

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2643 - L2 Version 001
Chandra X-Ray Center

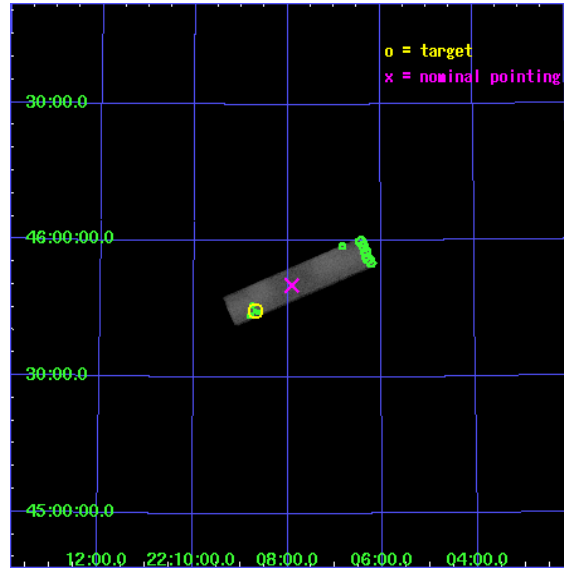
L2 Processing Date : Aug 29 2006

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1 Front

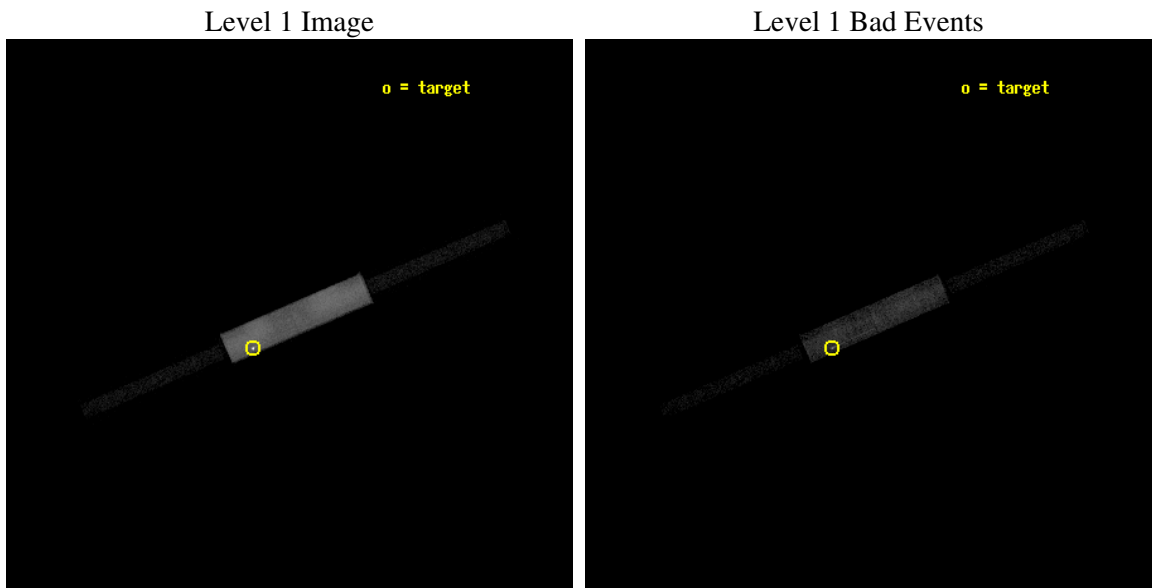
seq_num	290199
obs_id	2643
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.97705650287
dec_nom	45.838056156148
roll_nom	336.68208879211
revision	2
ontime	1142.1062960029
livetime	1129.0552863809
l2events	99640



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T05:08:13
revision	2

sched_exp_time	1000.000000
ontime	1194.1250481009
l1events	158512

2.1.3 Events

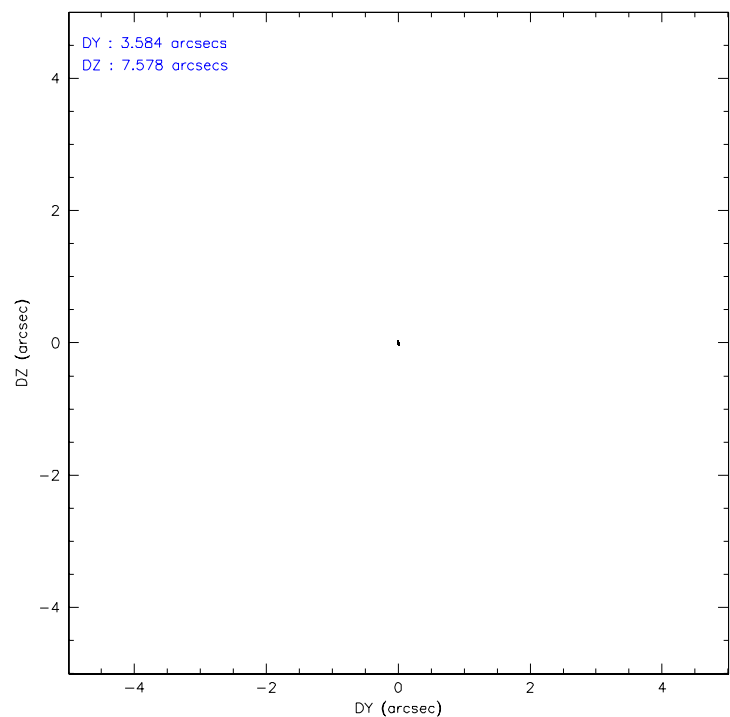
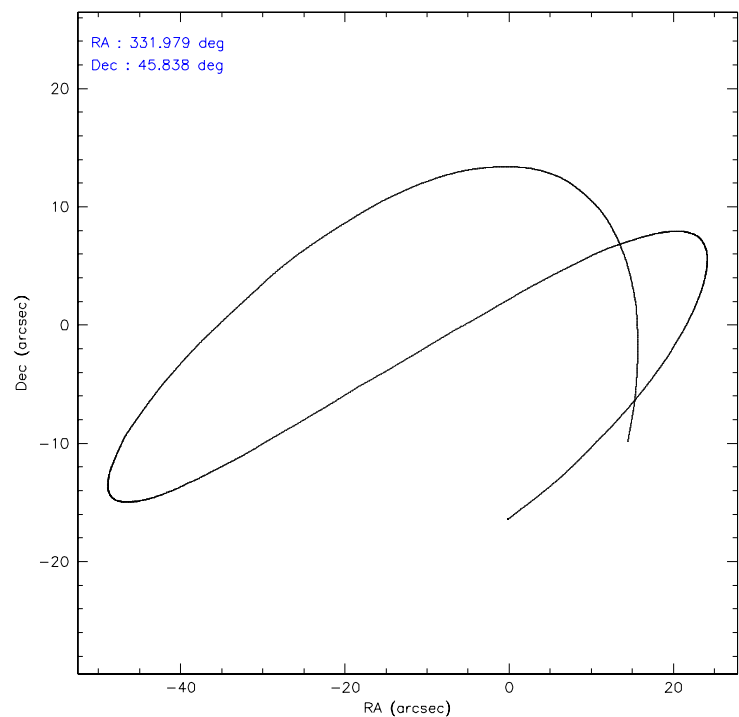
Level 1 Events

