

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4319 - L2 Version 001
Chandra X-Ray Center

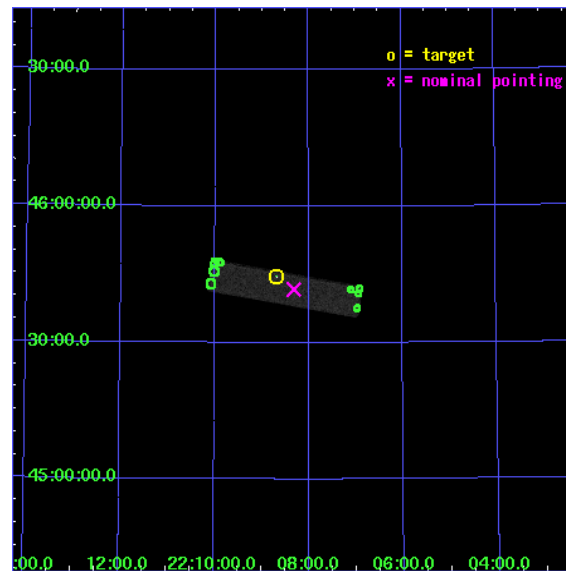
L2 Processing Date : Jul 7 2006

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1 Front

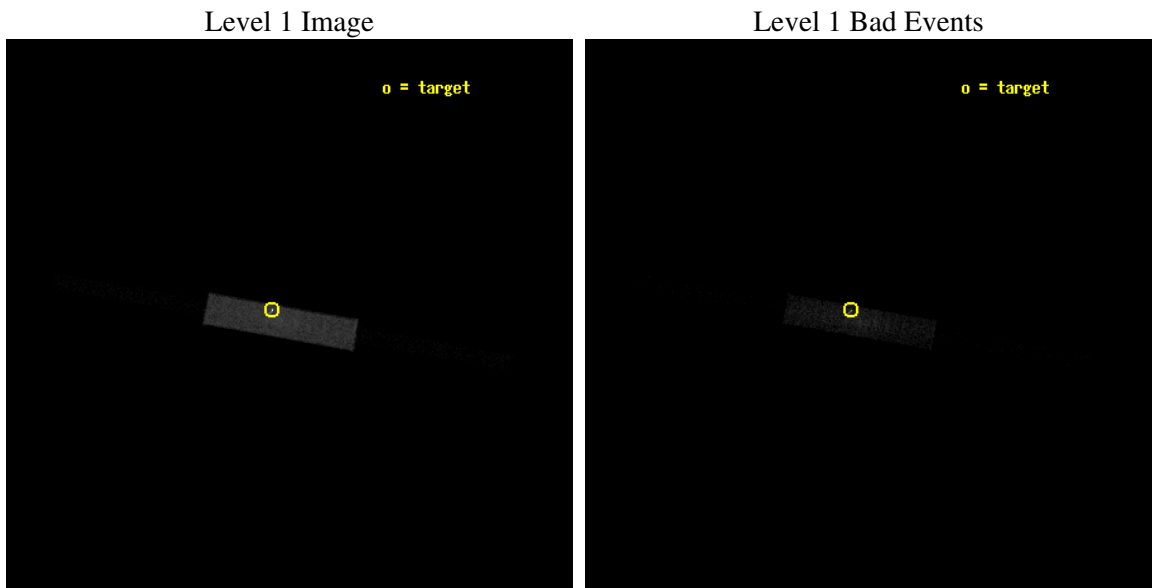
seq_num	290279
obs_id	4319
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07787277837
dec_nom	45.696160728956
roll_nom	189.98495557748
revision	2
ontime	1142.1062989235
livetime	1136.3825195383
l2events	37949



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-07T20:42:37
revision	2

sched_exp_time	1000.000000
ontime	1180.0313005447
l1events	66453

2.1.3 Events

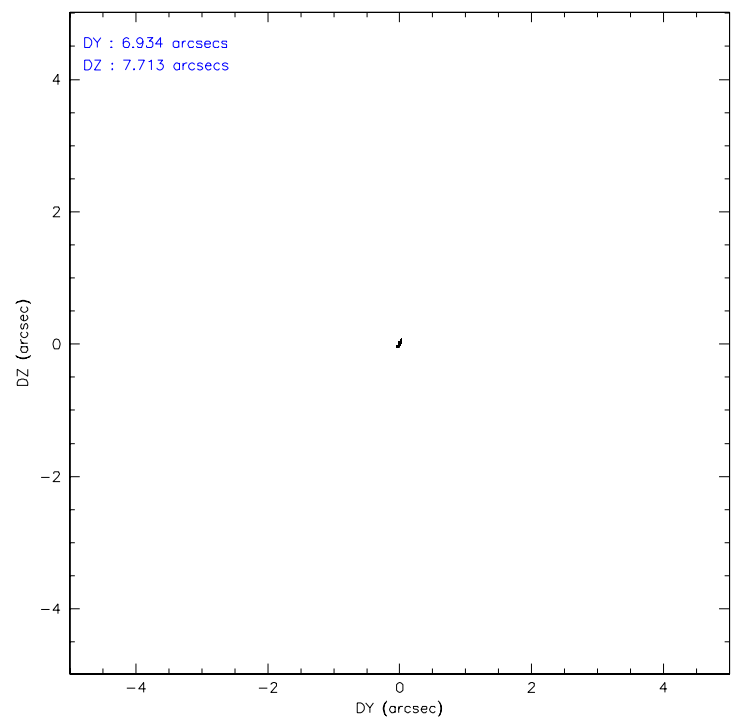
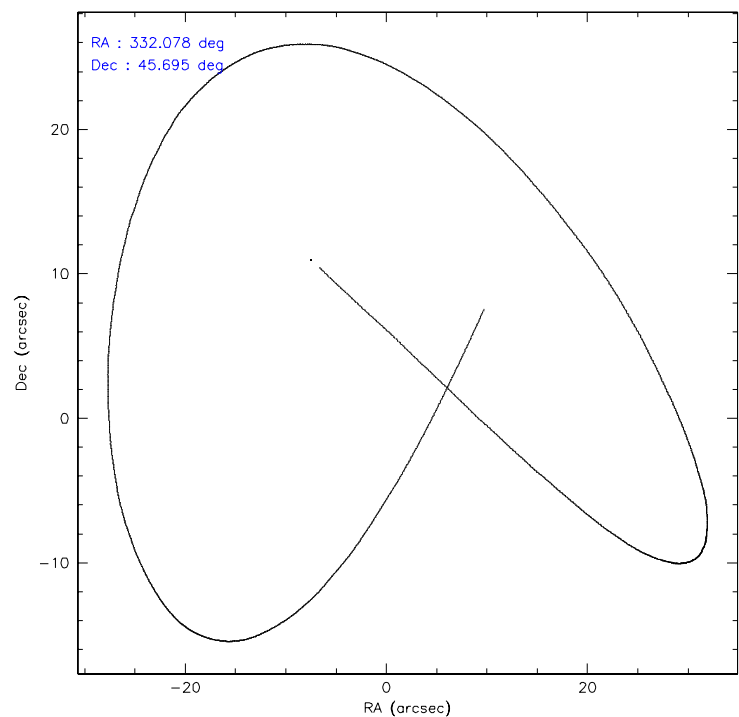
Level 1 Events

