

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2636 - L2 Version 001
Chandra X-Ray Center

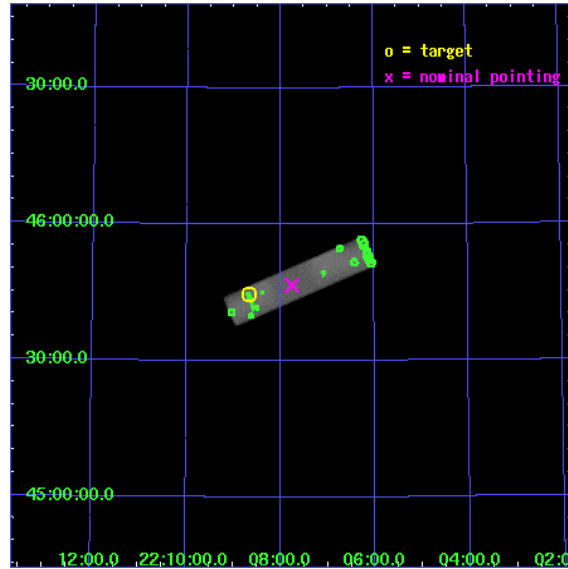
L2 Processing Date : Aug 28 2006

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1 Front

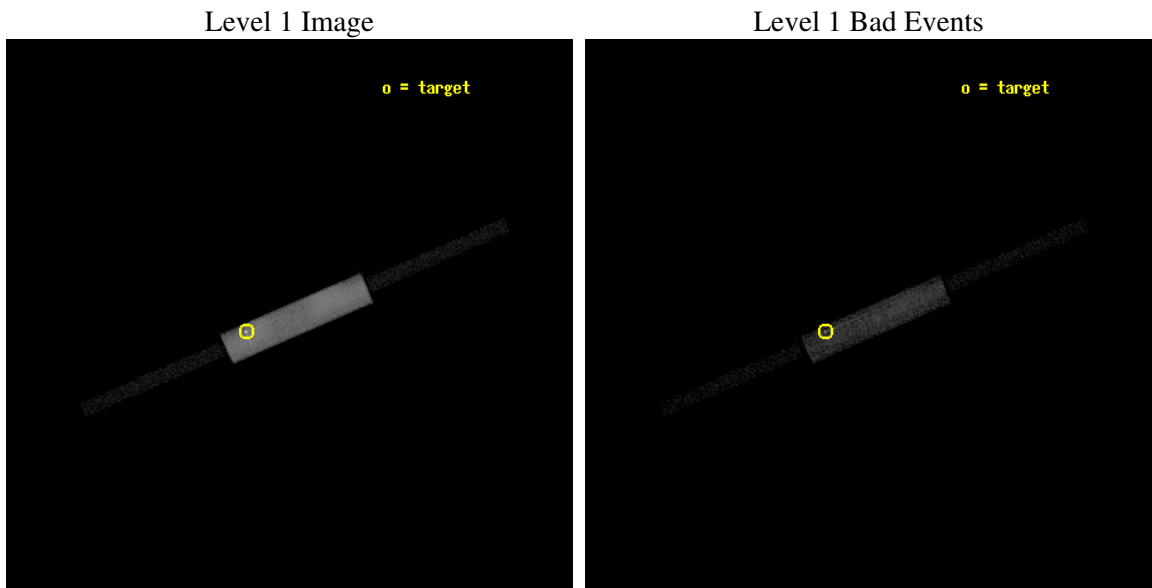
seq_num	290192
obs_id	2636
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.93849879613
dec_nom	45.776560769985
roll_nom	336.59097183989
revision	2
ontime	1149.2812962979
livetime	1130.5466304401
l2events	126944



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	2006-08-29T01:09:57
revision	2

sched_exp_time	1000.000000
ontime	1203.3500484675
l1events	180711

2.1.3 Events

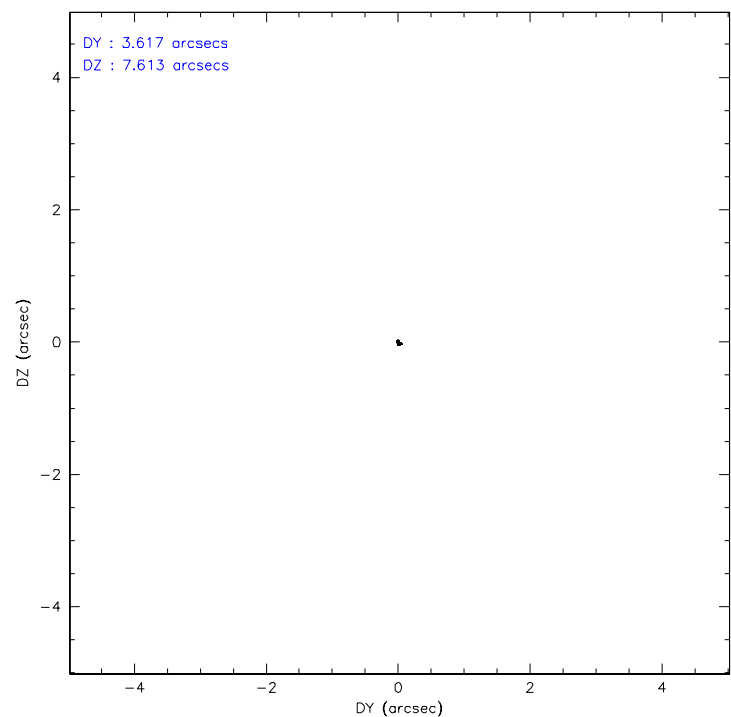
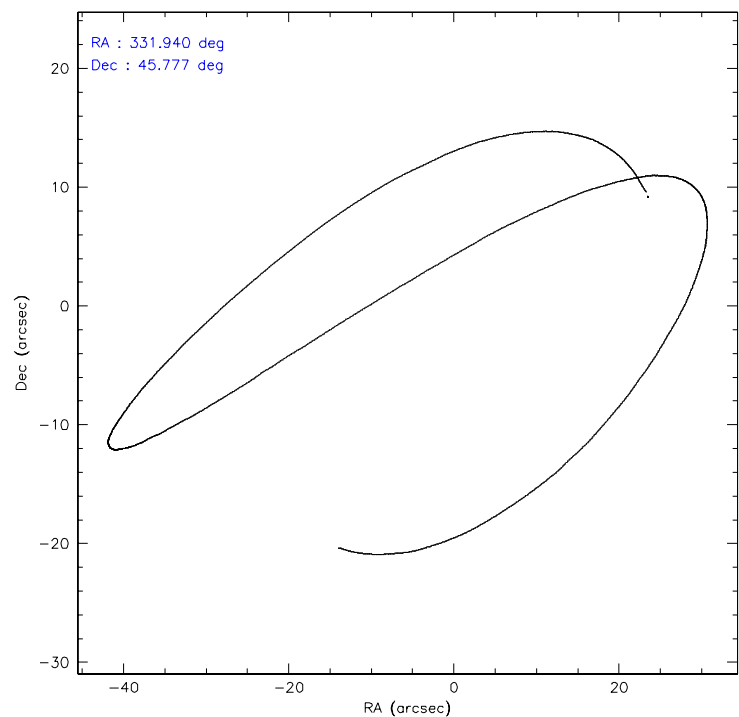
Level 1 Events

