

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2649 - L2 Version 001
Chandra X-Ray Center

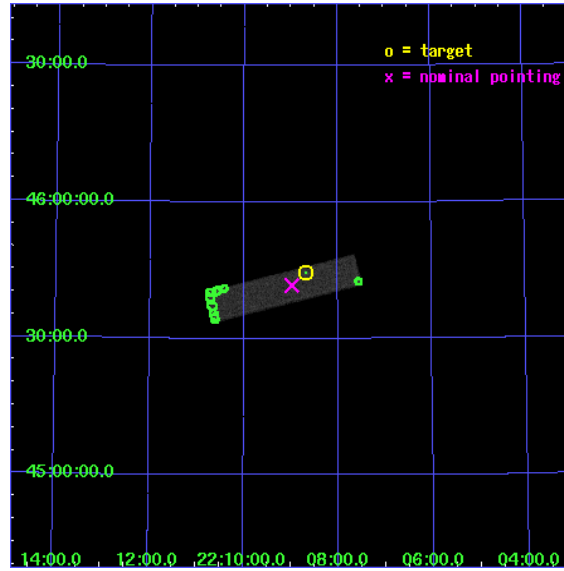
L2 Processing Date : Sep 30 2006

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1 Front

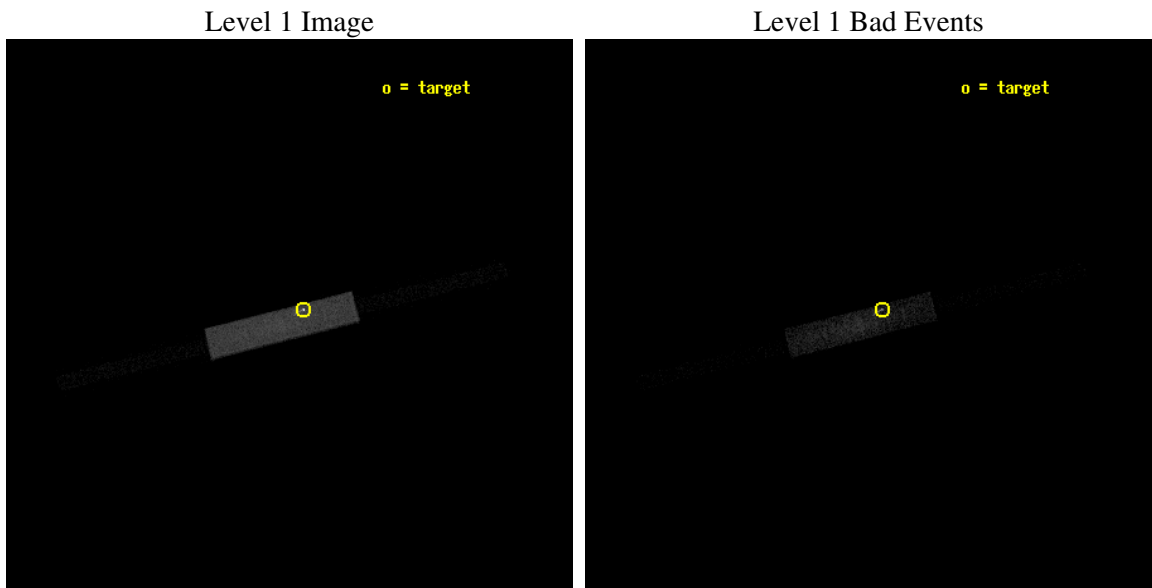
seq_num	290205
obs_id	2649
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.24481767107
dec_nom	45.695522504339
roll_nom	165.79825507626
revision	2
ontime	1143.1312970817
livetime	1137.6279406419
l2events	36302



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	2006-09-30T11:34:03
revision	2

sched_exp_time	1000.000000
ontime	1193.3562991619
l1events	63663

2.1.3 Events

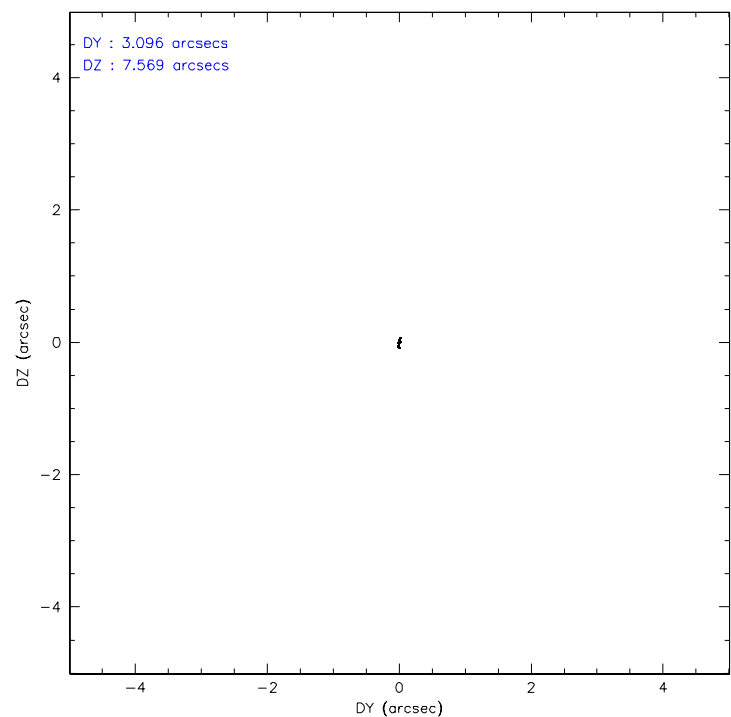
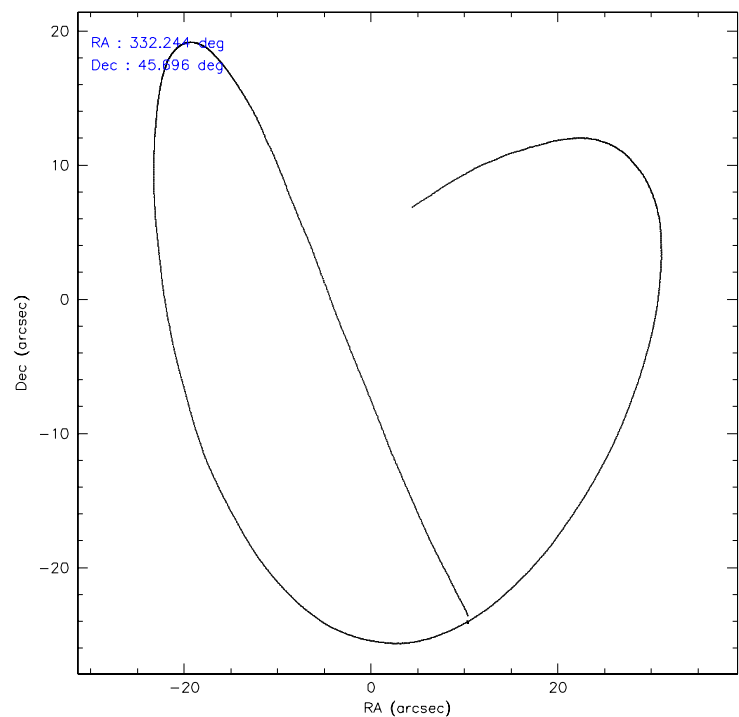
Level 1 Events

