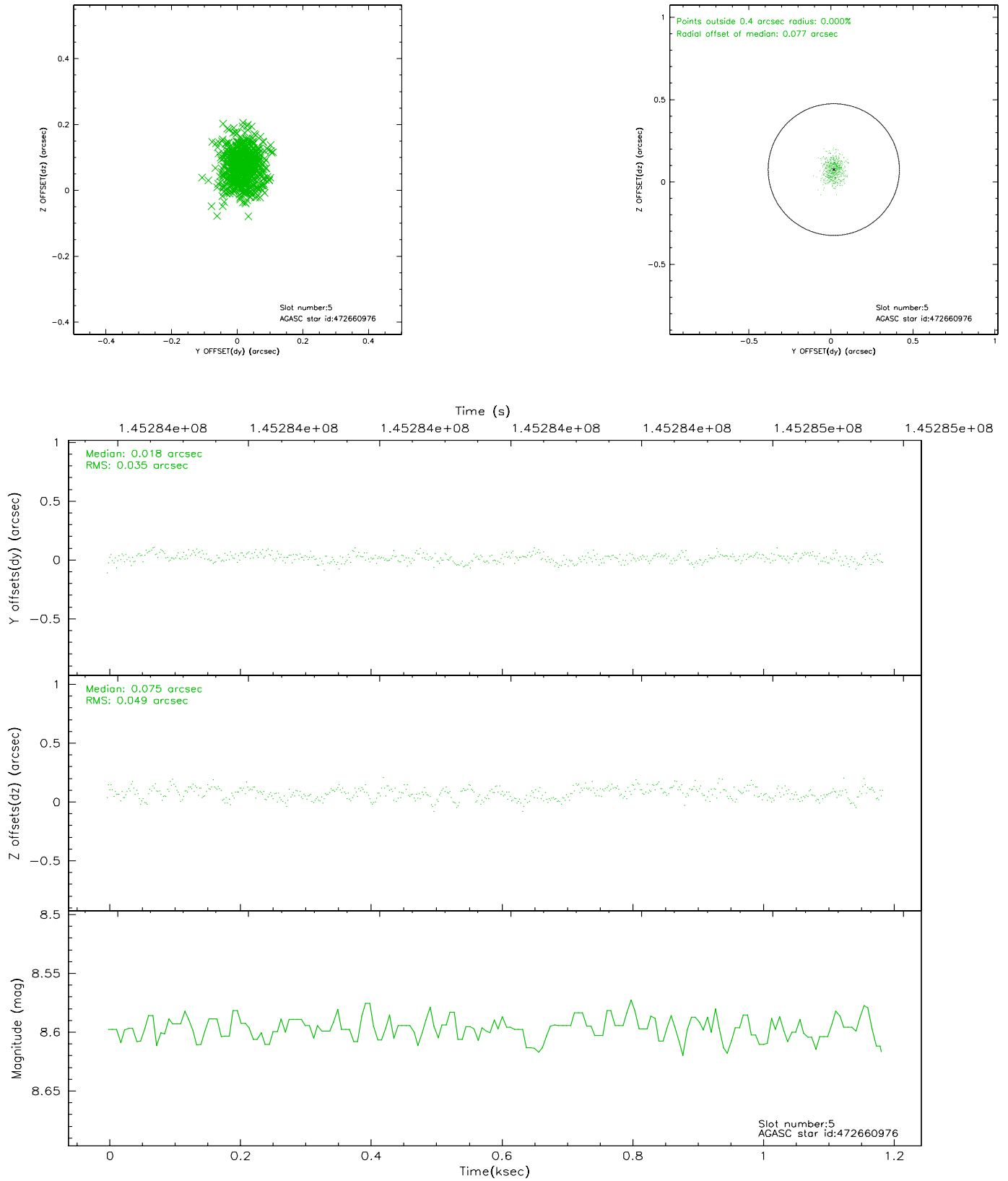
2.4.1 Slot 3



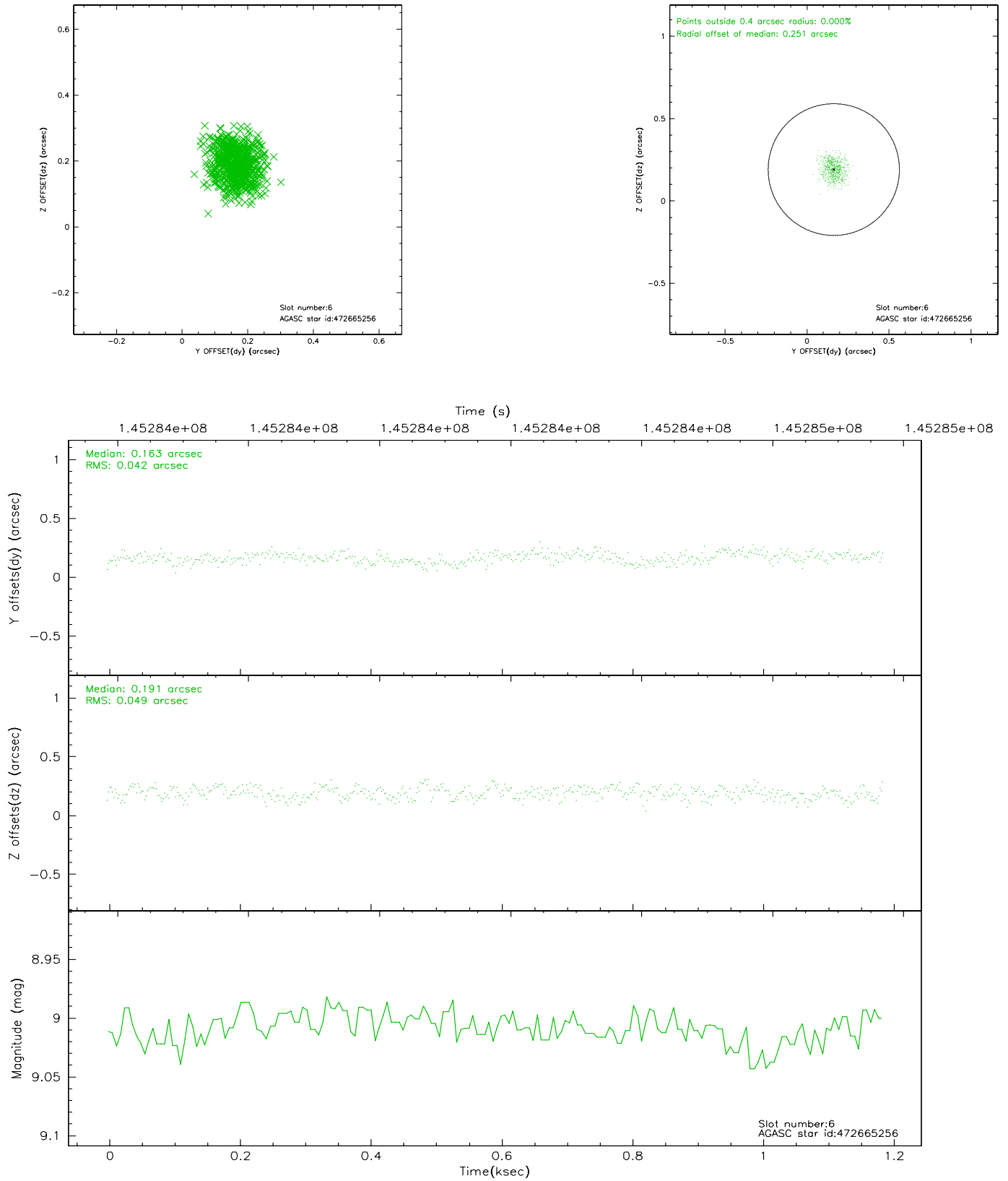
2.4.2 Slot 4