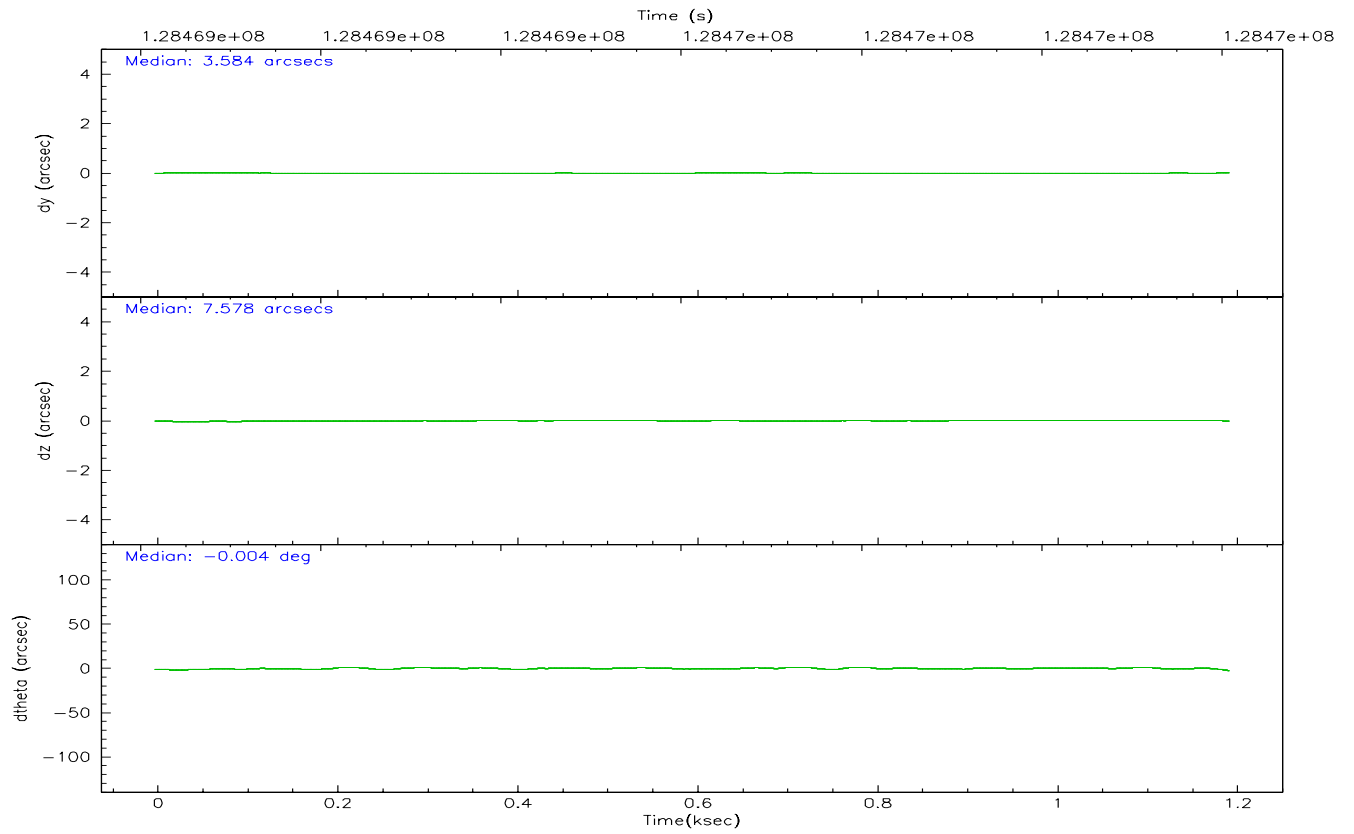
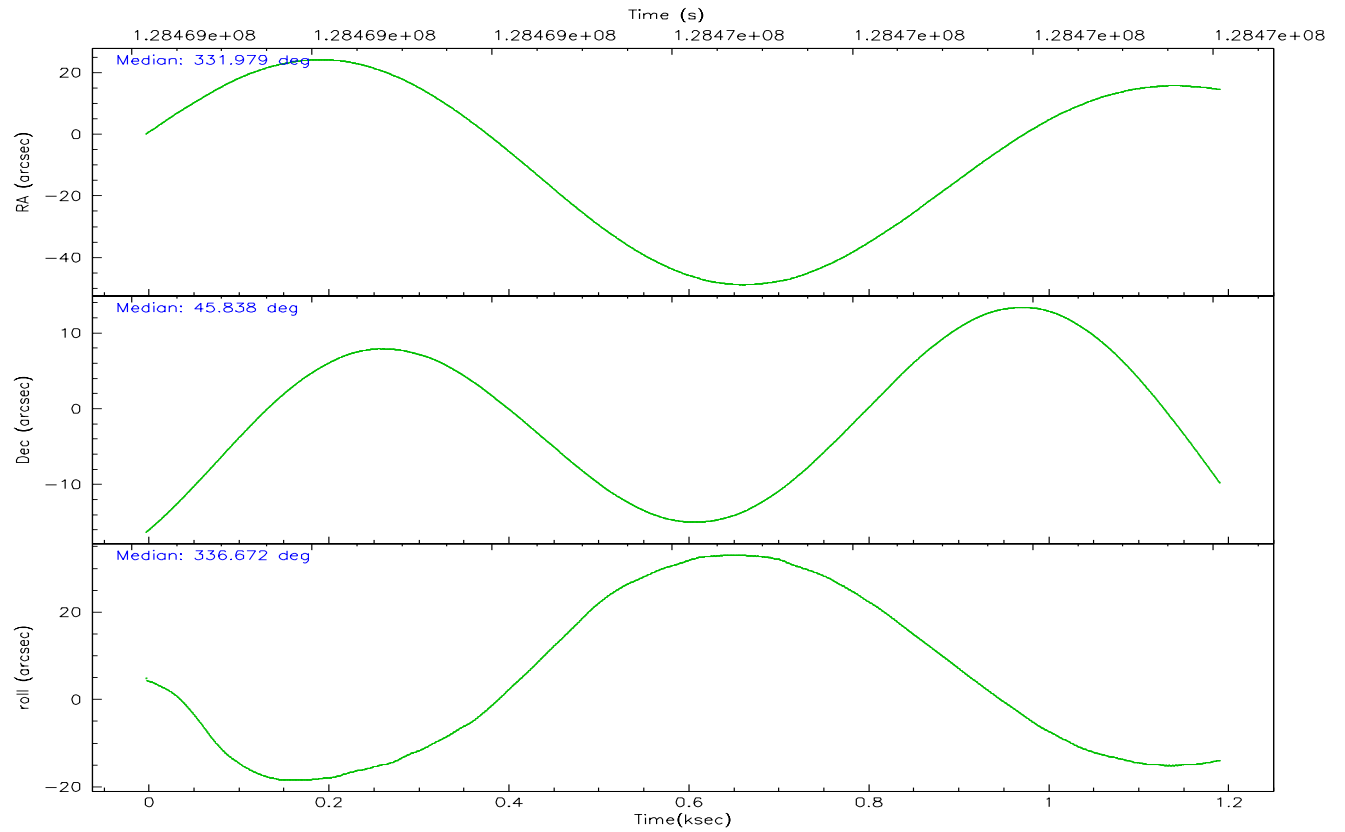
	segment 1	segment 2	segment 3
level 1 events	3700	151730	3082
rejected events	3700	48835	3082
rejected %	100%	32%	100%