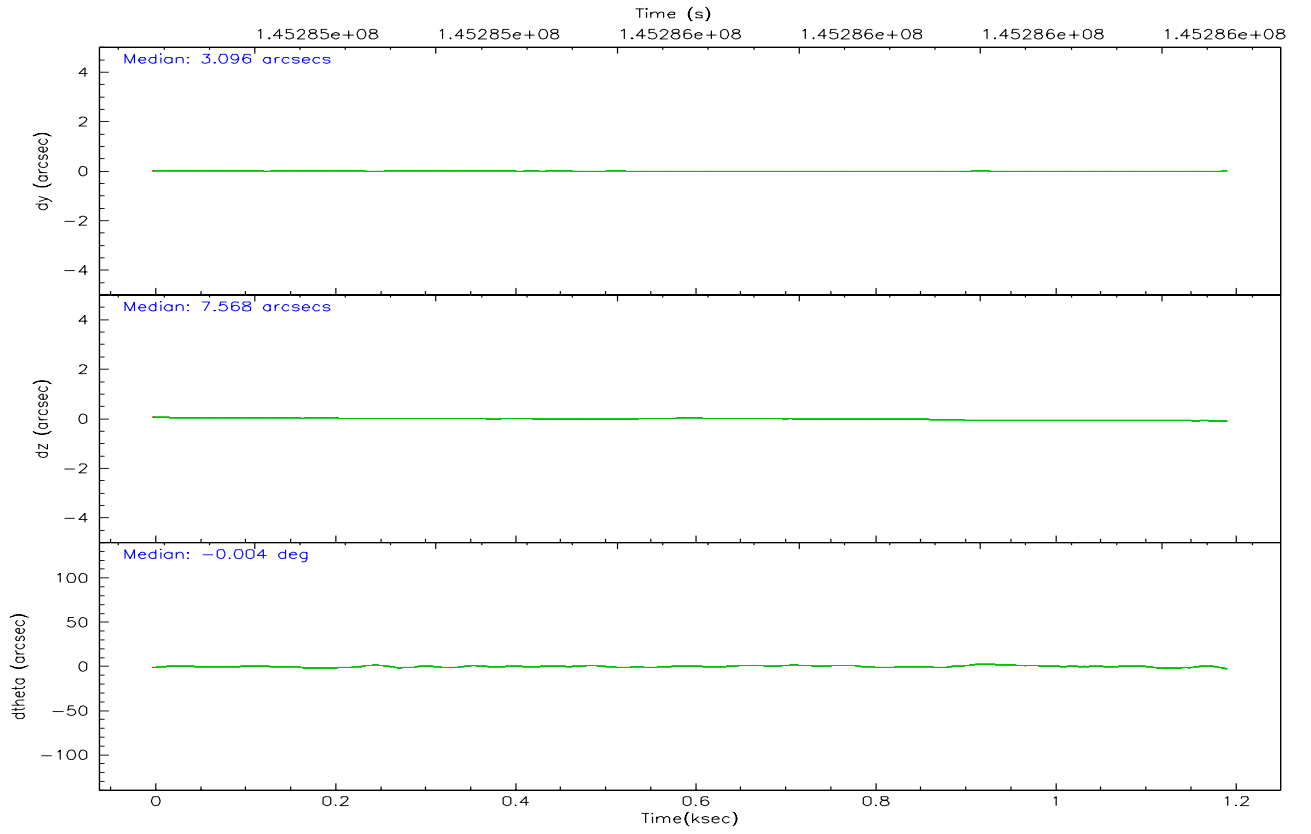
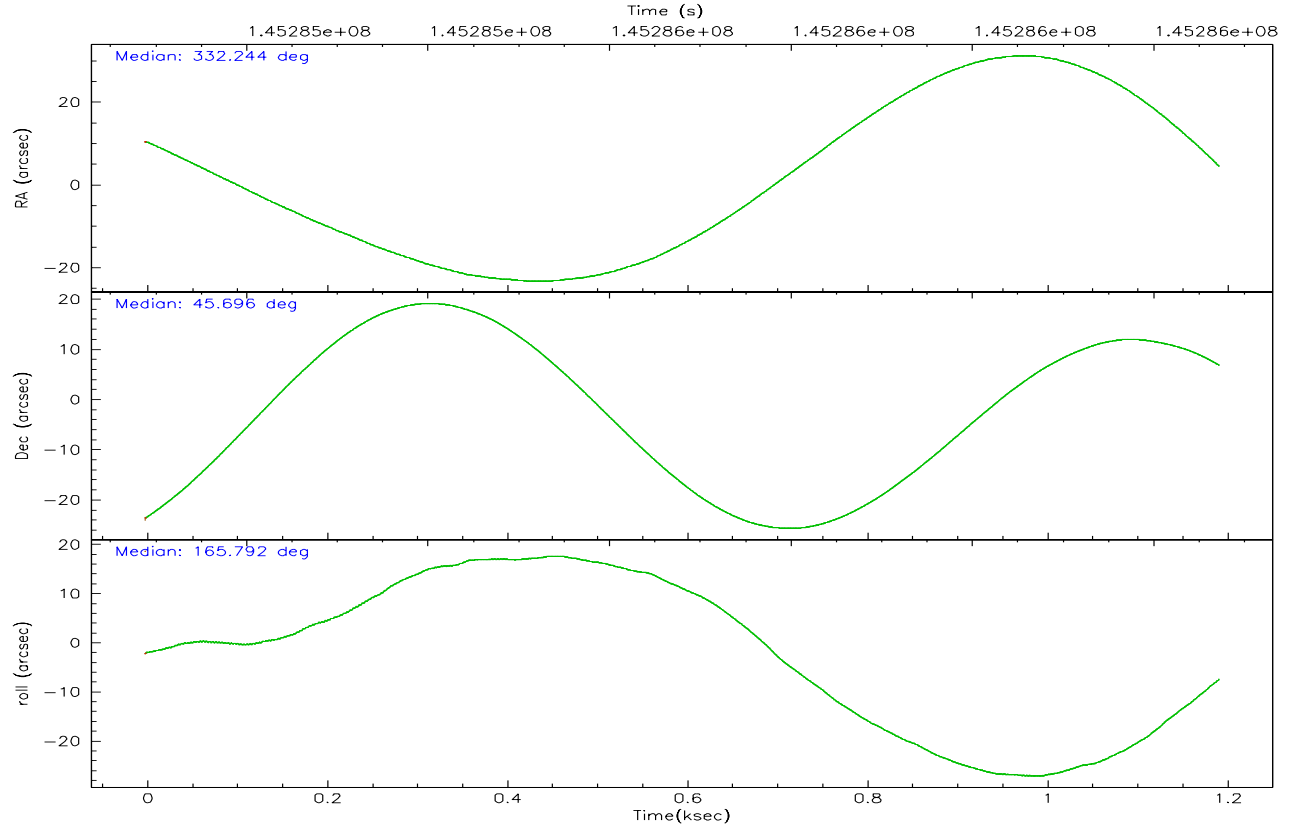
	segment 1	segment 2	segment 3
level 1 events	994	61682	987
rejected events	994	22744	987
rejected %	100%	36%	100%