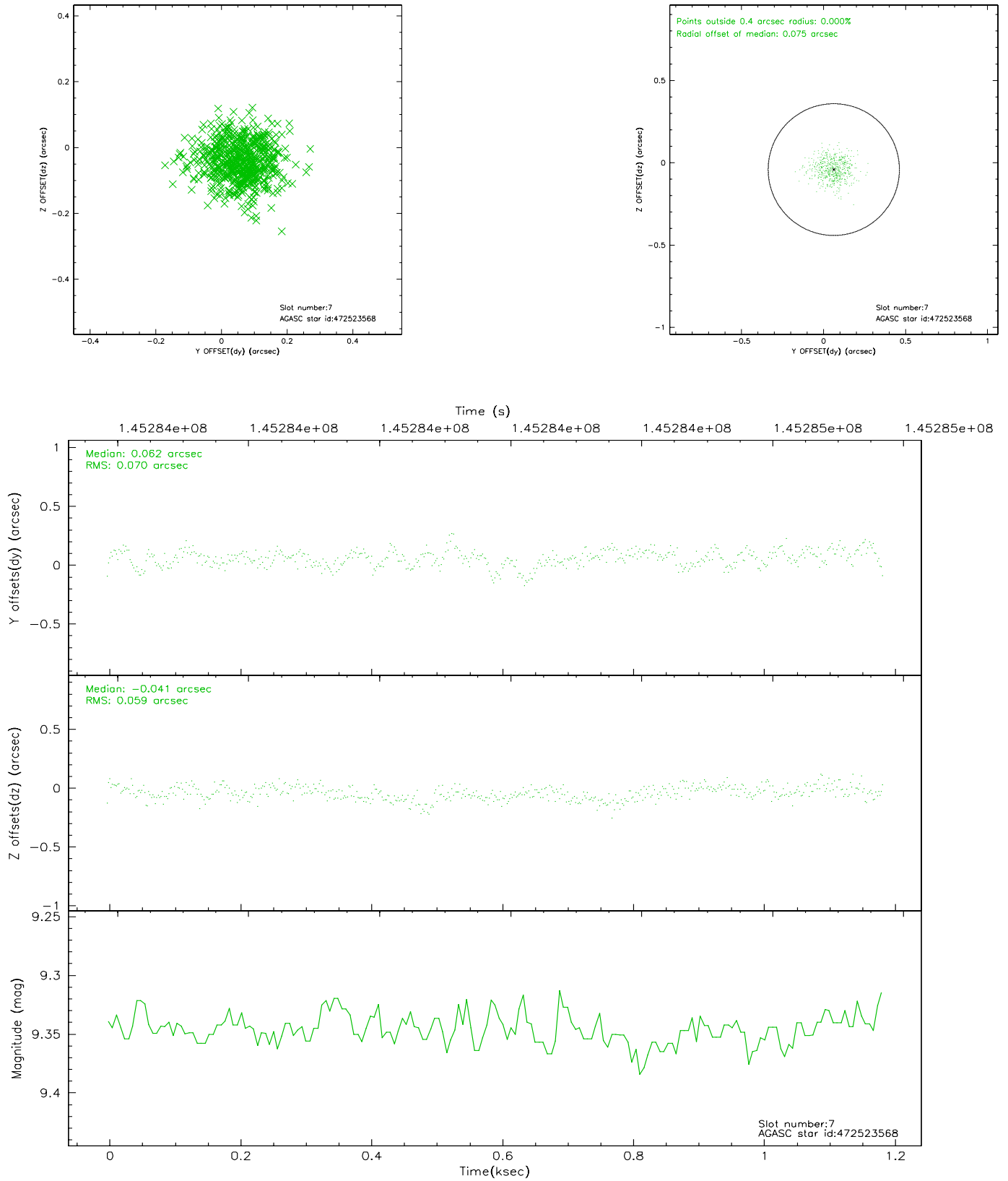
2.4.3 Slot 5



2.4.4 Slot 6

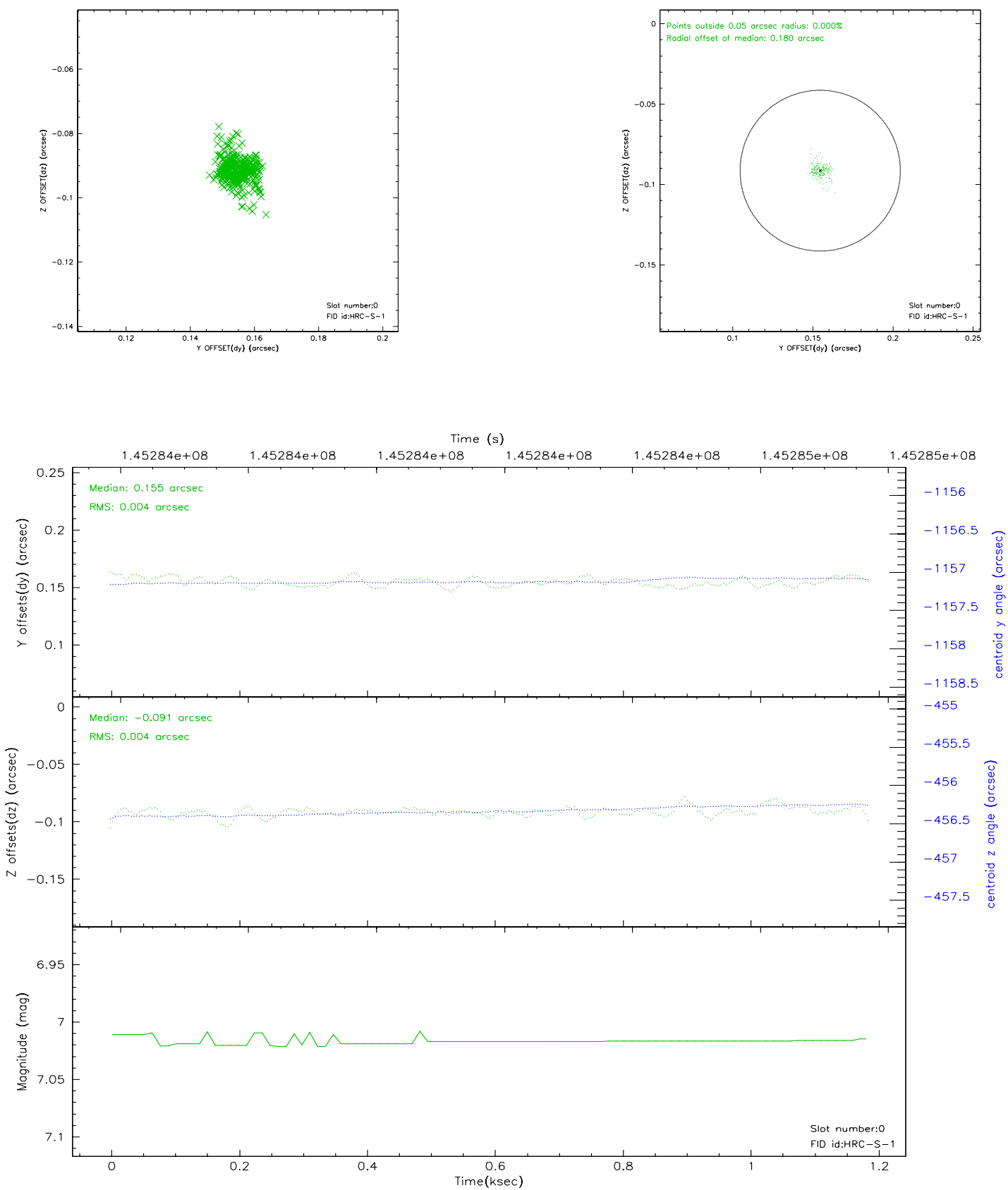