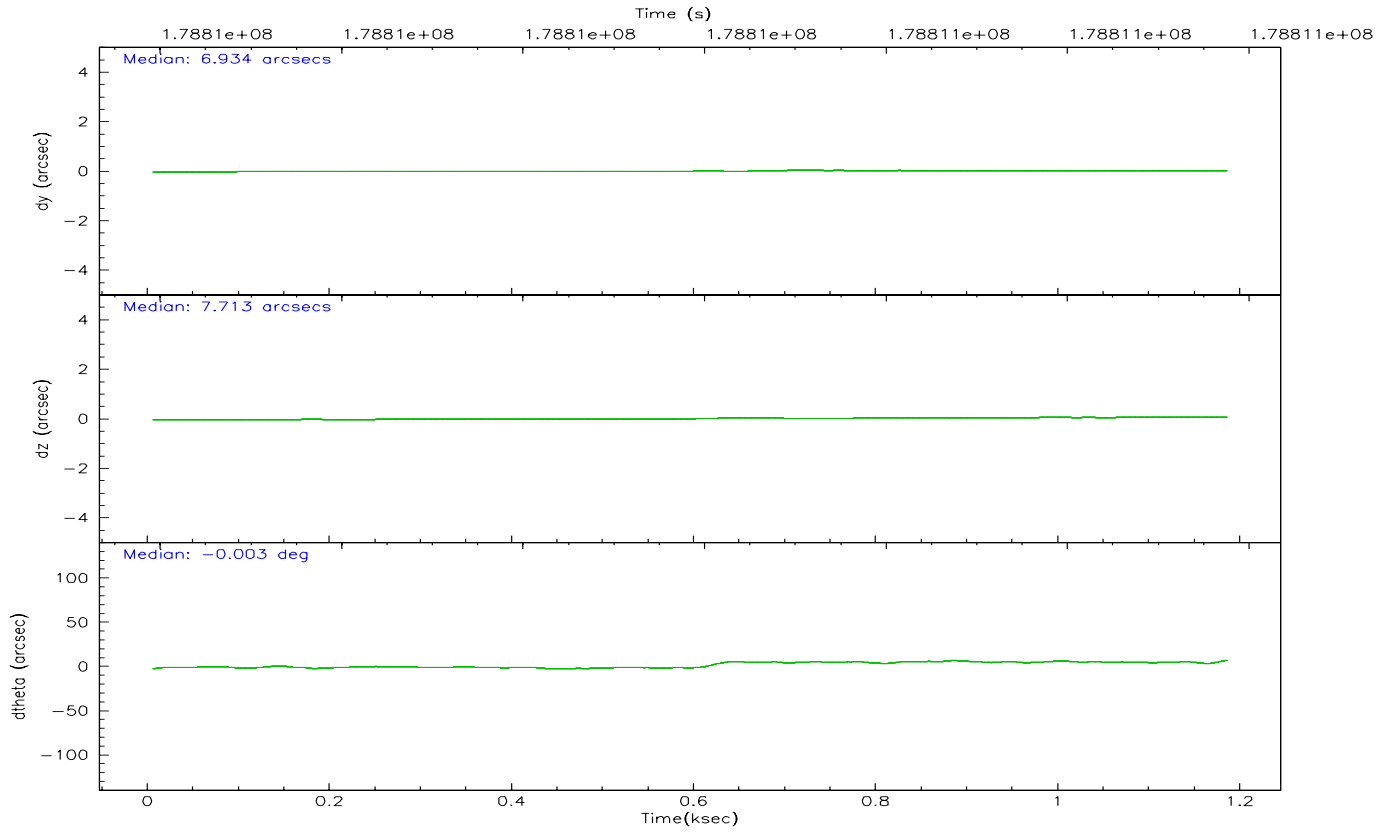
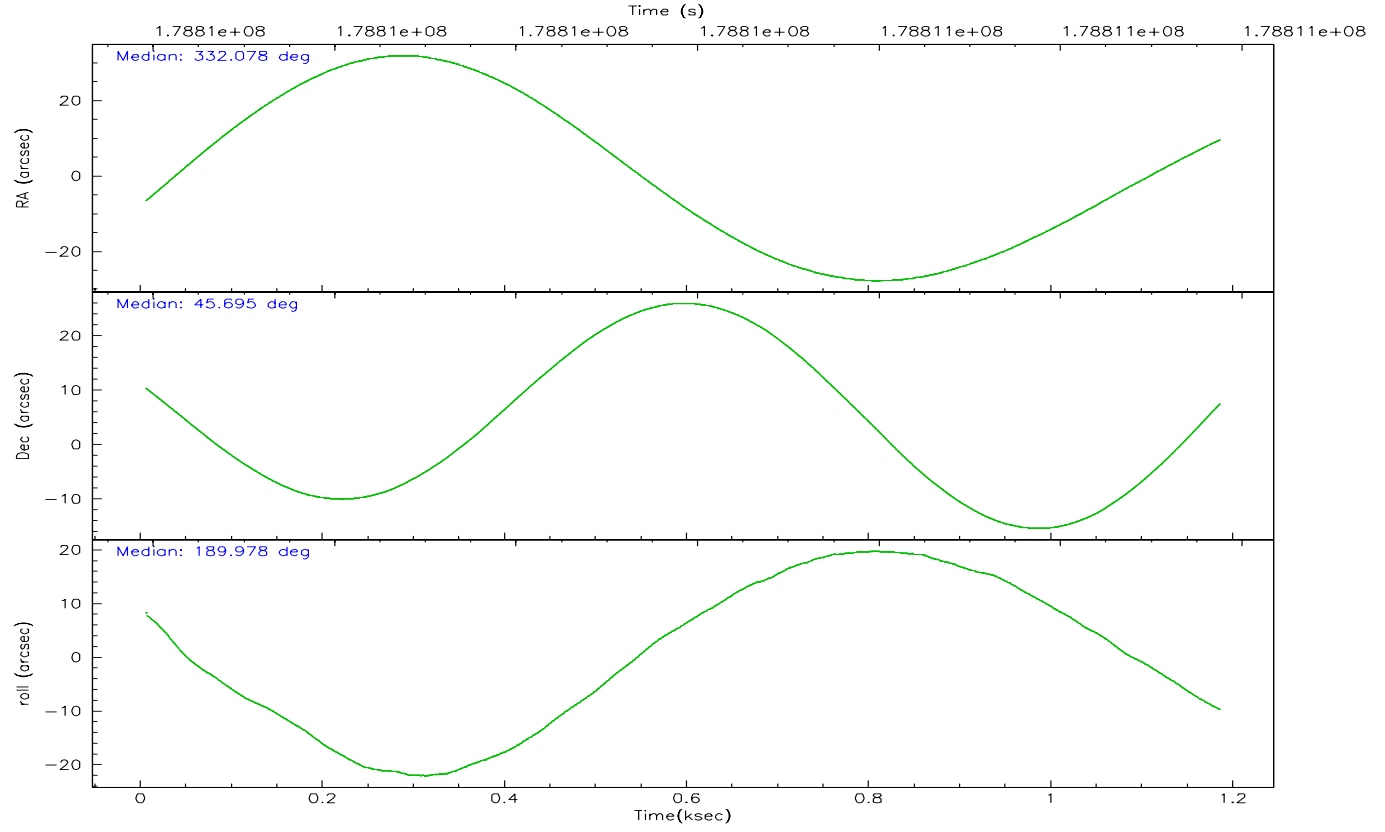
	segment 1	segment 2	segment 3
level 1 events	1029	64385	1039
rejected events	1029	23611	1039
rejected %	100%	36%	100%