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	331.935358	331.977056502867			
Pointing Dec	45.832508	45.83805615614826			
Pointing Roll	336.644640	336.6820887921091			
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	128469207.184000	128468831.11439			
Observation start date	2002-01-26T21:52:23	2002-01-26T21:47:11			
Observation end time	128470207.184000	128470341.45195			
Observation end date	2002-01-26T22:09:03	2002-01-26T22:12:21			

2.3 Aspect



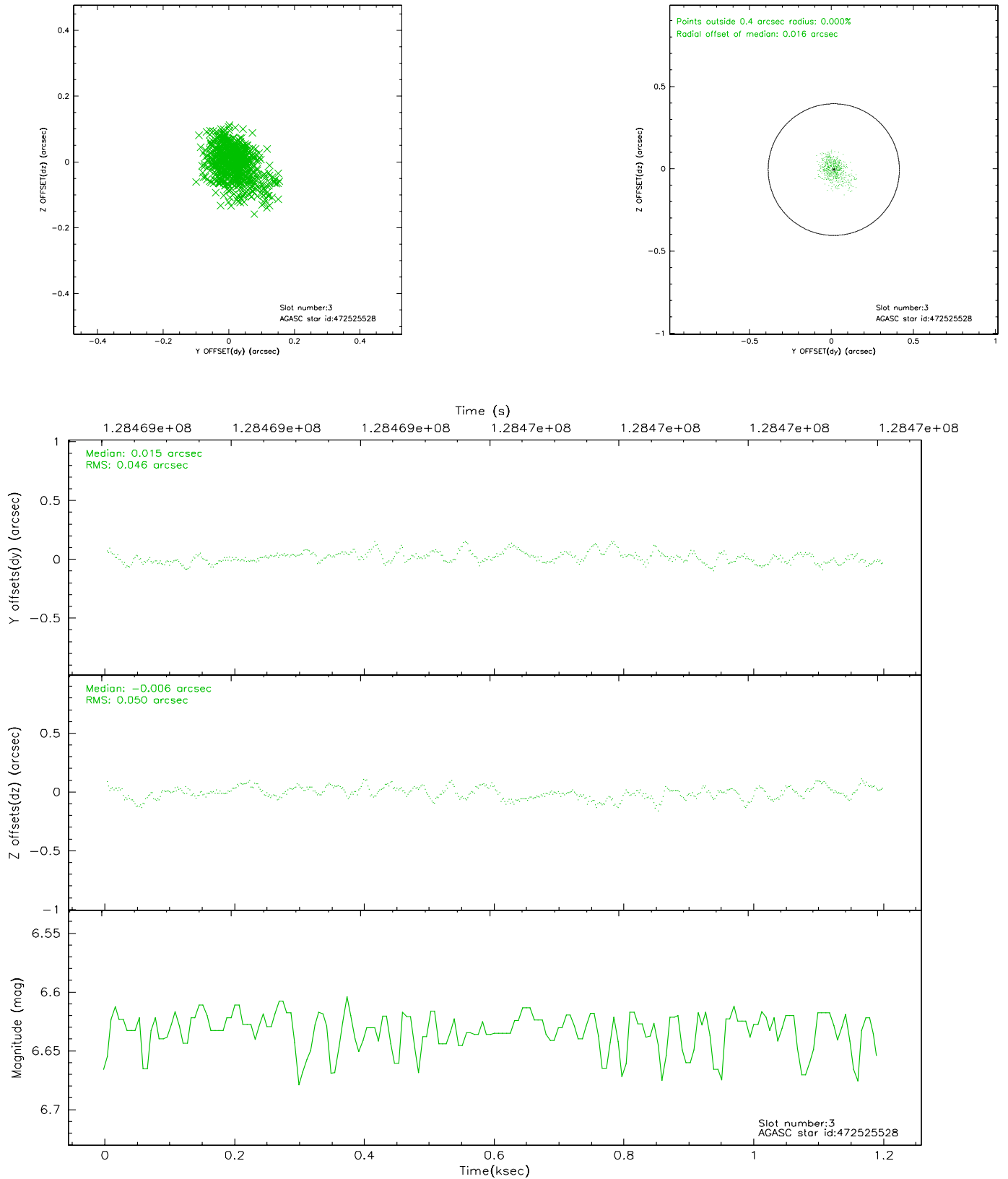


Slot Statistics

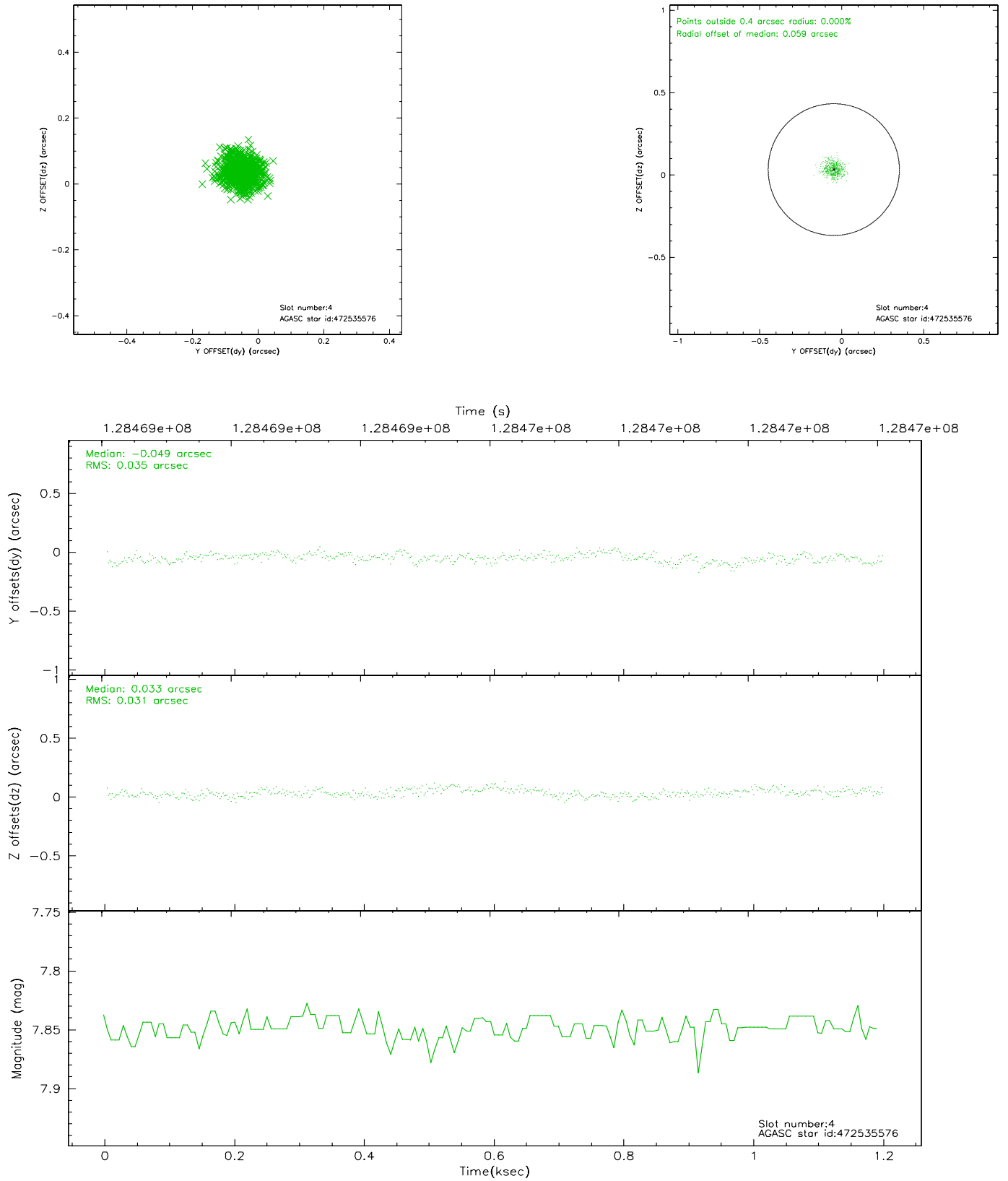
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	292	0.157	-0.082	0.007	0.012	0.000000	0.000000	-1157.61	-456.12
1	FID	HRC-S-2	6.99	292	0.074	-0.088	0.005	0.009	0.000000	0.000000	1238.02	-450.30
2	FID	HRC-S-3	7.01	292	0.160	-0.132	0.007	0.014	0.000000	0.000000	-1156.10	571.82
3	GUIDE	472525528	6.63	584	0.015	-0.006	0.070	0.123	331.551102	45.248694	-63.35	-2317.88
4	GUIDE	472535576	7.85	584	-0.049	0.033	0.050	0.079	331.438373	46.291802	-1794.18	1022.85
5	GUIDE	472536328	8.12	584	-0.003	0.065	0.063	0.107	331.496671	46.454831	-1893.42	1625.41
6	GUIDE	472665256	9.02	584	-0.037	-0.034	0.088	0.137	332.808125	46.195041	1469.15	2069.90
7	GUIDE	472654568	9.44	582	0.072	-0.060	0.104	0.174	332.194449	45.063576	1702.99	-2279.88