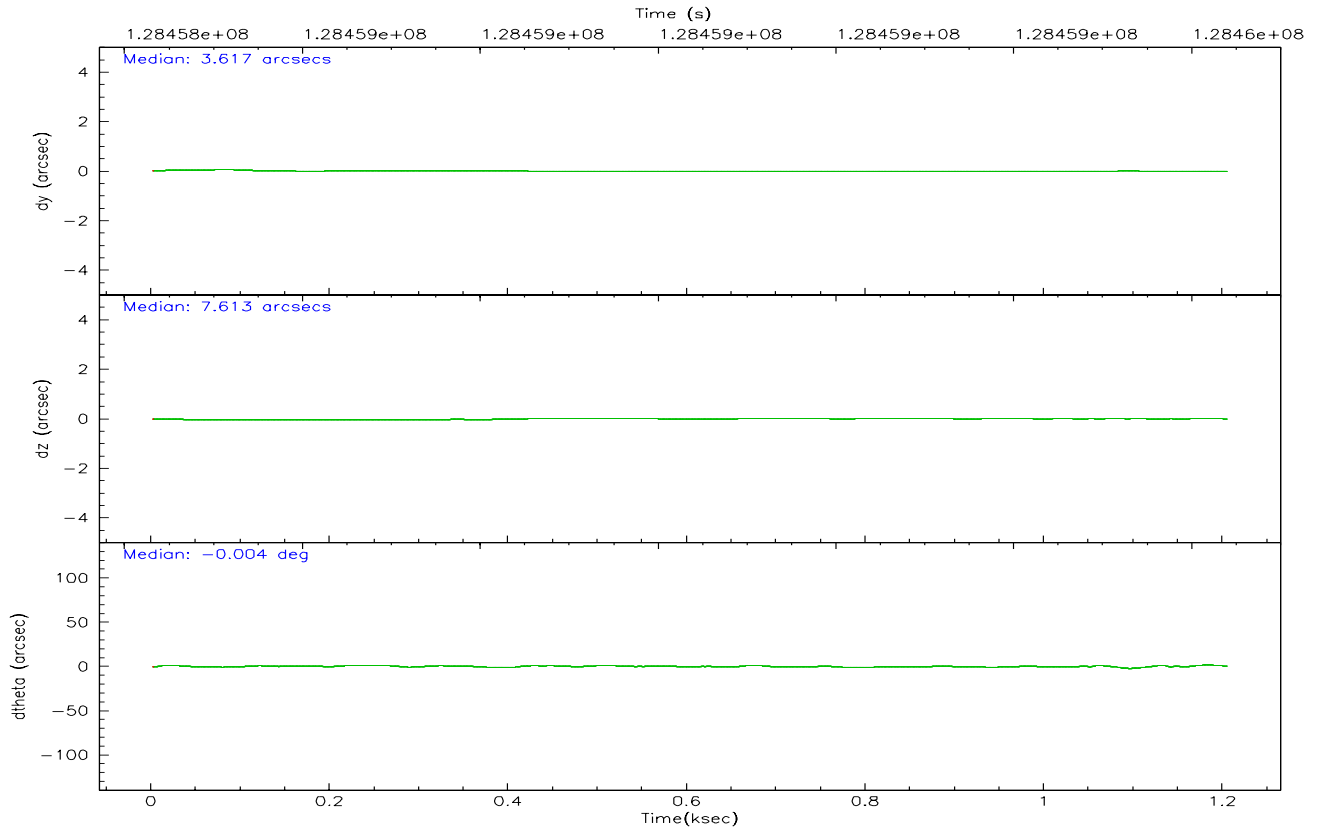
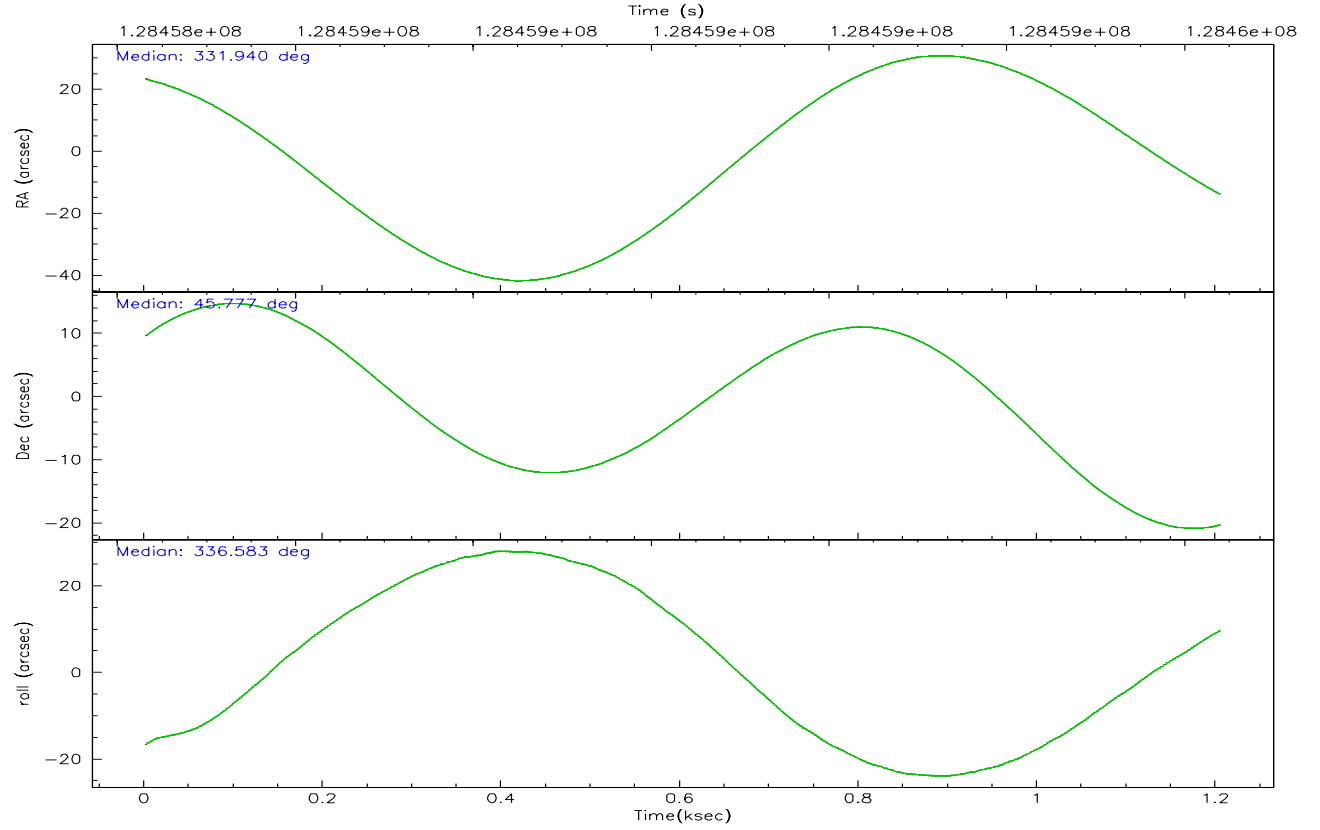
	segment 1	segment 2	segment 3
level 1 events	3381	174303	3027
rejected events	3381	43688	3027
rejected %	100%	25%	100%