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	332.107533	332.0778727783723			
Pointing Dec	45.716792	45.69616072895624			
Pointing Roll	189.896343	189.9849555774845			
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	178809978.184000	178809602.34504			
Observation start date	2003-09-01T13:25:14	2003-09-01T13:20:02			
Observation end time	178810978.184000	178811112.17011			
Observation end date	2003-09-01T13:41:54	2003-09-01T13:45:12			

2.3 Aspect



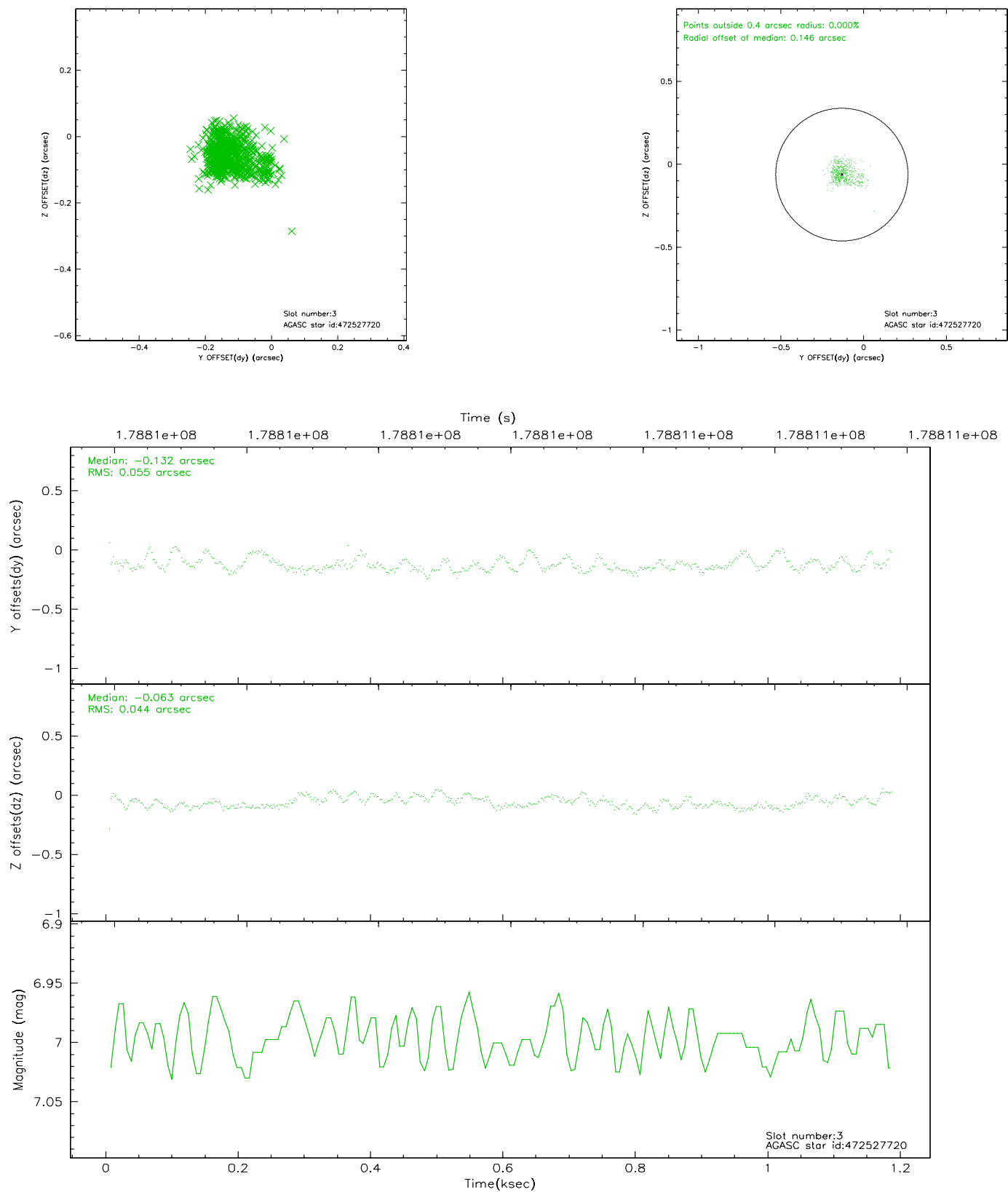


Slot Statistics

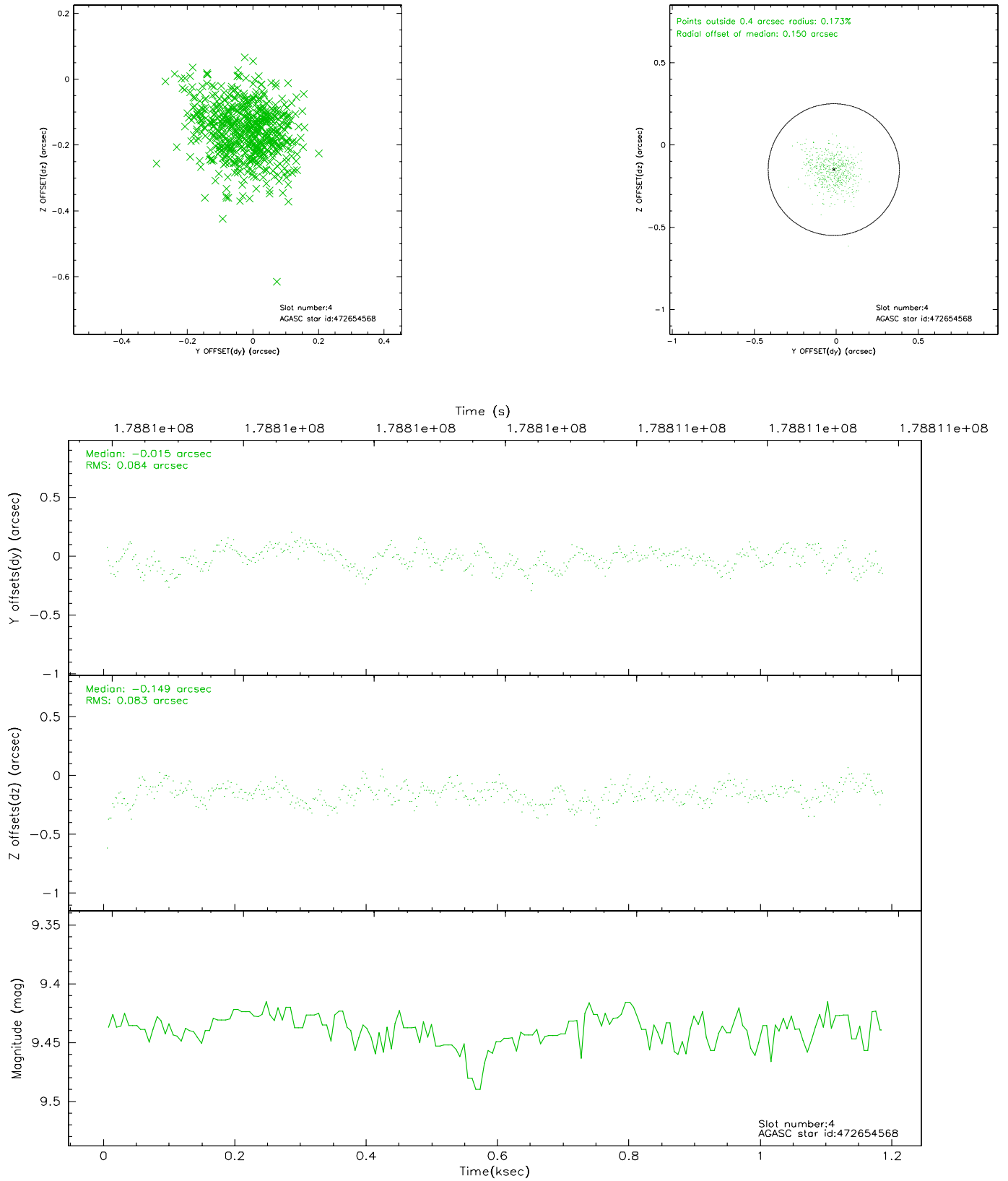
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	288	0.135	-0.110	0.058	0.067	0.000000	0.000000	1238.59	-448.92
1	FID	HRC-S-3	7.04	289	0.084	-0.099	0.018	0.025	0.000000	0.000000	-1159.57	571.70
2	FID	HRC-S-4	6.99	288	0.188	-0.087	0.060	0.070	0.000000	0.000000	1233.21	577.77
3	GUIDE	472527720	7.00	577	-0.132	-0.063	0.072	0.127	331.460205	45.112509	1992.95	1849.92
4	GUIDE	472654568	9.44	577	-0.015	-0.149	0.122	0.205	332.194449	45.063576	189.93	2353.33
5	GUIDE	472655152	9.43	576	0.091	0.068	0.106	0.172	332.504239	45.862991	-1069.76	-350.10
6	GUIDE	472659832	9.46	577	0.061	0.085	0.092	0.154	332.780399	46.098139	-1893.17	-1075.69
7	GUIDE	472533912	9.16	575	-0.010	0.051	0.113	0.186	331.791136	46.368695	368.01	-2454.51