2.4 Star Slots

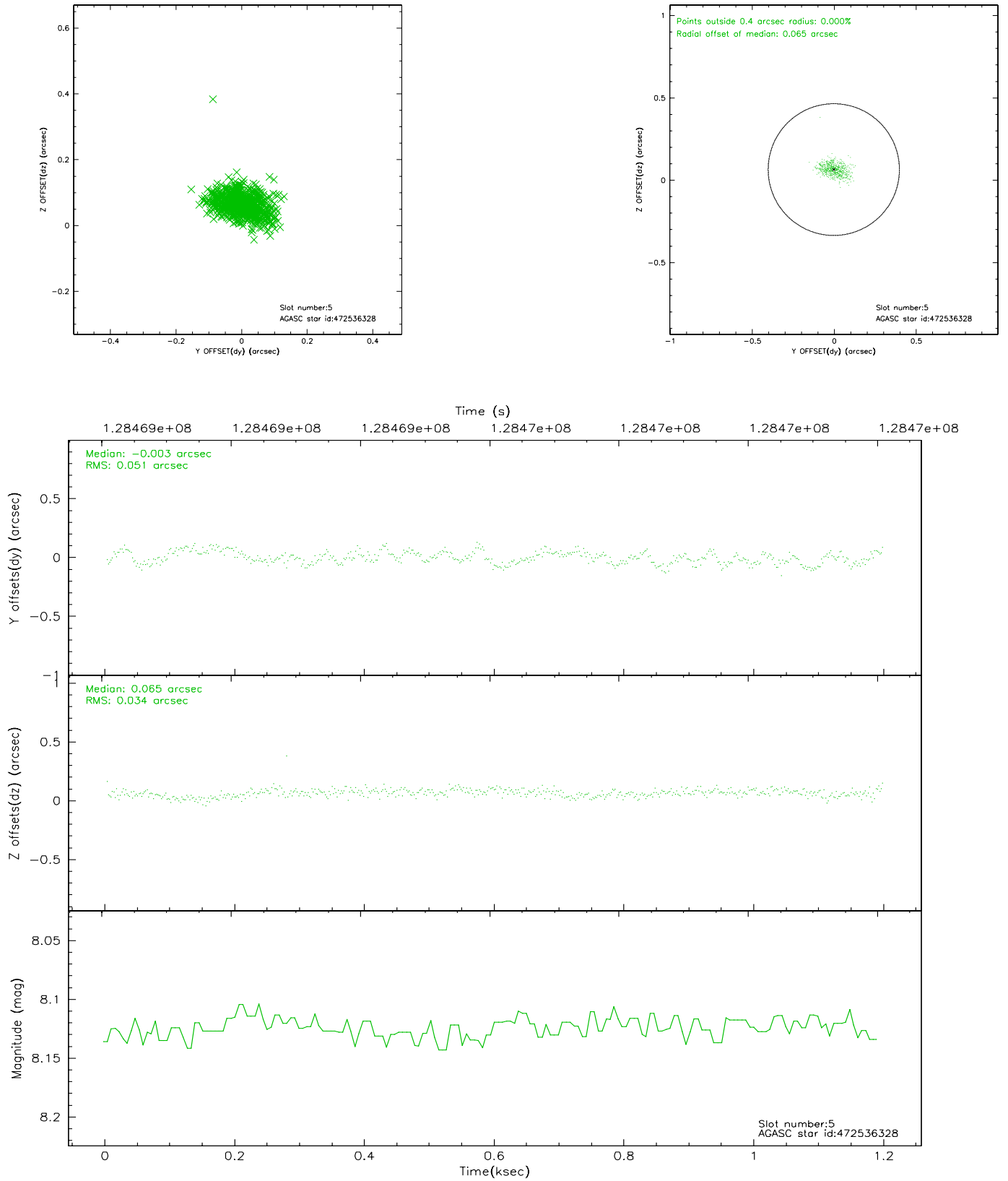
2.4.1 Slot 3



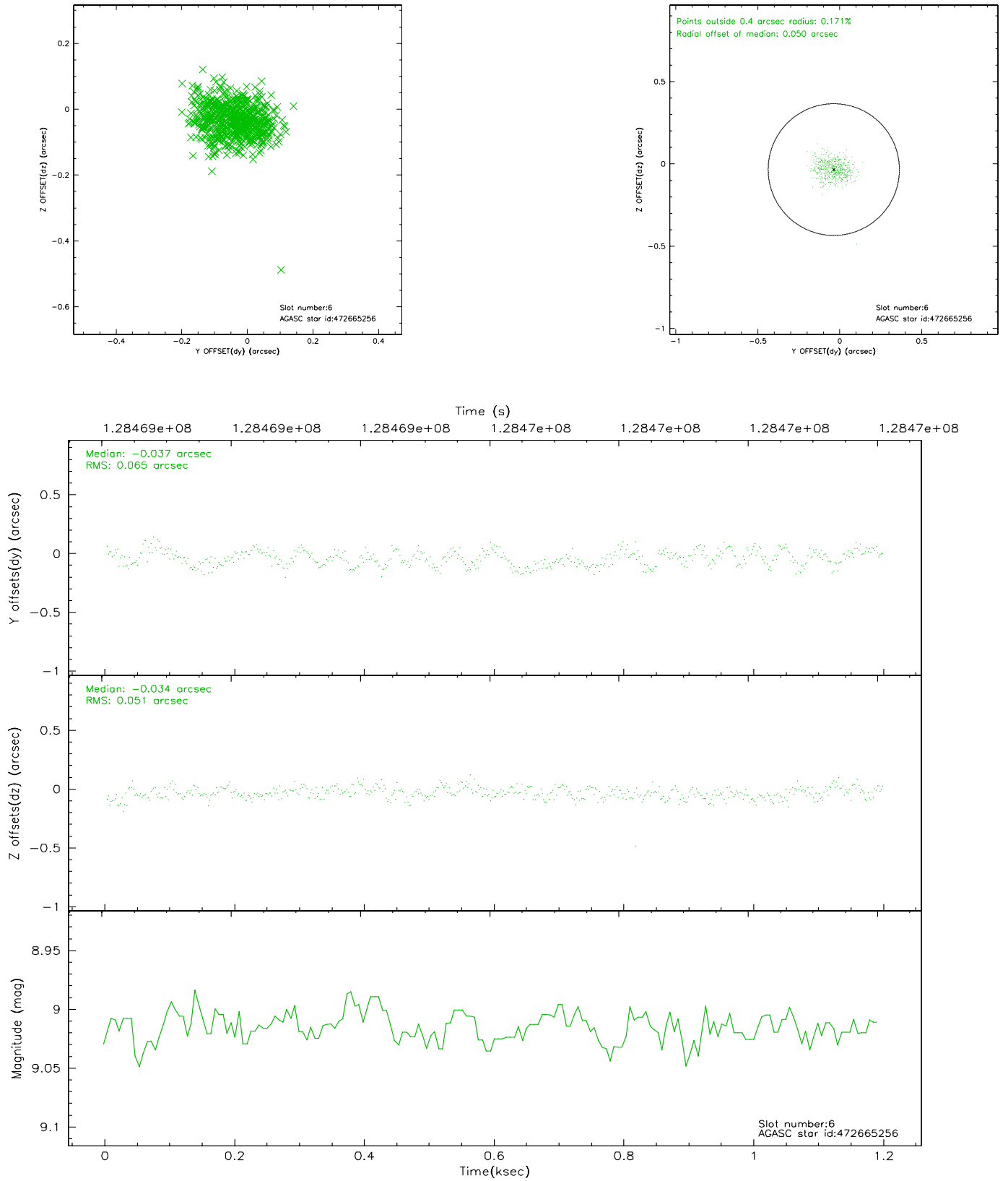
2.4.2 Slot 4