2.4.5 Slot 7

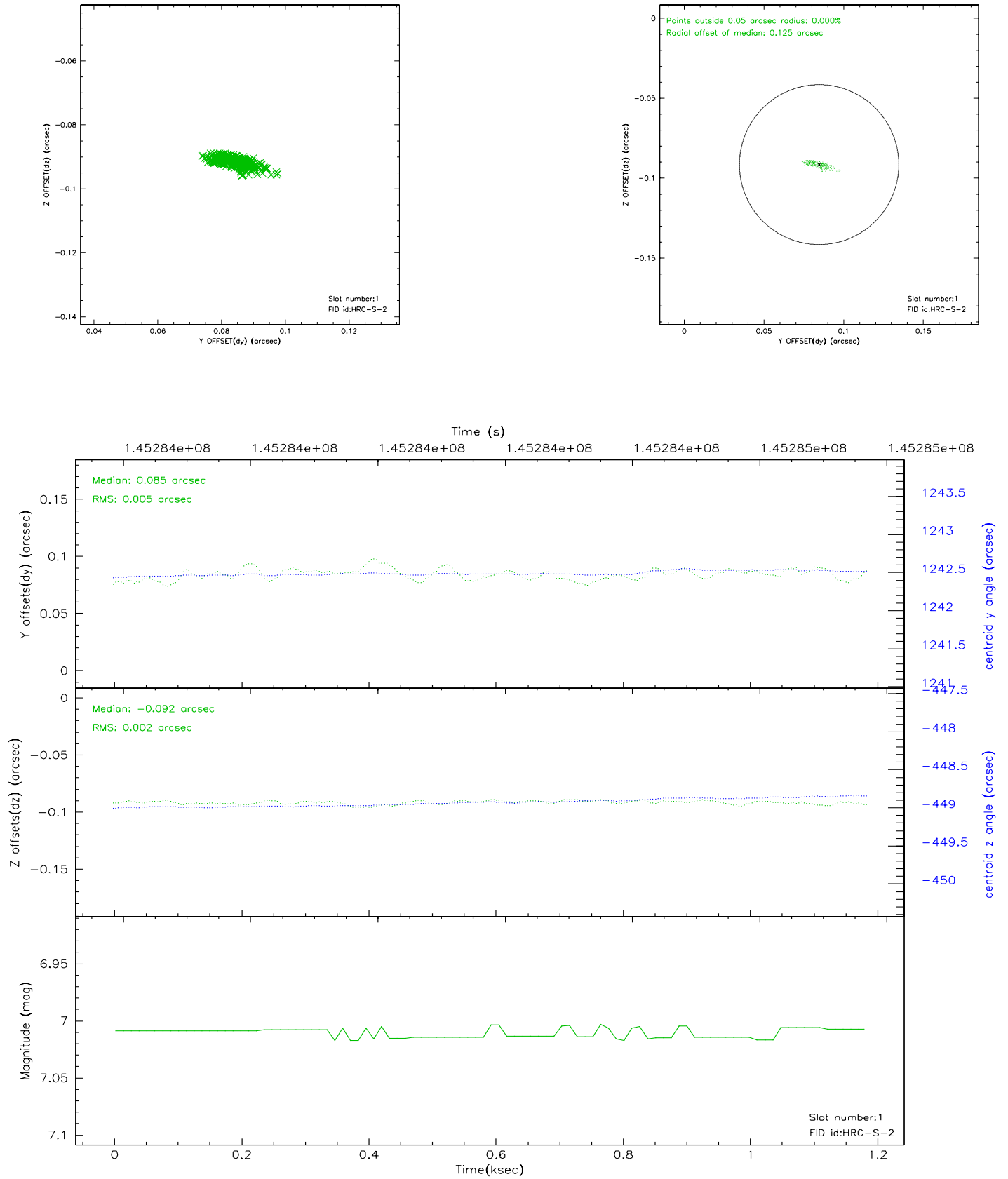


2.5 FID Slots