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	332.283159	332.2448176710714			
Pointing Dec	45.703997	45.69552250433902			
Pointing Roll	165.703427	165.7982550762592			
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	145285278.184000	145284901.84934			
Observation start date	2002-08-09T13:00:14	2002-08-09T12:55:01			
Observation end time	145286278.184000	145286412.1869			
Observation end date	2002-08-09T13:16:54	2002-08-09T13:20:12			

2.3 Aspect



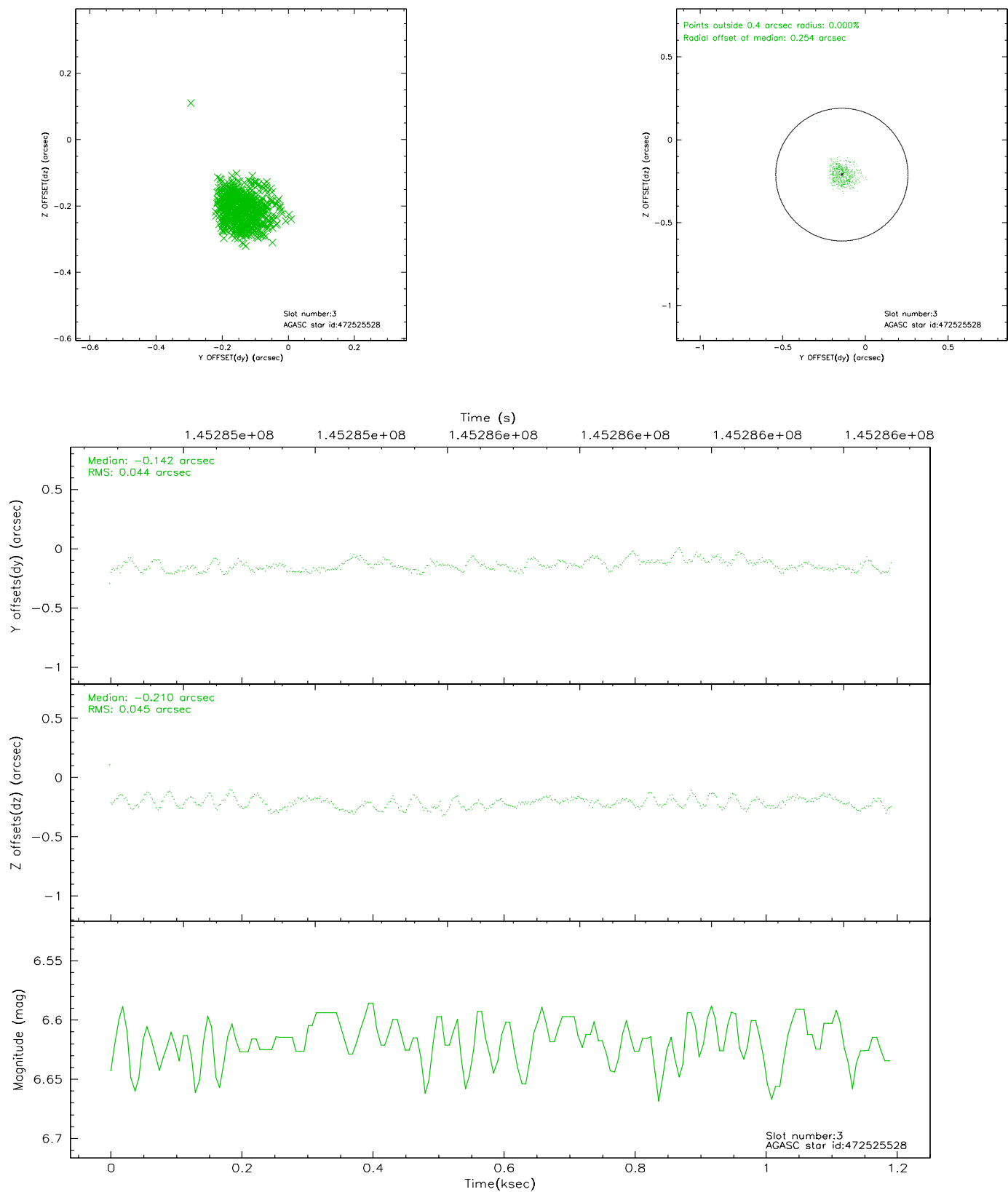


Slot Statistics

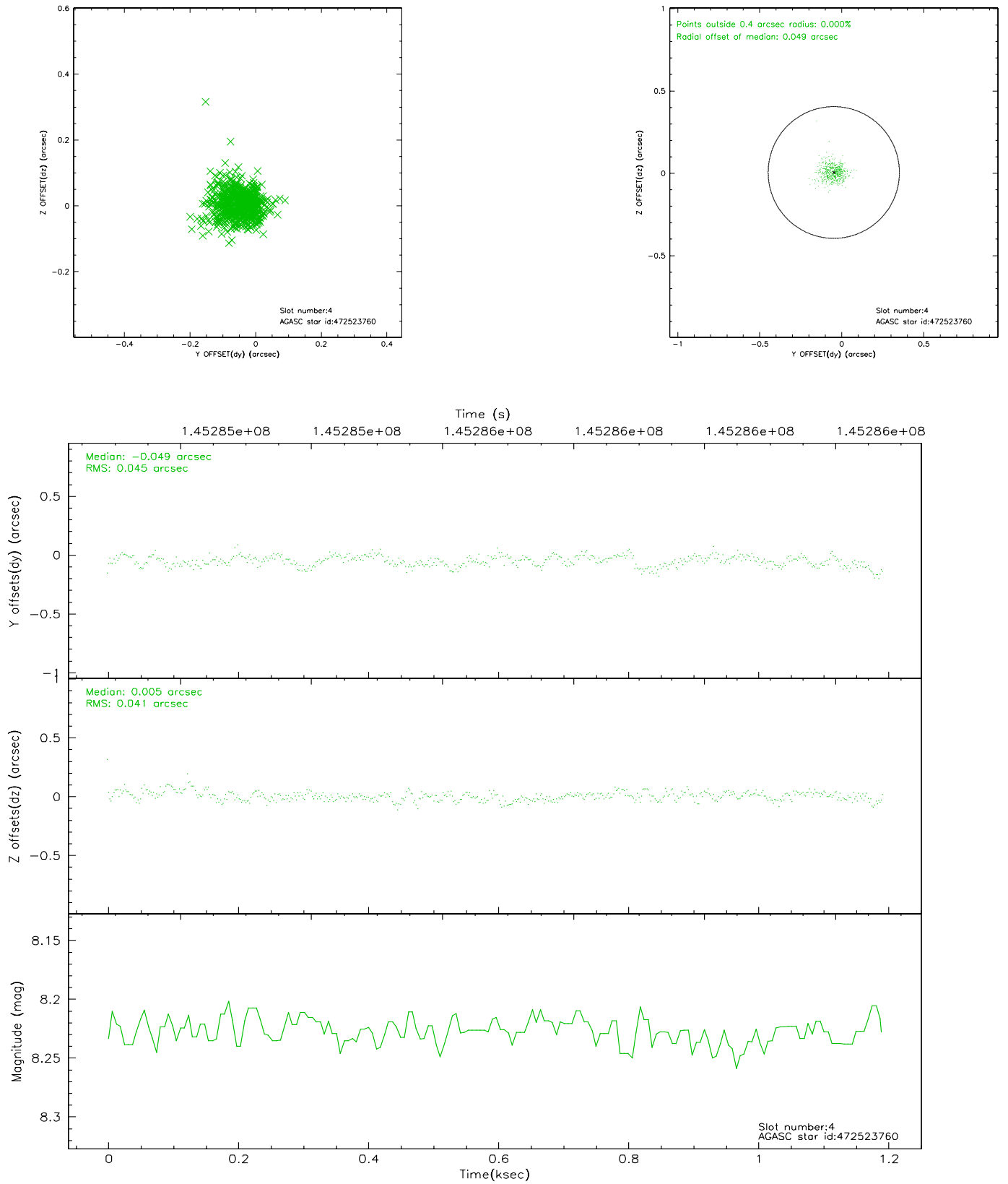
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	292	0.153	-0.113	0.005	0.017	0.000000	0.000000	-1157.11	-456.13
1	FID	HRC-S-2	7.01	292	0.091	-0.118	0.009	0.018	0.000000	0.000000	1238.55	-450.30
2	FID	HRC-S-4	6.96	292	0.160	-0.073	0.008	0.015	0.000000	0.000000	1245.38	574.49
3	GUIDE	472525528	6.62	583	-0.142	-0.210	0.065	0.103	331.551102	45.248694	1394.60	2041.08
4	GUIDE	472523760	8.23	583	-0.049	0.005	0.062	0.106	331.645363	45.403260	1298.27	1447.49
5	GUIDE	472665256	9.01	583	0.076	0.255	0.079	0.135	332.808125	46.195041	-827.84	-2034.84
6	GUIDE	472659832	9.46	583	0.080	0.146	0.096	0.159	332.780399	46.098139	-852.94	-1685.92
7	GUIDE	472654568	9.45	581	0.032	-0.186	0.110	0.178	332.194449	45.063576	-352.74	2289.29