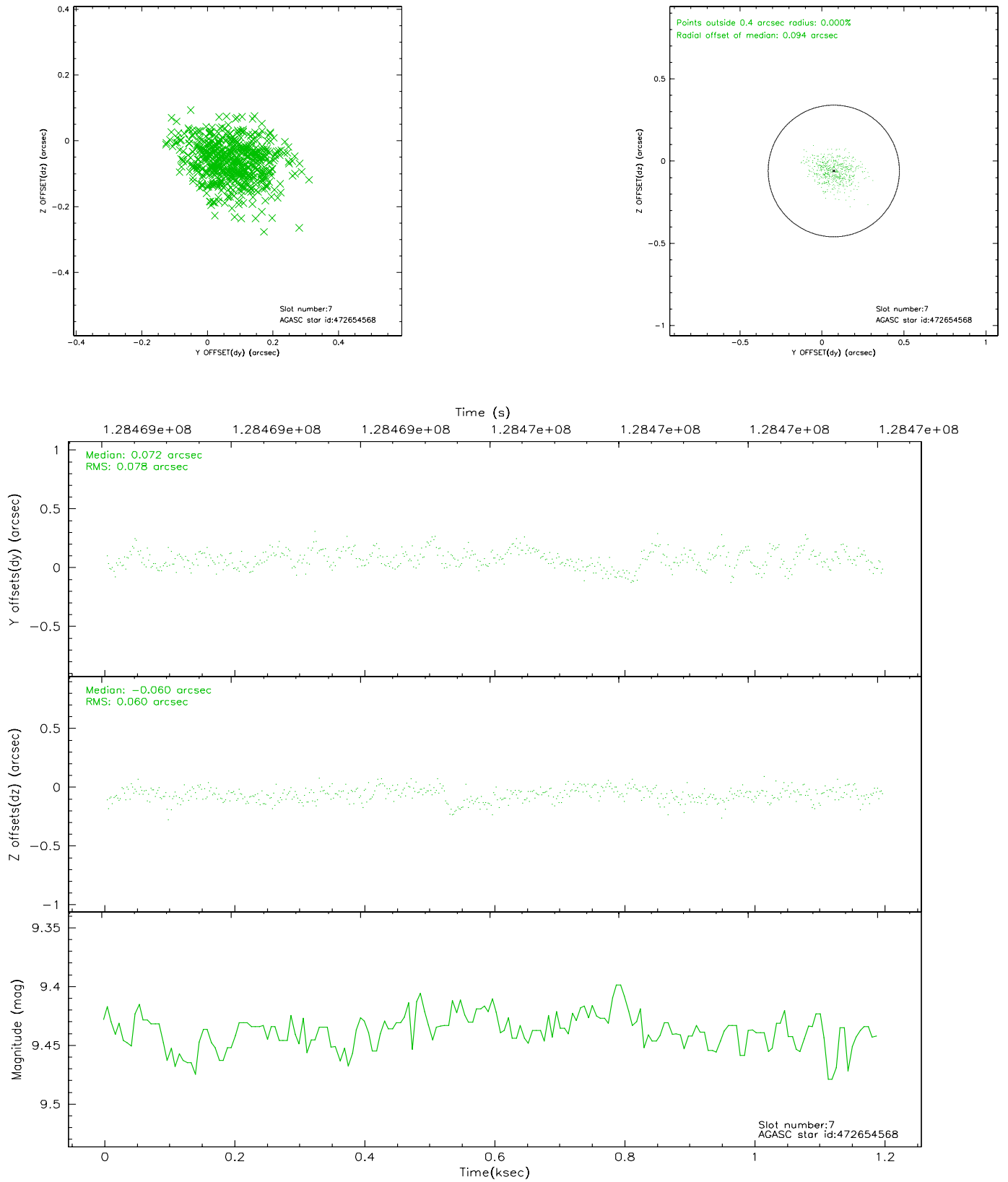
2.4.3 Slot 5



2.4.4 Slot 6

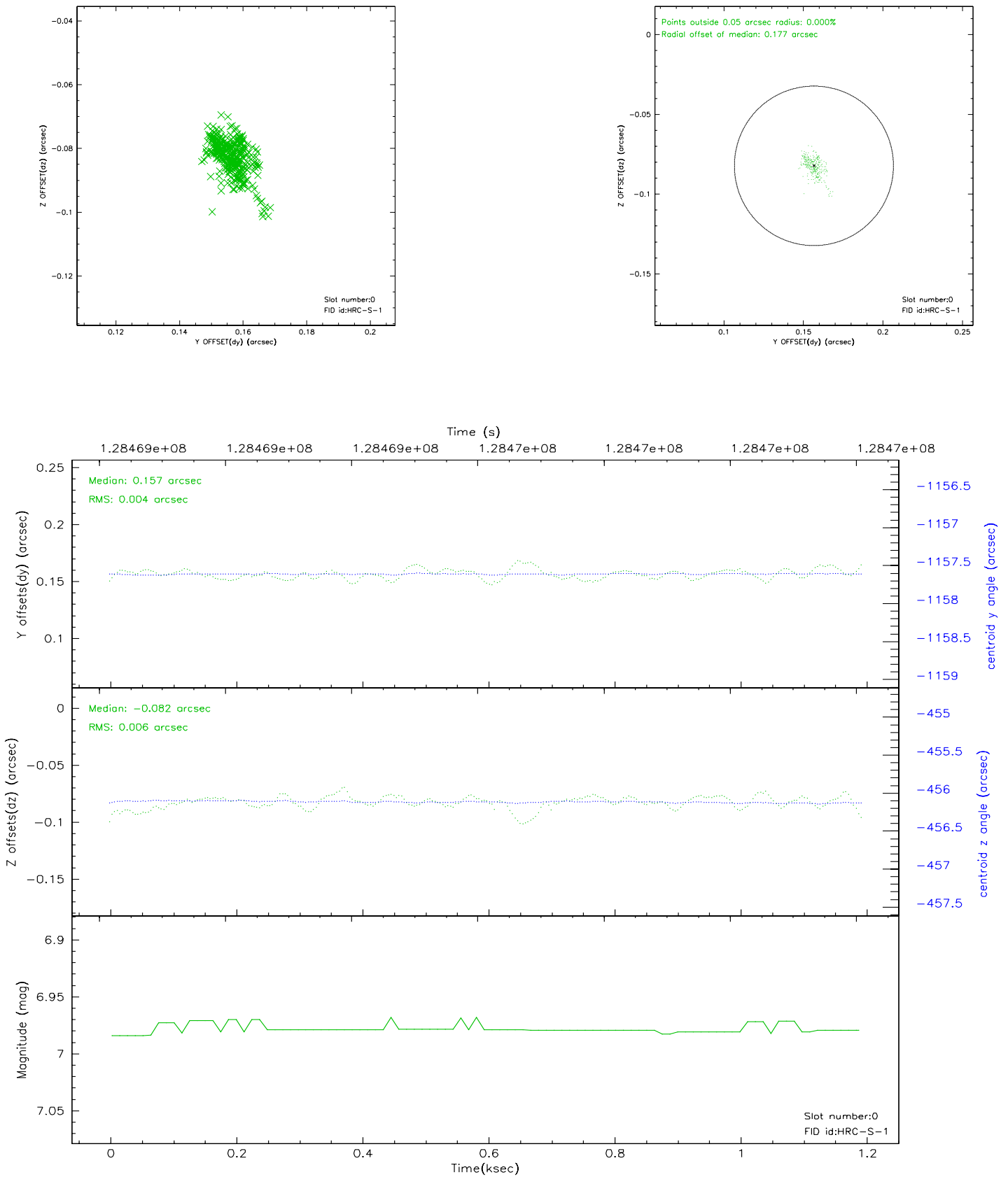


2.4.5 Slot 7