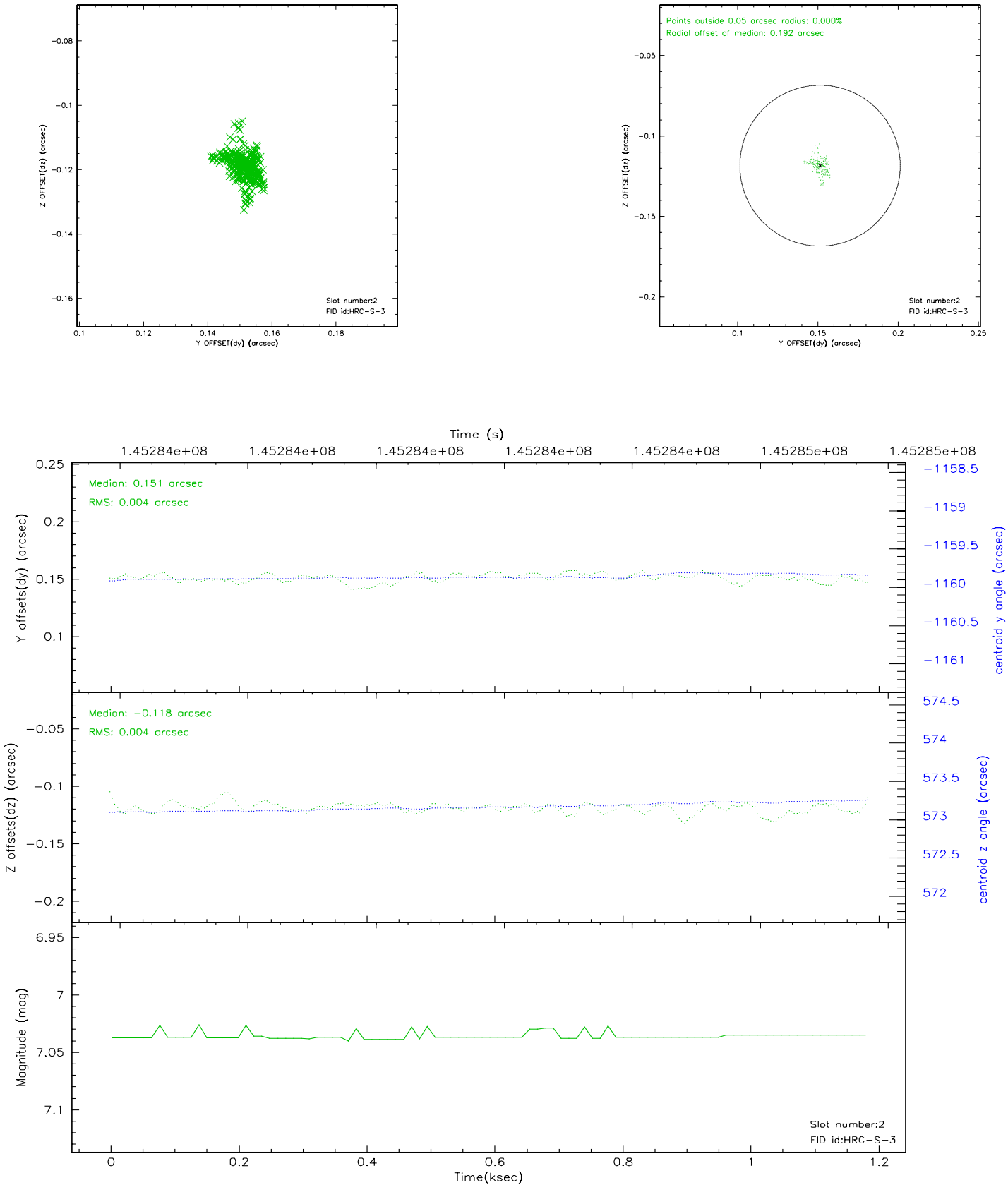
2.5.1 Slot 0



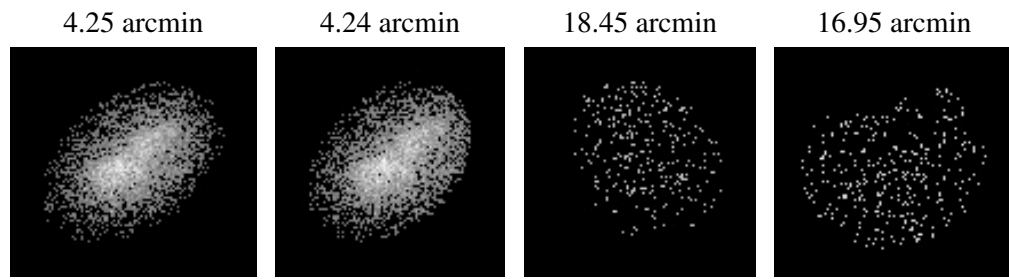
2.5.2 Slot 1



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	1.179

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.179 ks,
although with the current processing the charge time would have been
1.14 ksec.

Monitor constraint met.