2.4 Star Slots

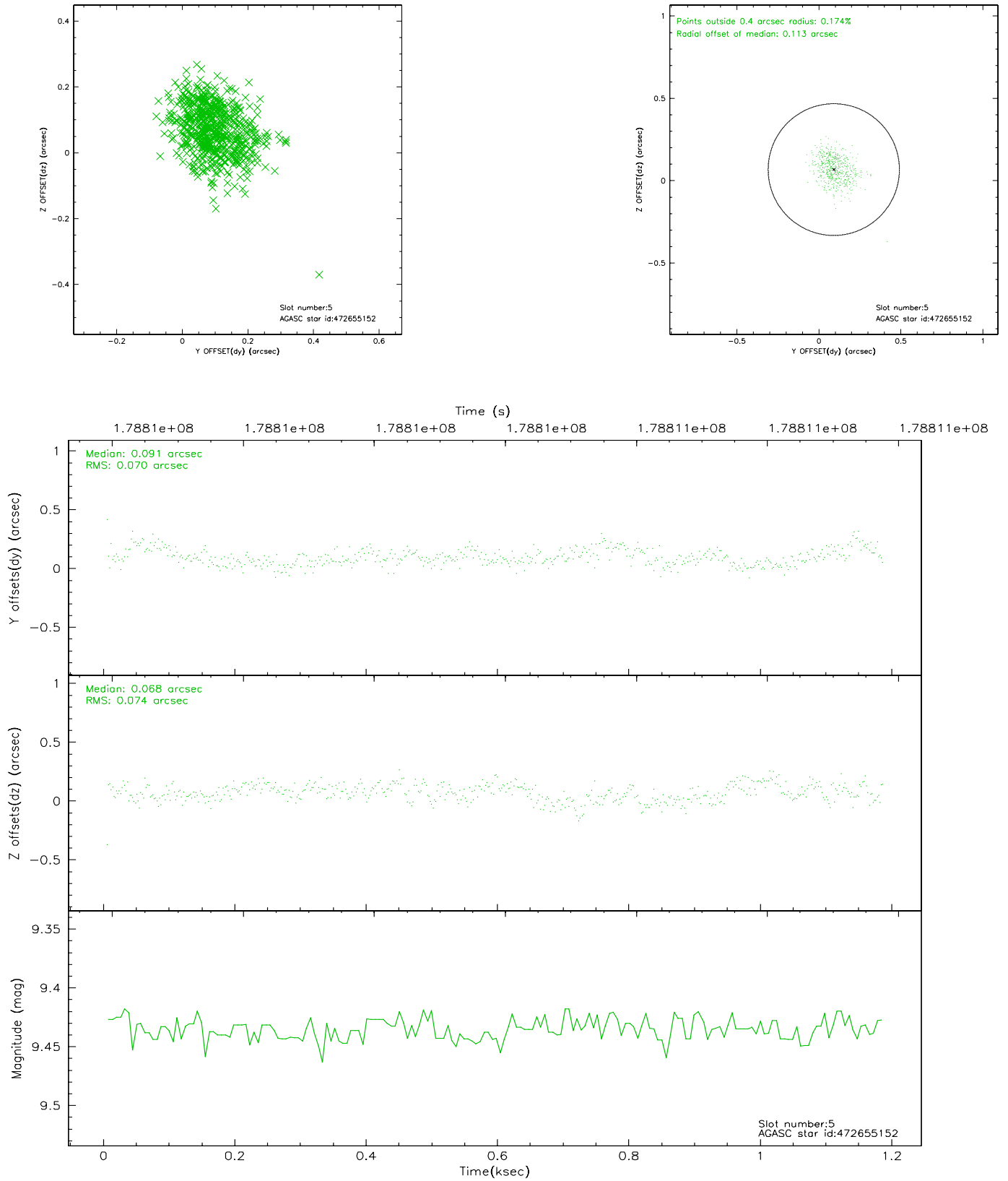
2.4.1 Slot 3



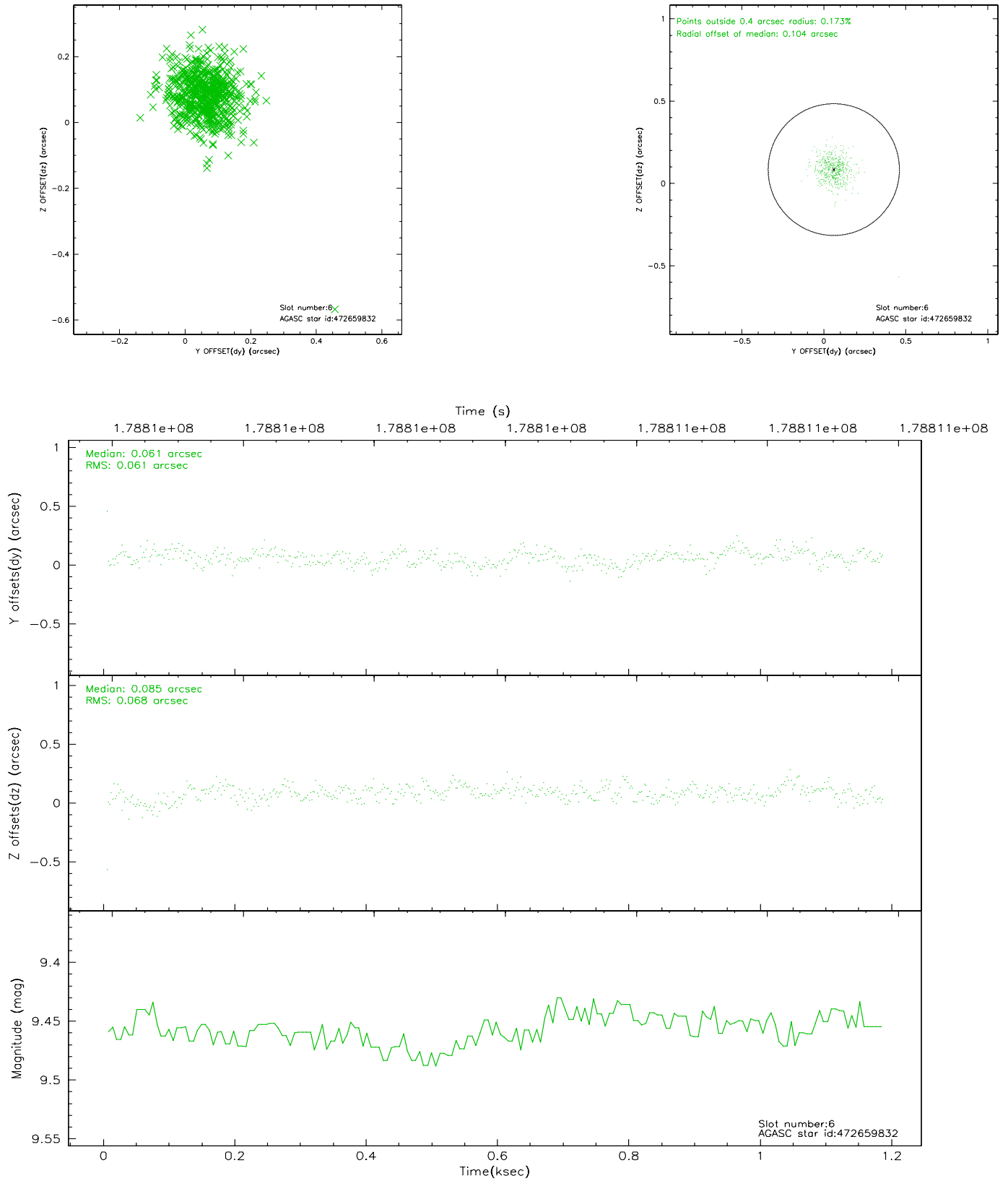
2.4.2 Slot 4