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	331.897555	331.9384987961294			
Pointing Dec	45.771681	45.77656076998504			
Pointing Roll	336.553008	336.5909718398856			
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	128458637.184000	128458261.31396			
Observation start date	2002-01-26T18:56:13	2002-01-26T18:51:01			
Observation end time	128459637.184000	128459771.65153			
Observation end date	2002-01-26T19:12:53	2002-01-26T19:16:11			

2.3 Aspect



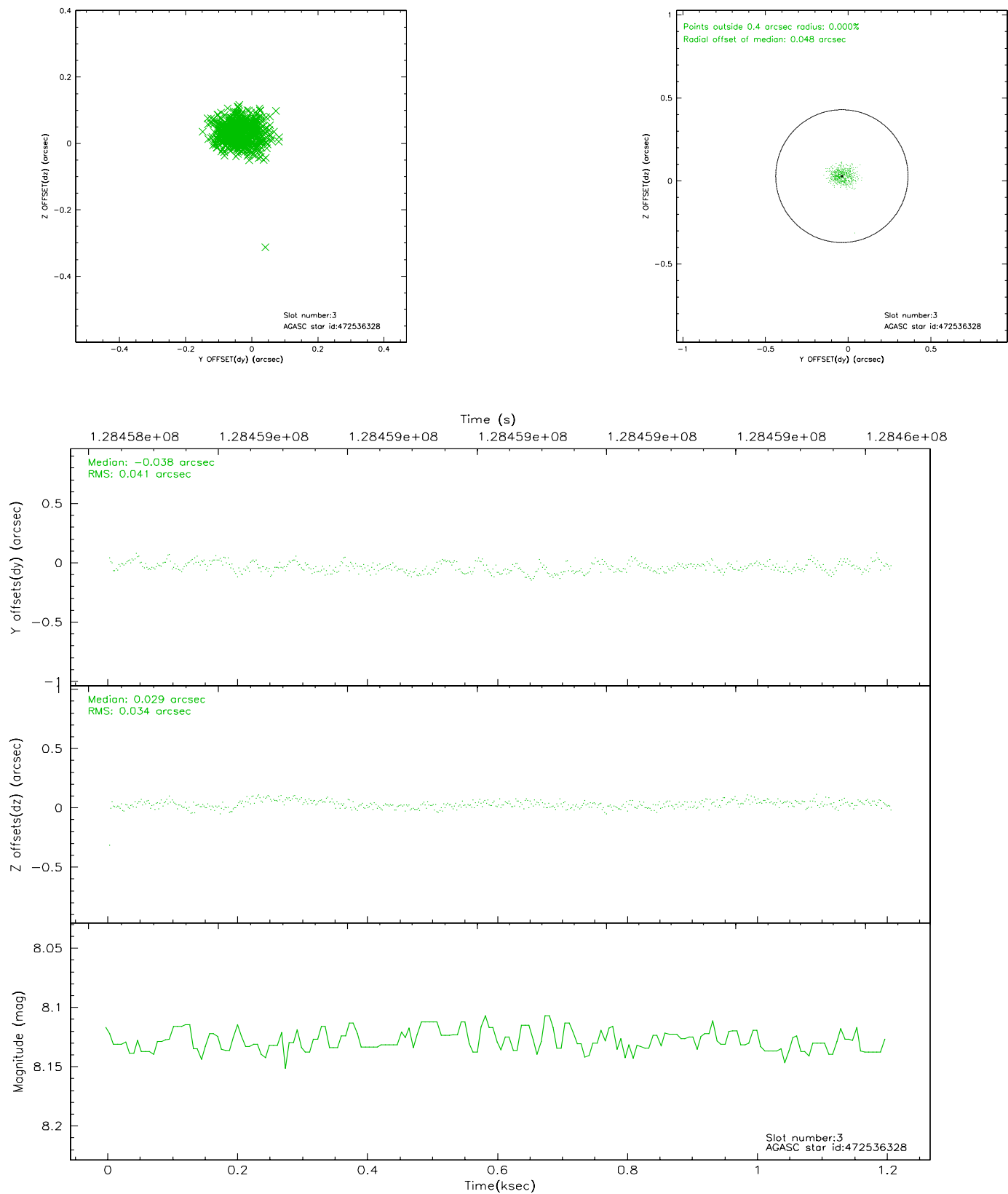


Slot Statistics

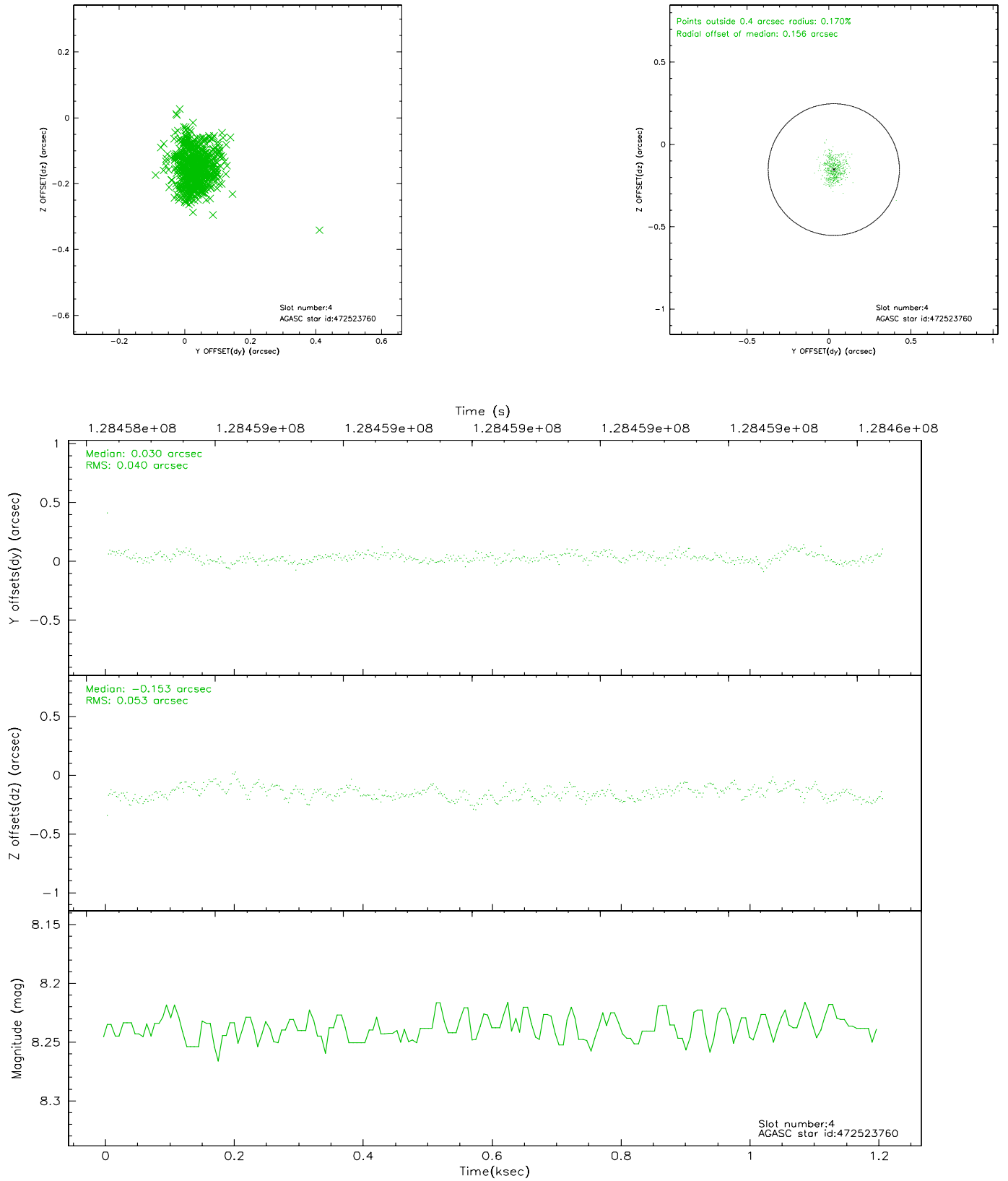
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	294	0.155	-0.083	0.007	0.012	0.000000	0.000000	-1157.65	-456.15
1	FID	HRC-S-2	6.98	294	0.076	-0.088	0.005	0.010	0.000000	0.000000	1238.02	-450.32
2	FID	HRC-S-3	7.00	294	0.159	-0.131	0.007	0.011	0.000000	0.000000	-1156.17	571.80
3	GUIDE	472536328	8.13	588	-0.038	0.029	0.055	0.087	331.496671	46.454831	-1893.44	1861.25
4	GUIDE	472523760	8.24	588	0.030	-0.153	0.068	0.107	331.645363	45.403260	-61.87	-1468.07
5	GUIDE	472665256	9.01	587	-0.034	-0.008	0.086	0.133	332.808125	46.195041	1468.38	2309.18
6	GUIDE	472537064	8.93	588	-0.051	0.169	0.090	0.144	331.323423	46.483499	-2326.58	1791.71
7	GUIDE	472654568	9.44	587	0.097	-0.026	0.102	0.167	332.194449	45.063576	1701.44	-2035.39