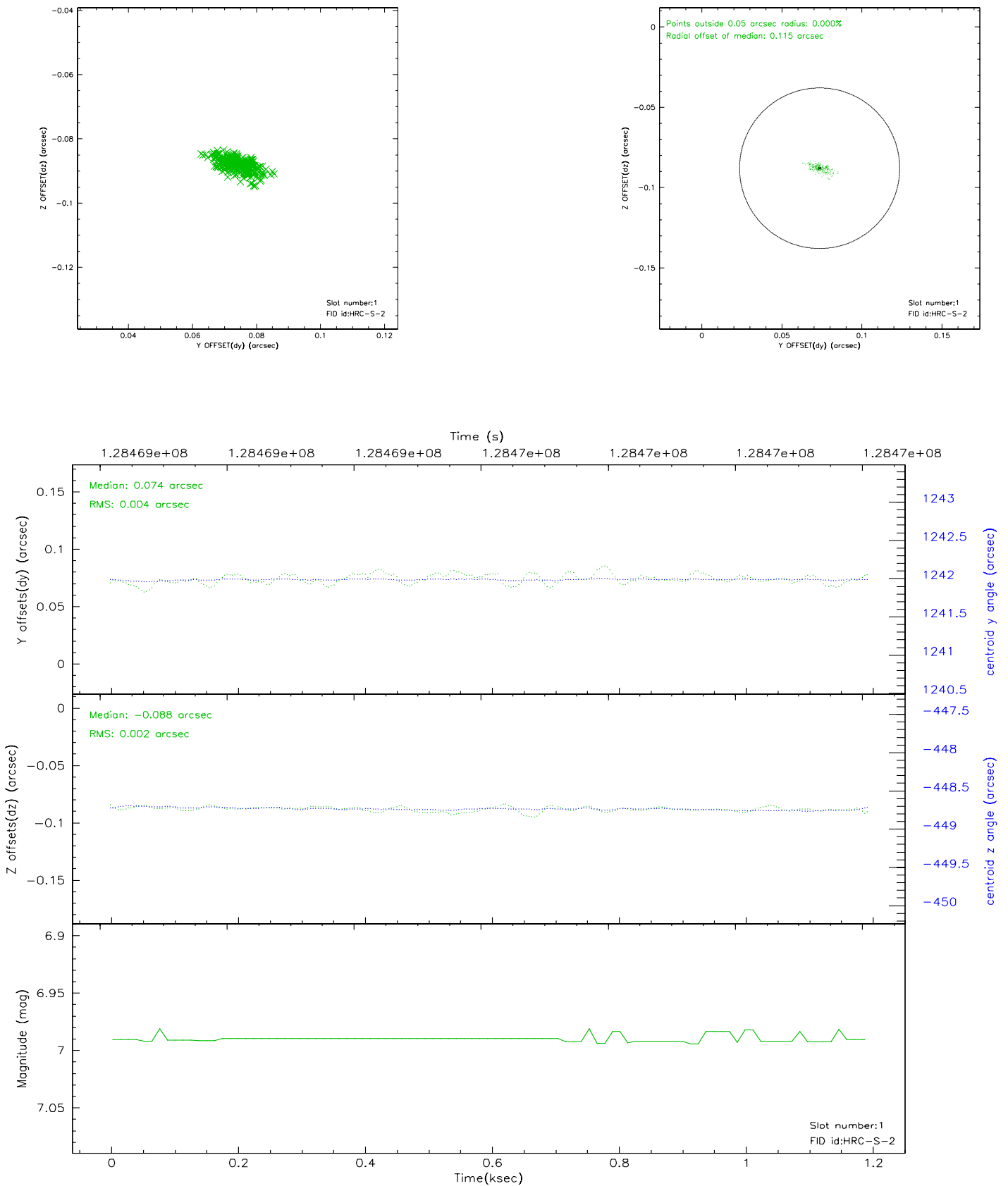


2.5 FID Slots

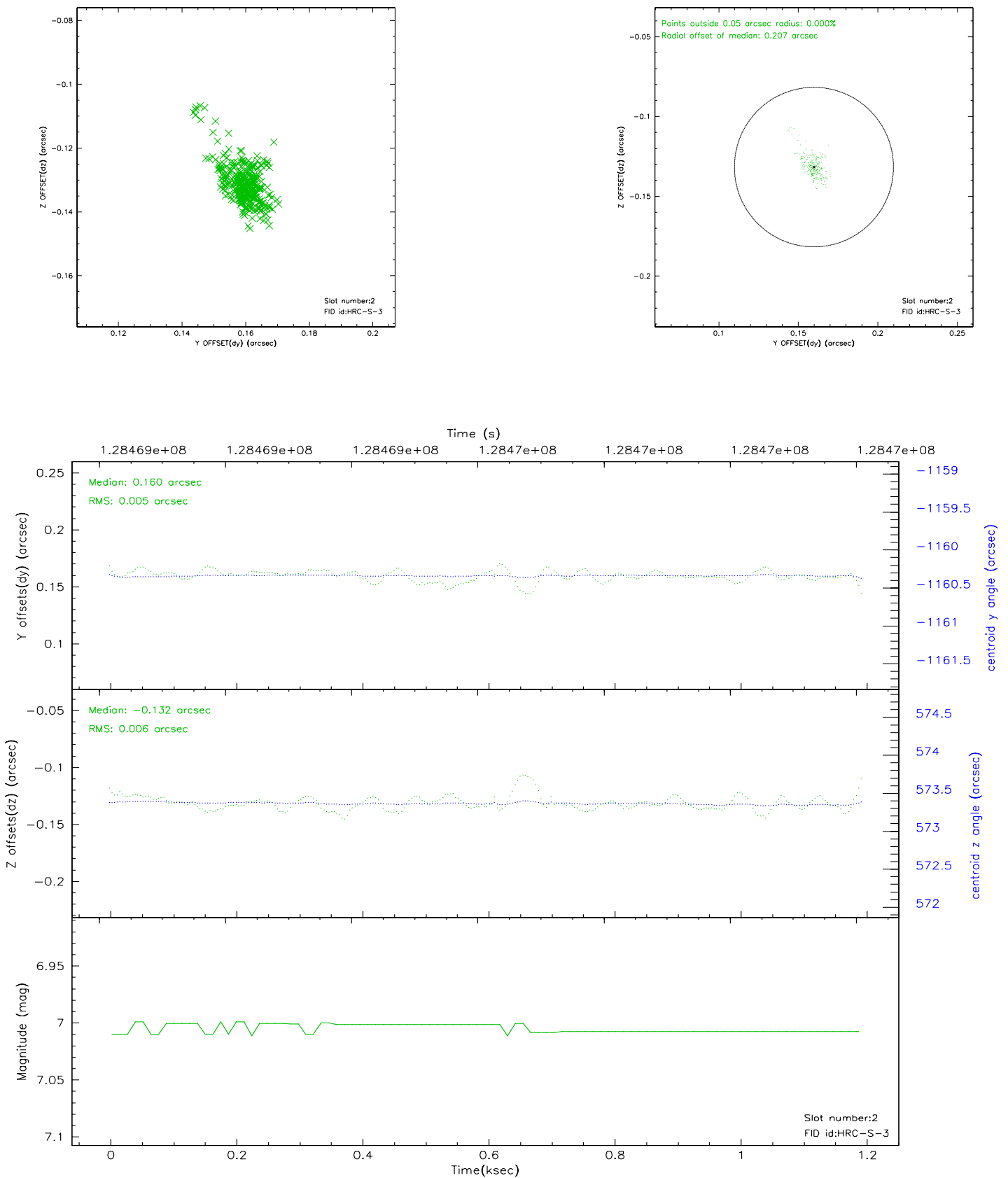
2.5.1 Slot 0



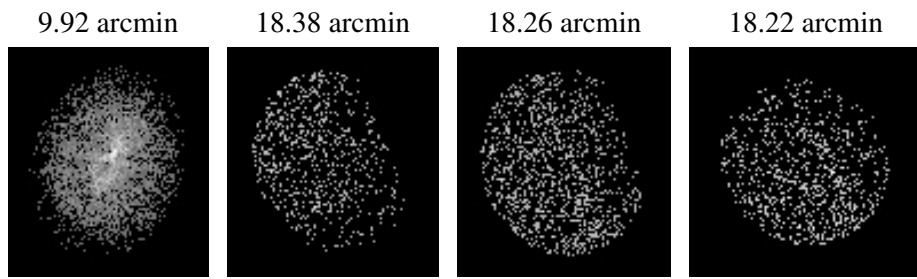
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.187

A.2 Comments

Monitor constraint met.