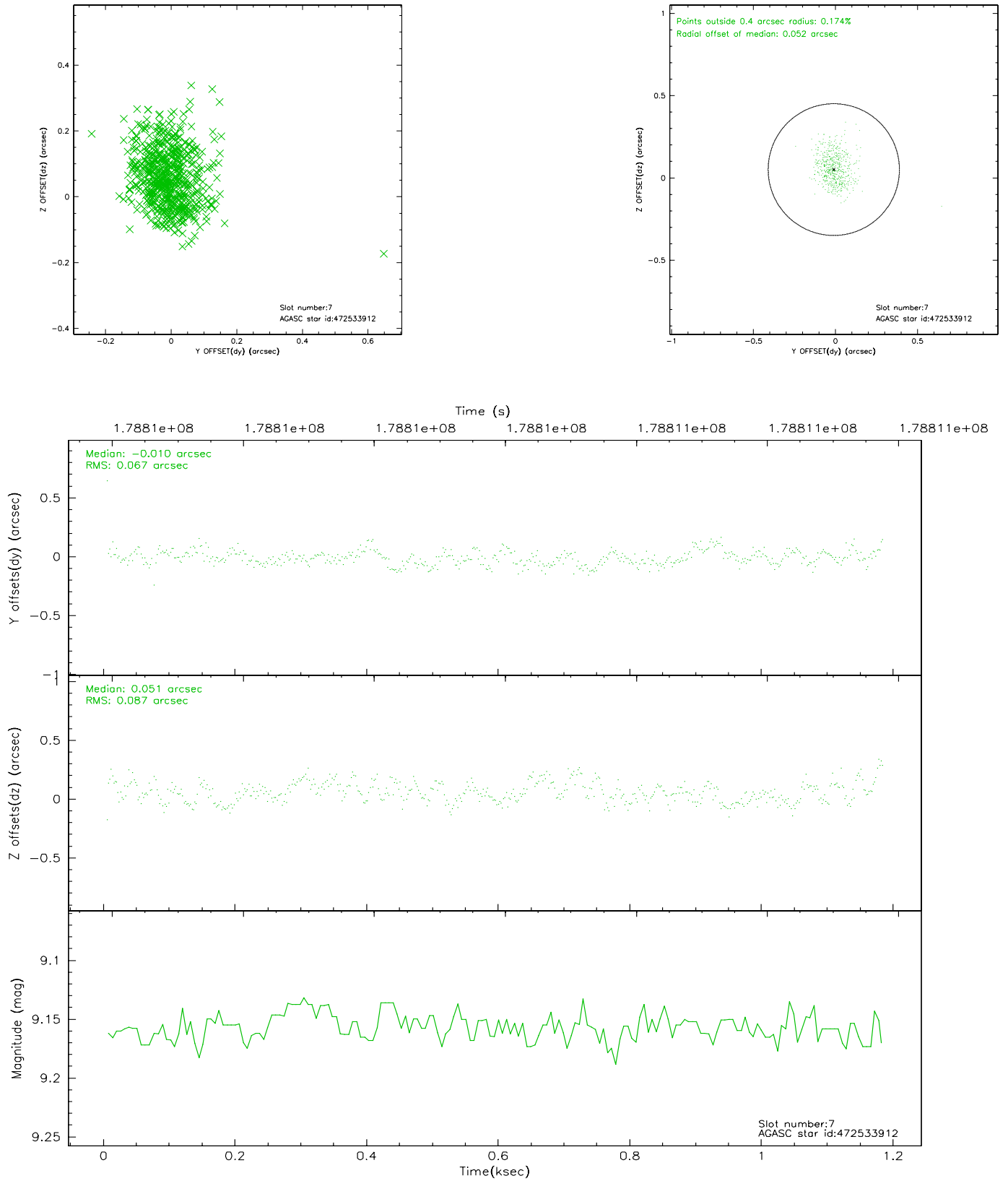
2.4.3 Slot 5



2.4.4 Slot 6

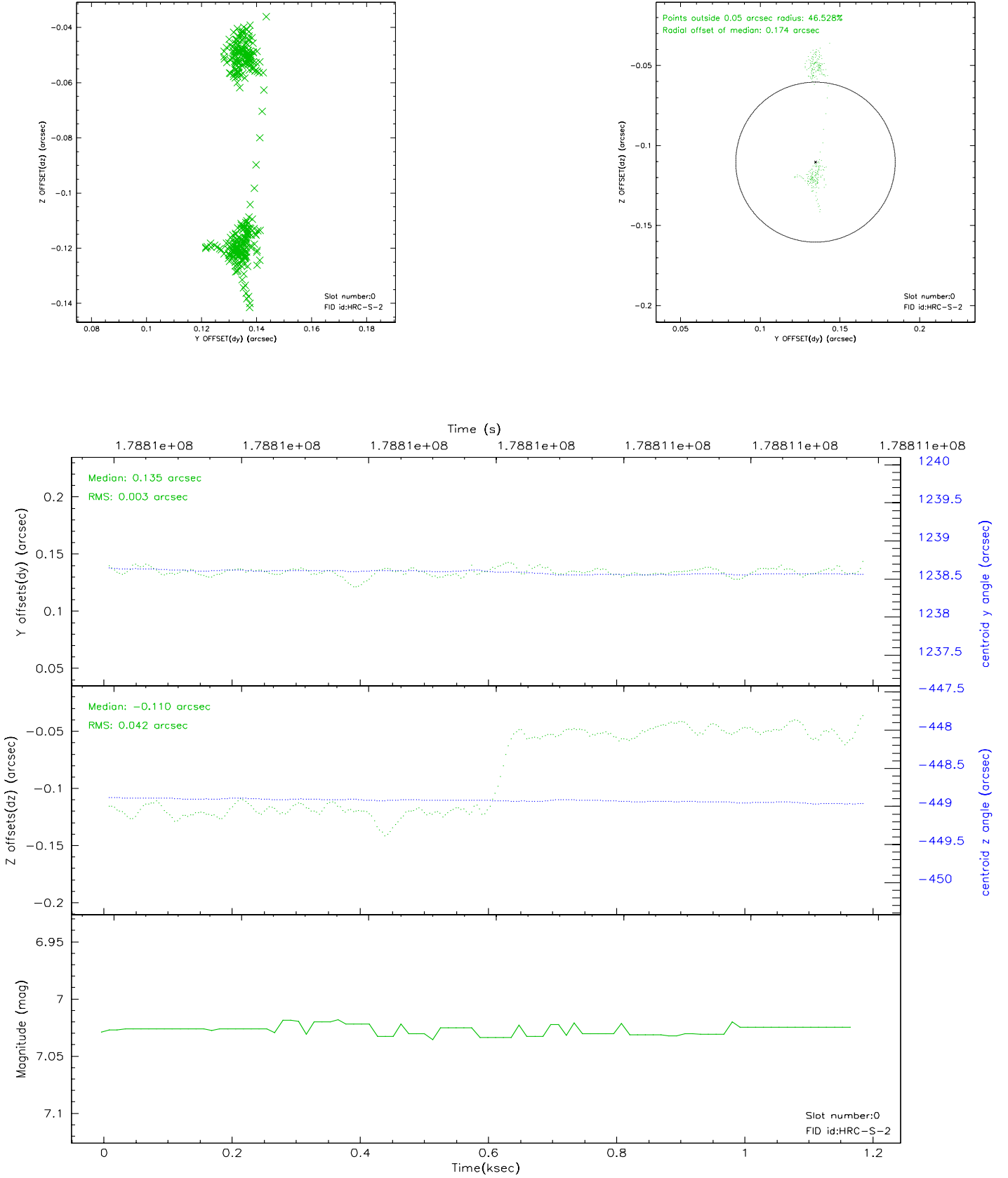