2.4 Star Slots

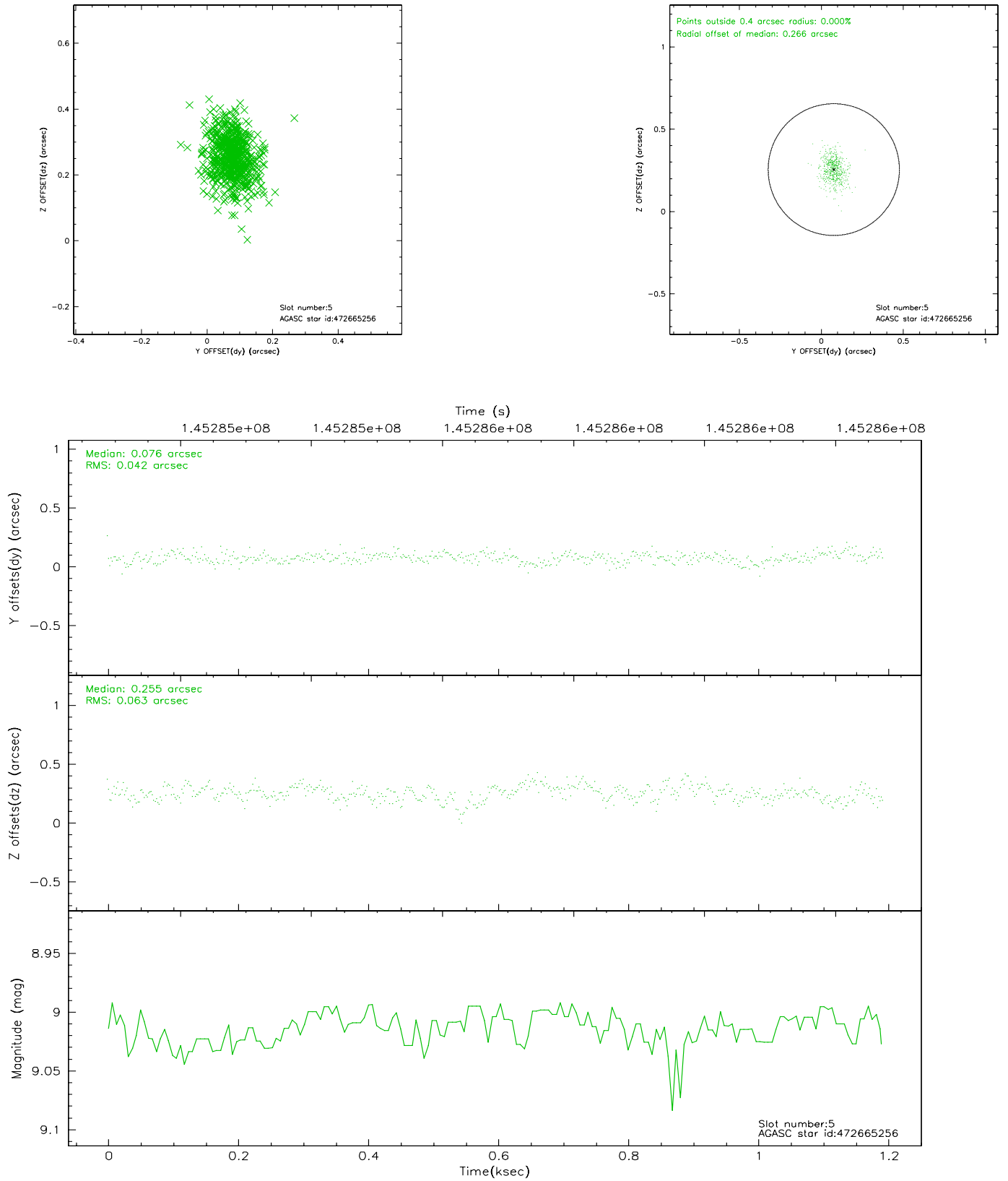
2.4.1 Slot 3



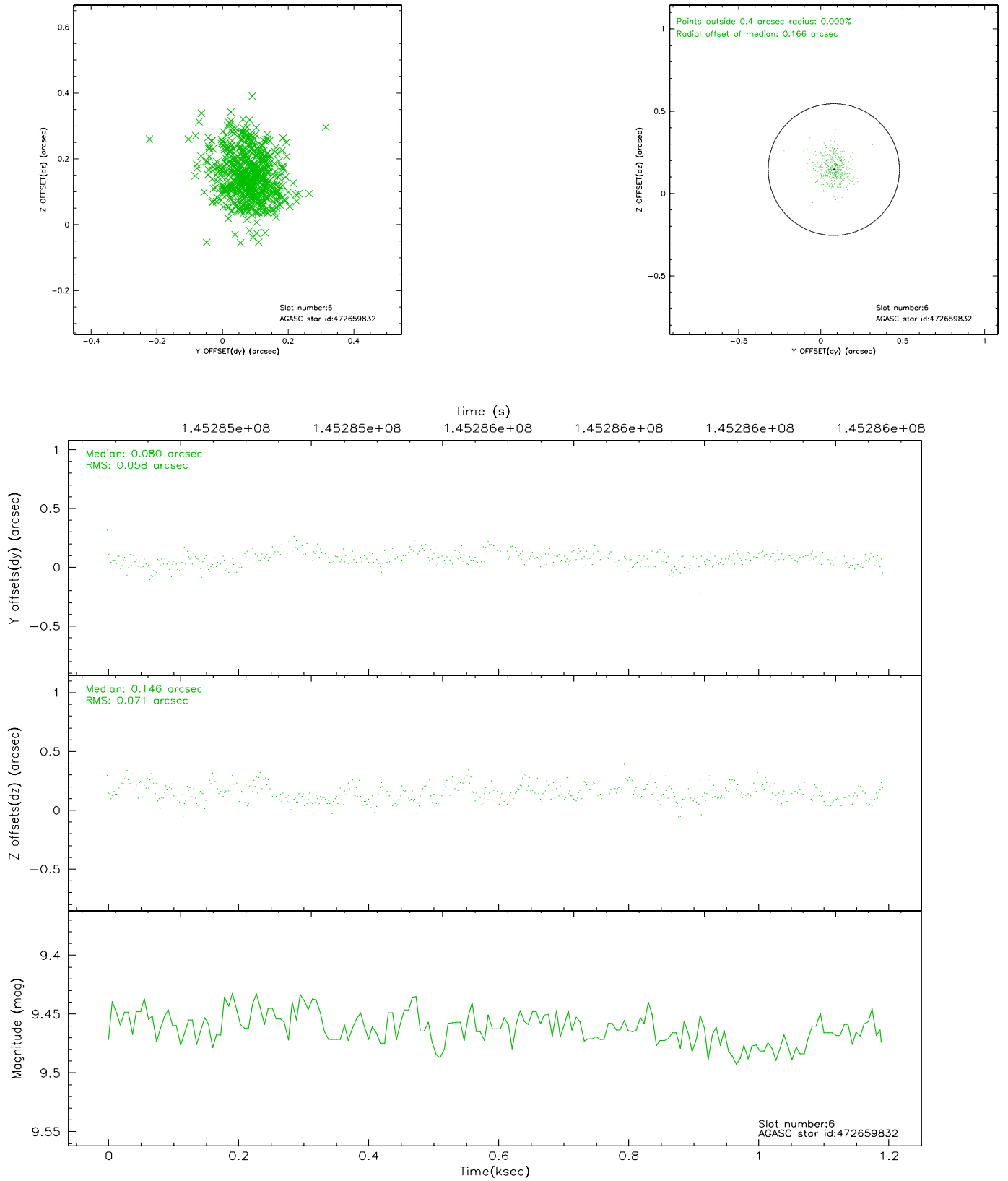
2.4.2 Slot 4