2.4 Star Slots

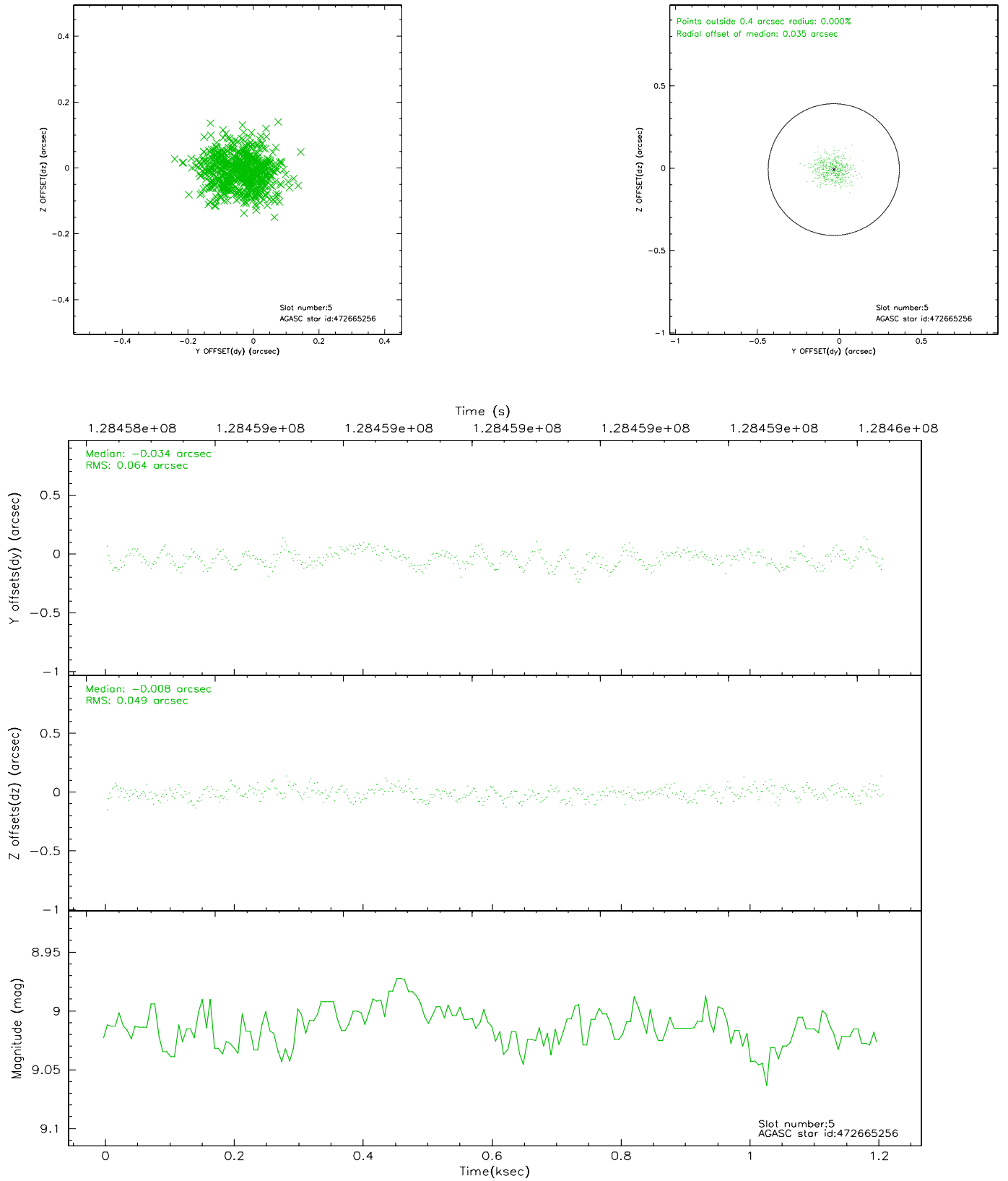
2.4.1 Slot 3



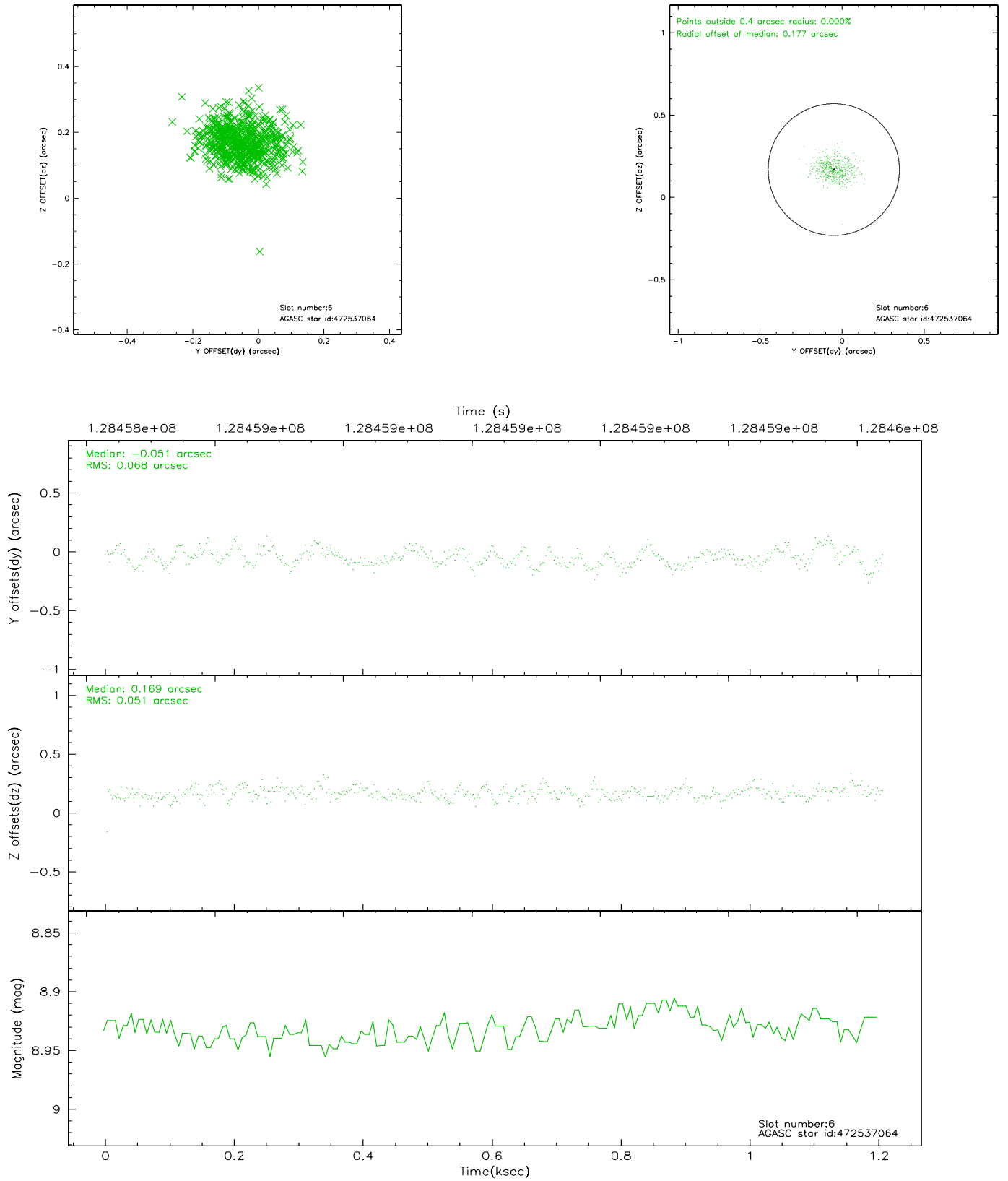
2.4.2 Slot 4