2.4.5 Slot 7

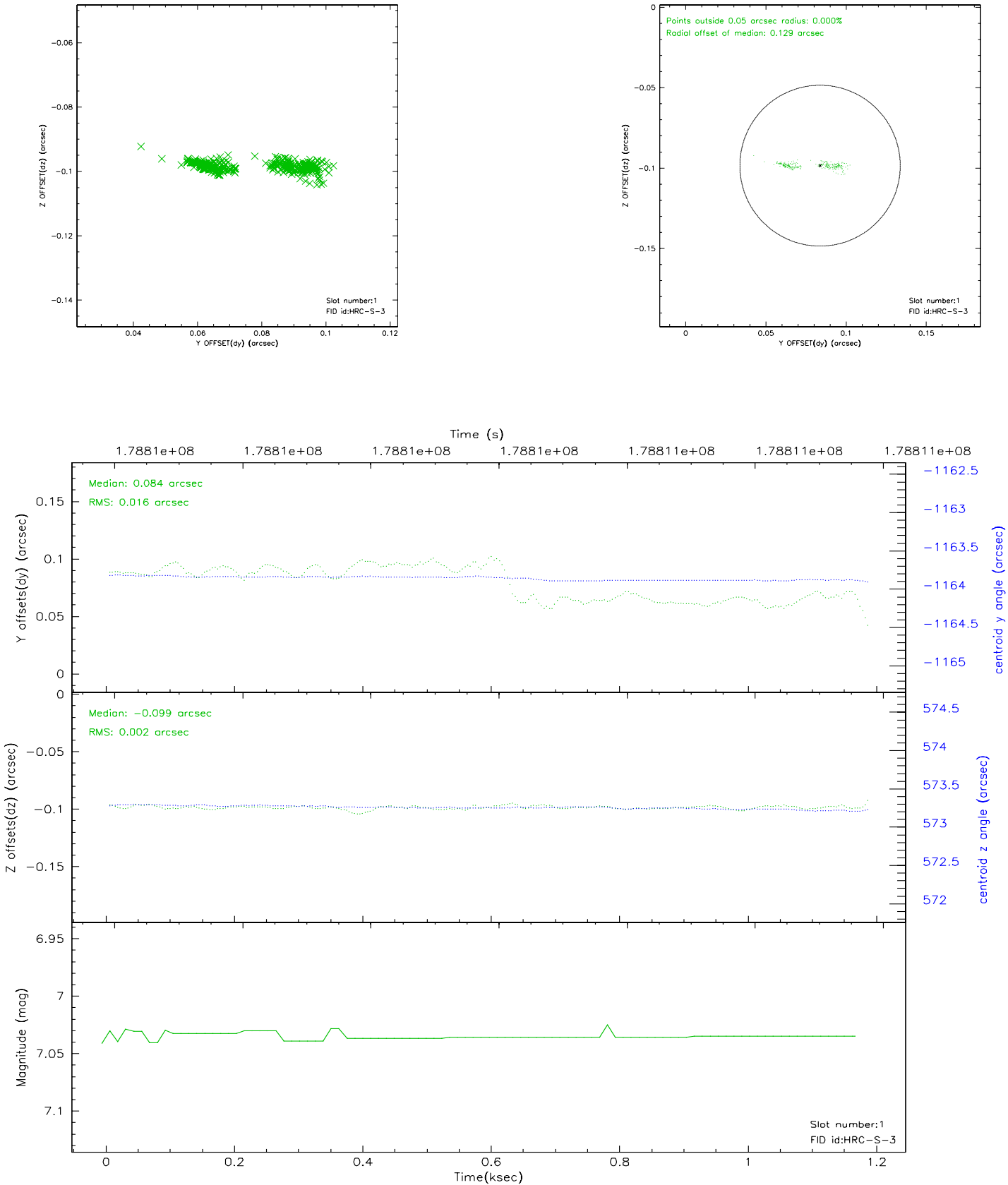


2.5 FID Slots

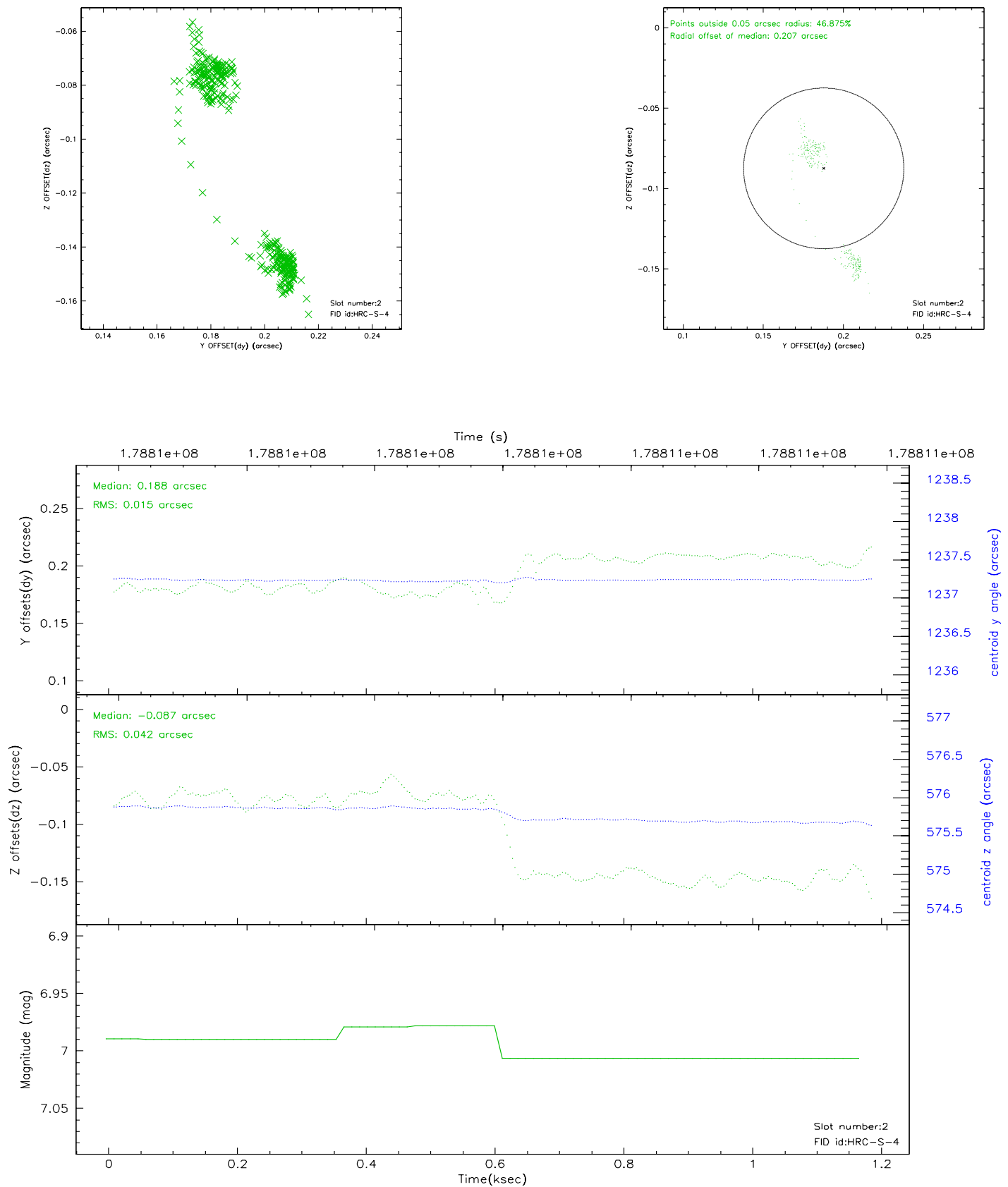
2.5.1 Slot 0



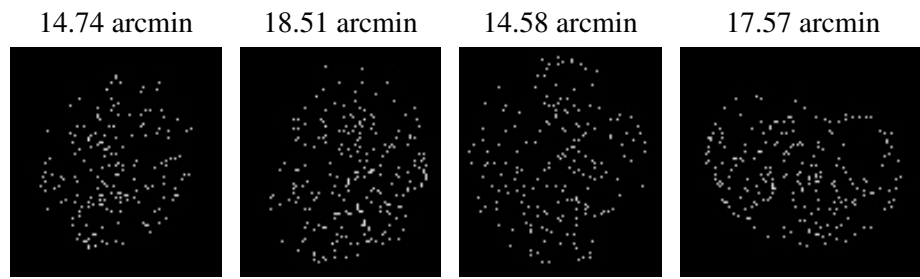
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments

Monitor constraint met.