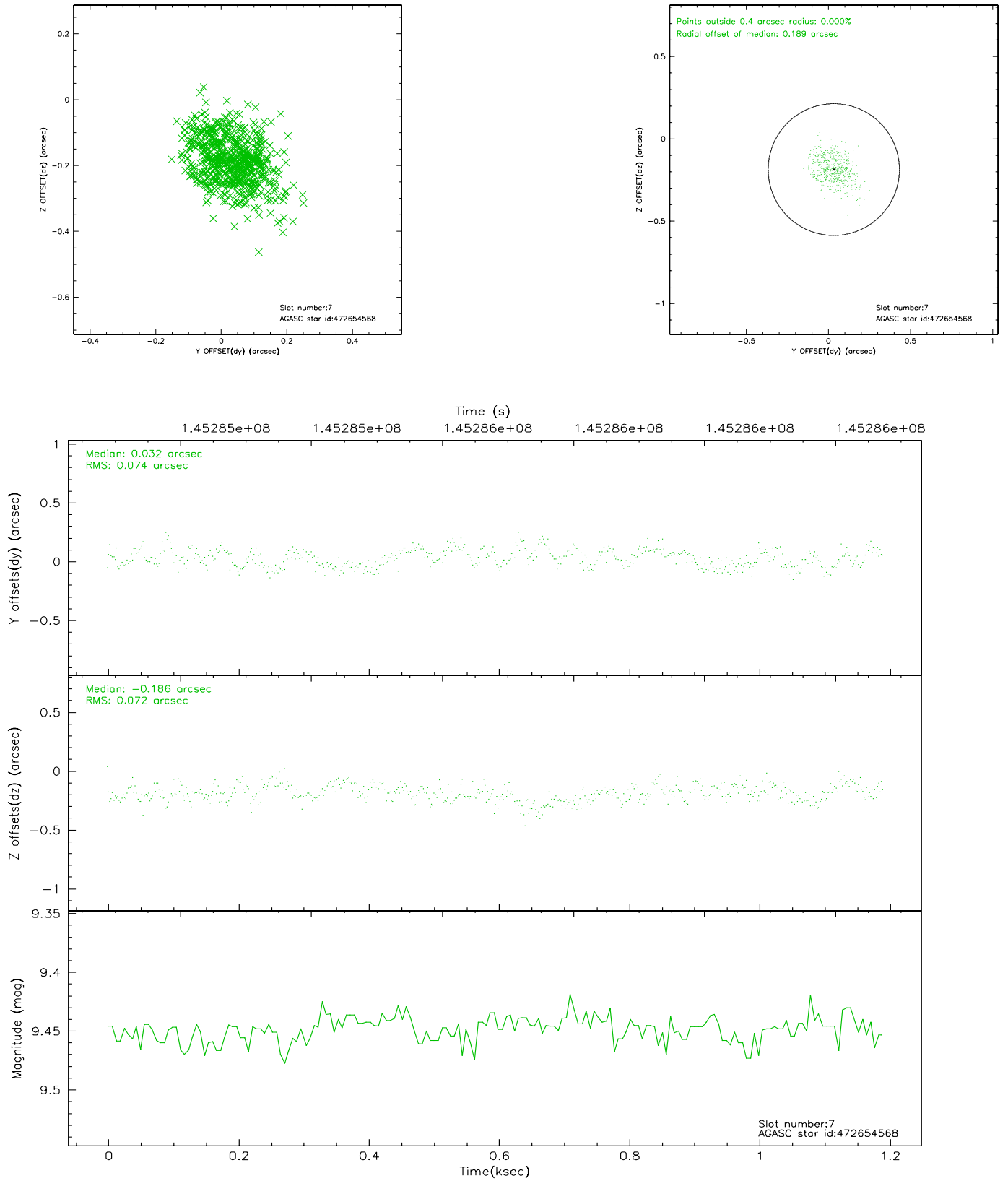
2.4.3 Slot 5



2.4.4 Slot 6

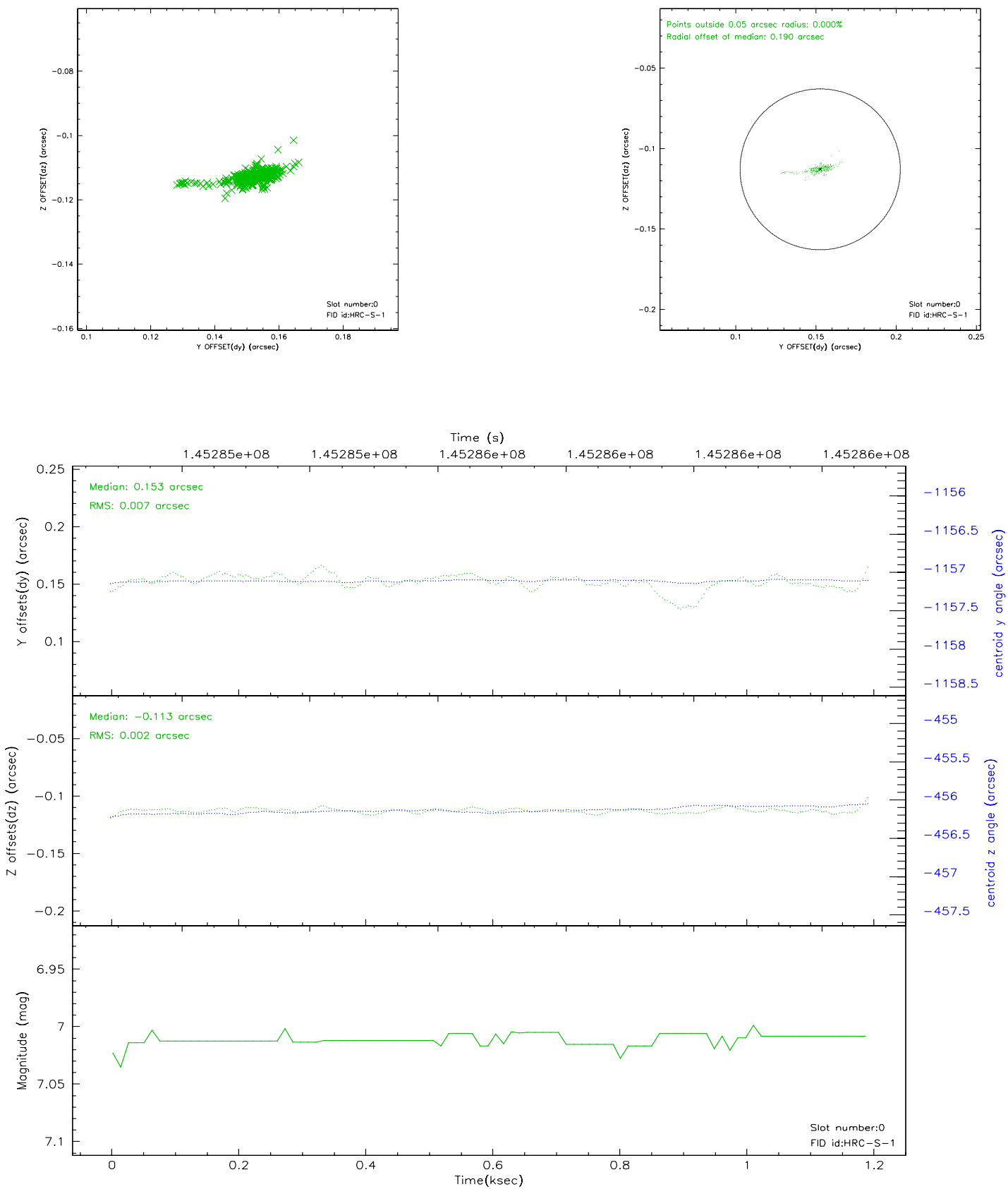


2.4.5 Slot 7