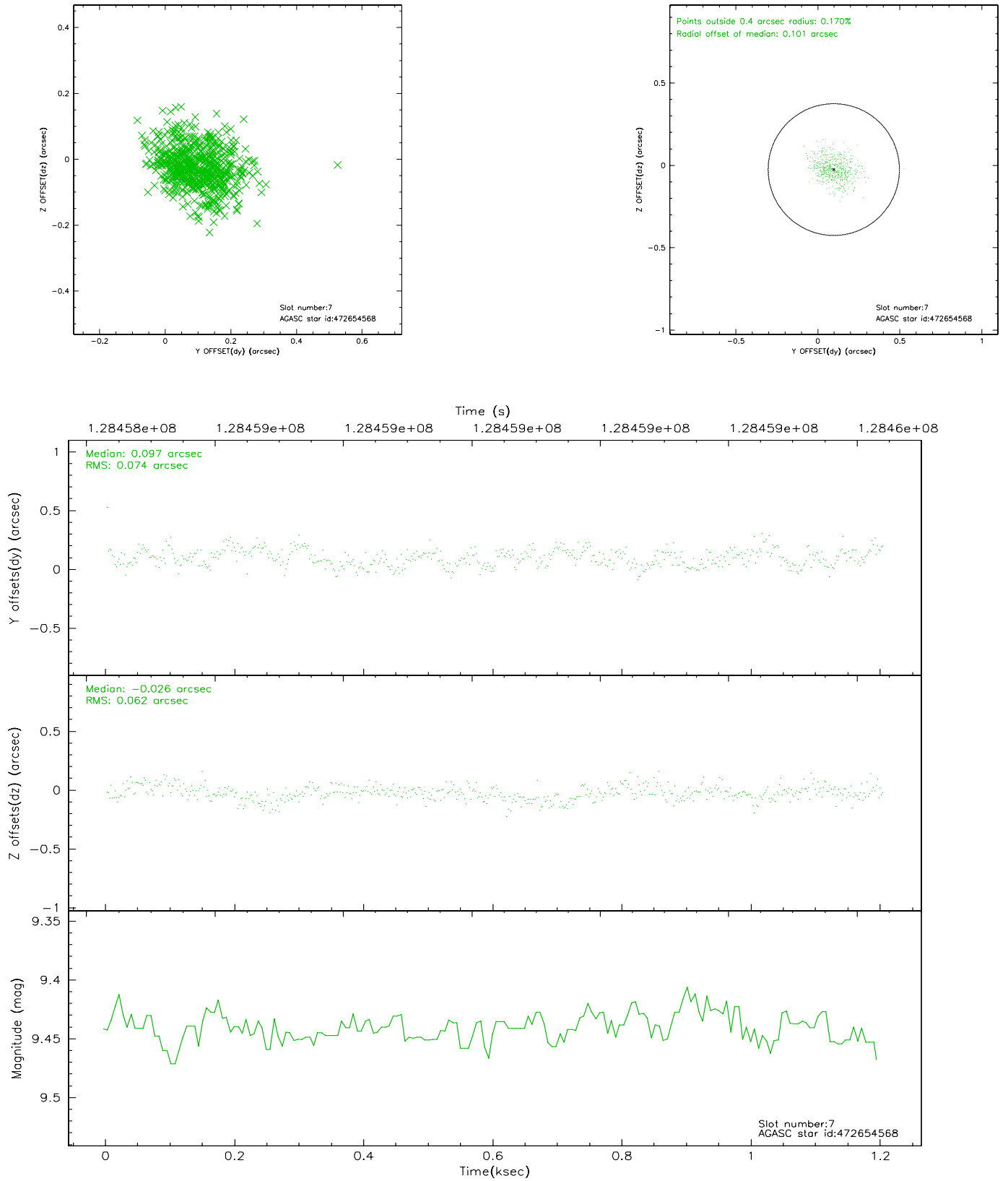
2.4.3 Slot 5



2.4.4 Slot 6

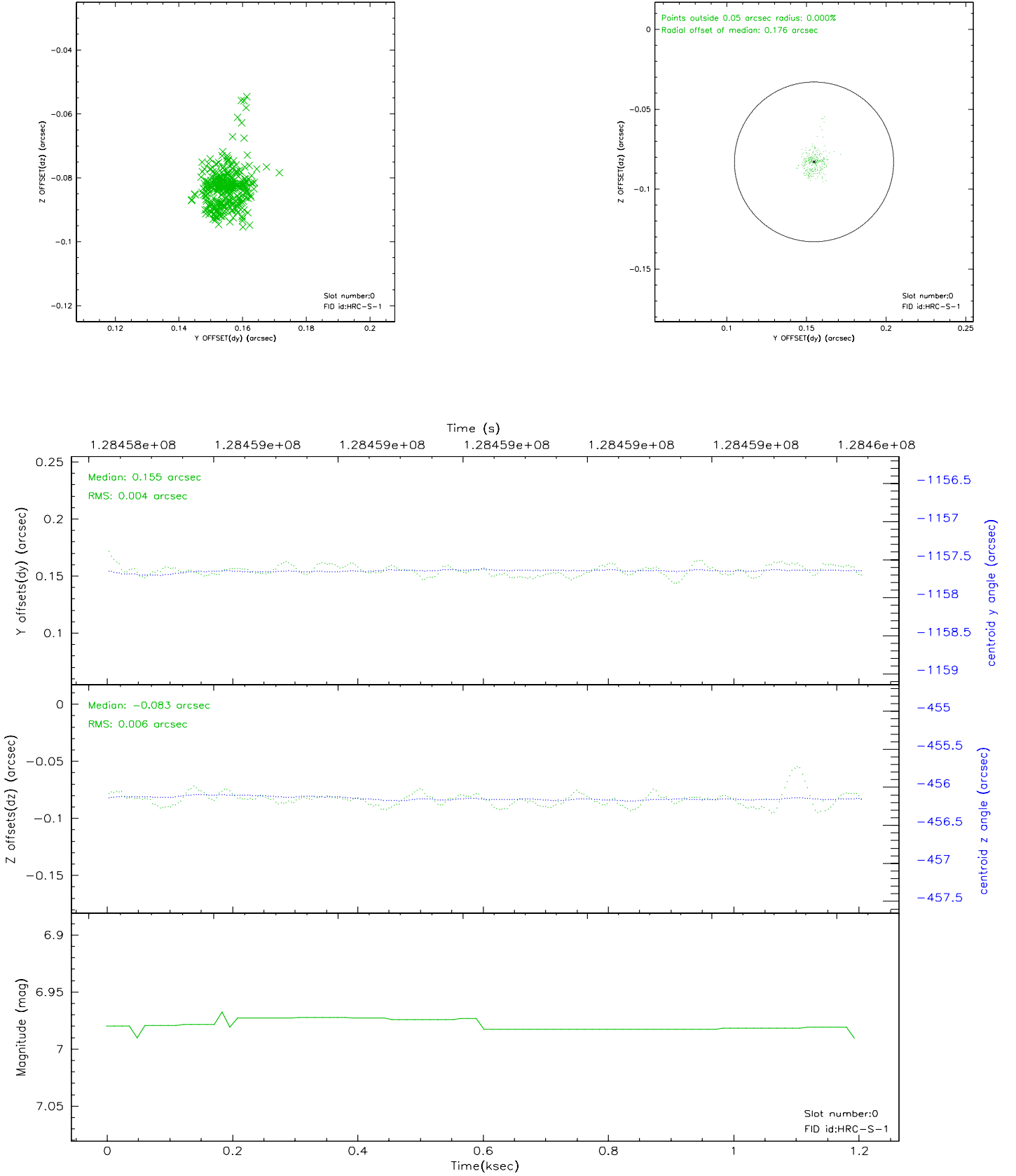


2.4.5 Slot 7

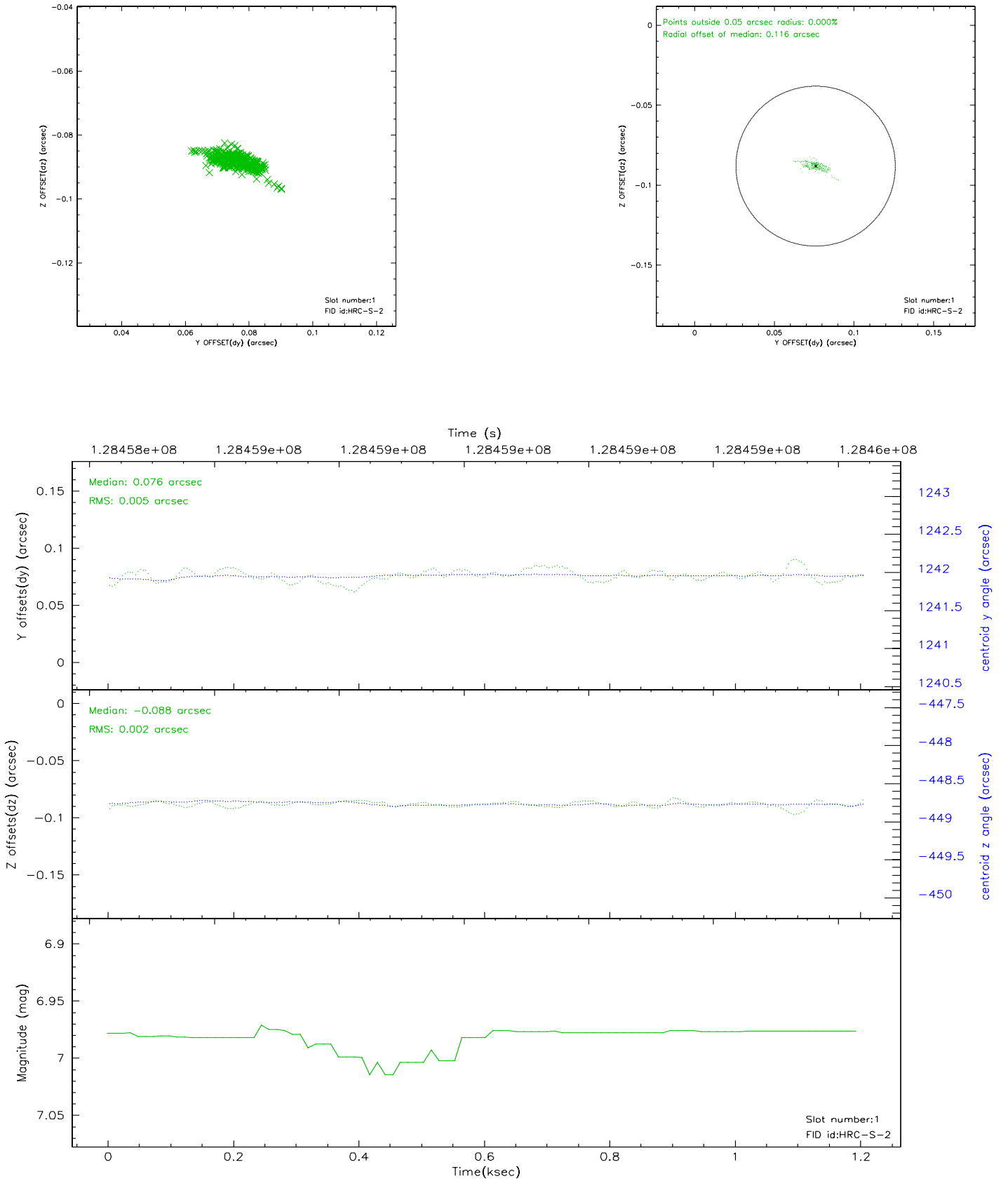


2.5 FID Slots

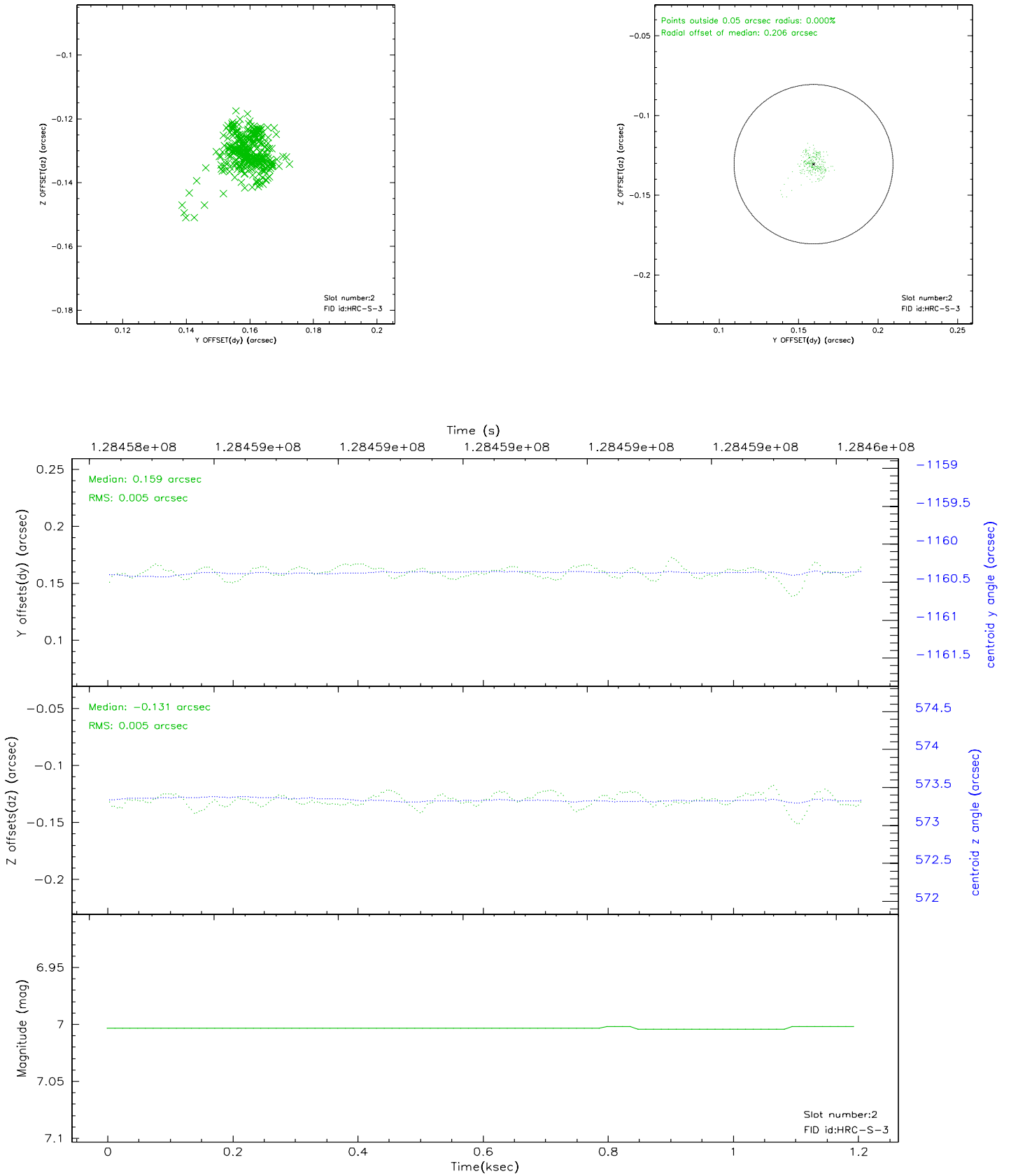
2.5.1 Slot 0



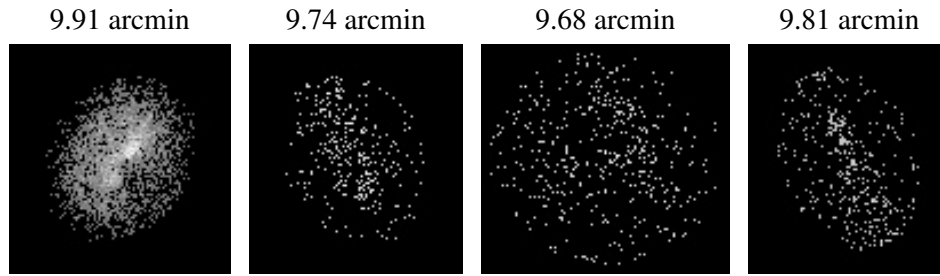
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.09.20
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.202

A.2 Comments

Monitor constraint met.