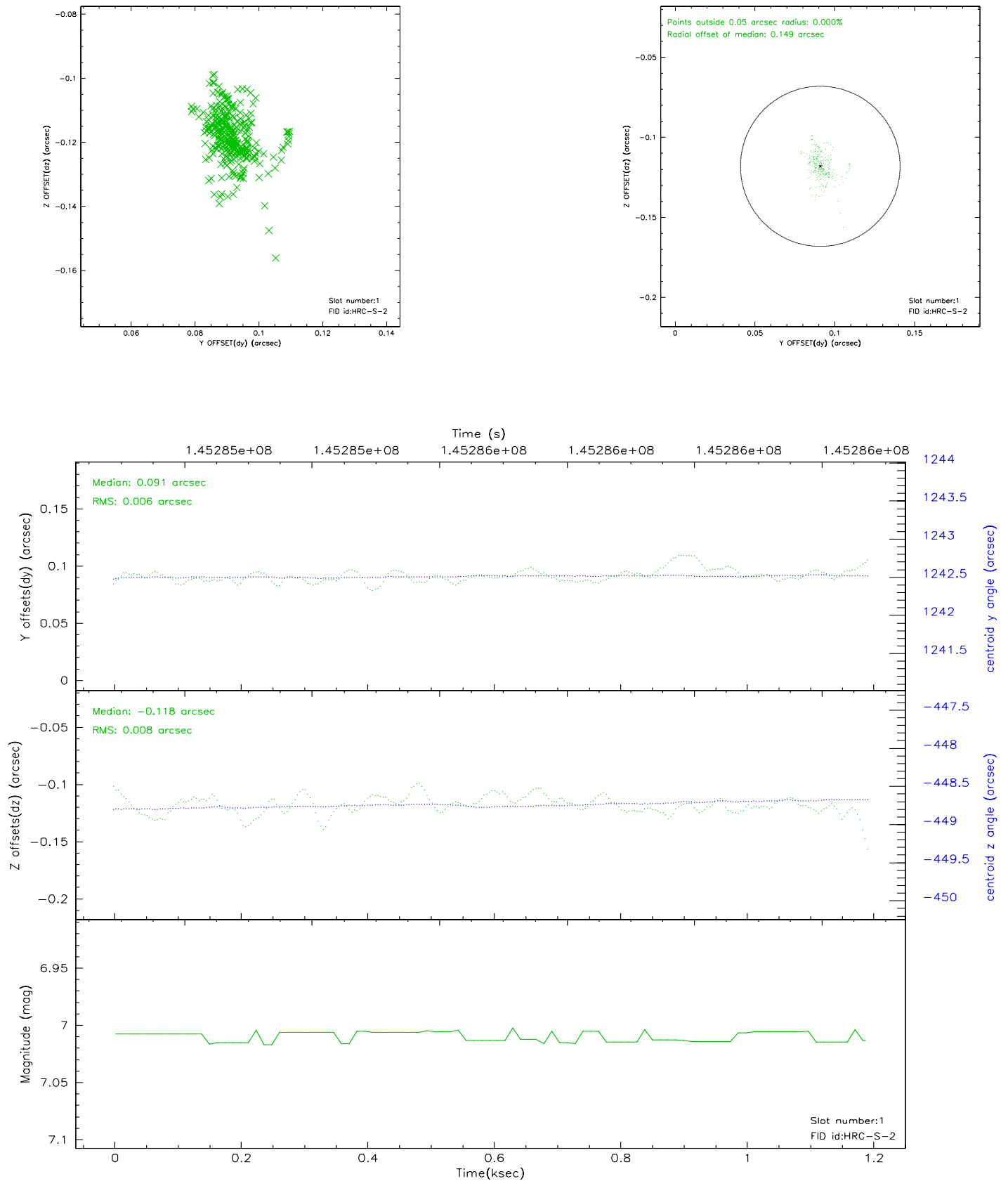


2.5 FID Slots

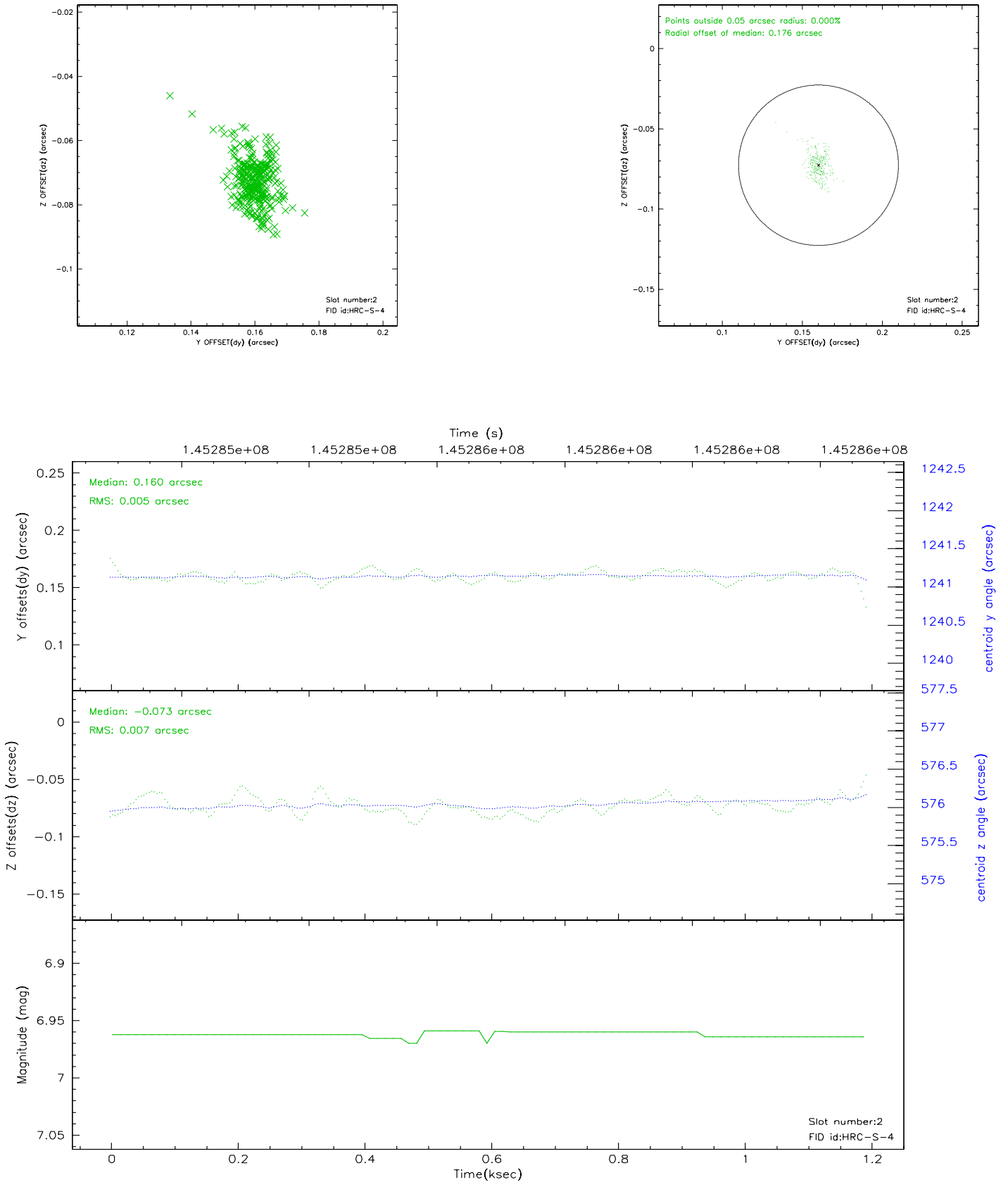
2.5.1 Slot 0



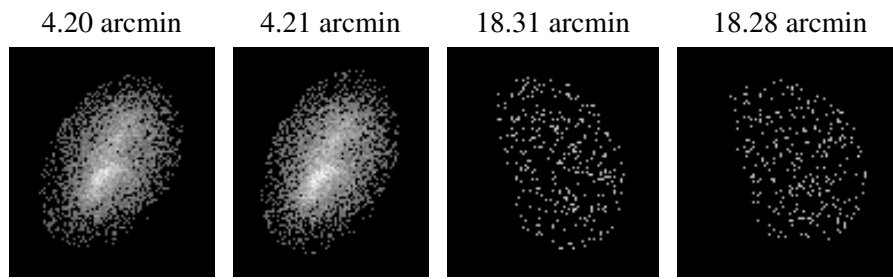
2.5.2 Slot 1



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	1.186

A.2 Comments

Monitor constraint met.