

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2598 - L2 Version 001
Chandra X-Ray Center

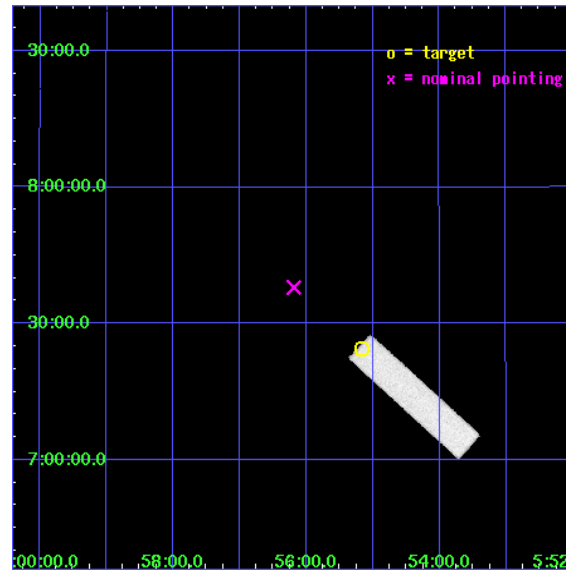
L2 Processing Date : Jan 20 2007

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1 Front

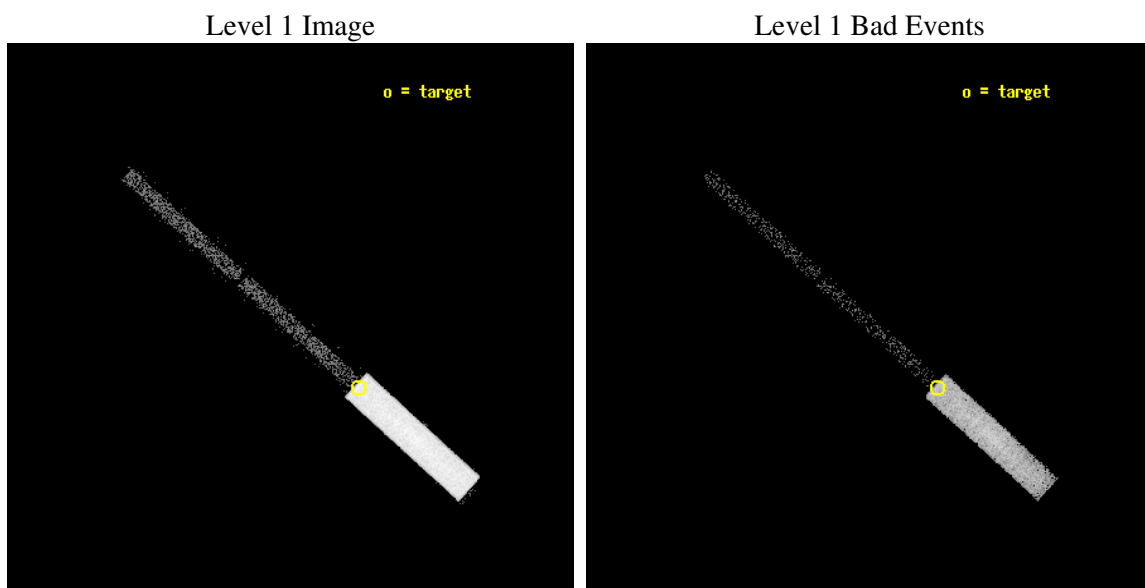
seq_num	290154
obs_id	2598
title	AO3 CALIBRATION OBSERVATIONS OF BETELGEUSE
observer	Dr. CXC Calibration
object	BETELGEUSE
ra_targ	88.792917
dec_targ	7.407056
ra_nom	89.046321507915
dec_nom	7.6332199802907
roll_nom	42.061042586616
revision	2
ontime	2142.5063357502
livetime	2132.9329714764
l2events	62813



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-20T14:08:02
revision	2

sched_exp_time	2000.000000
ontime	2142.5063357502
l1events	107852

2.1.3 Events

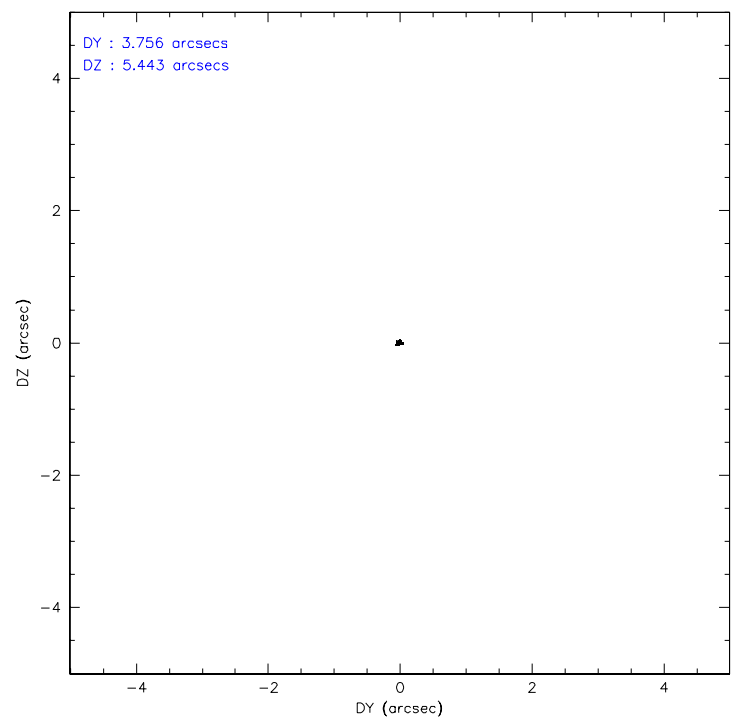
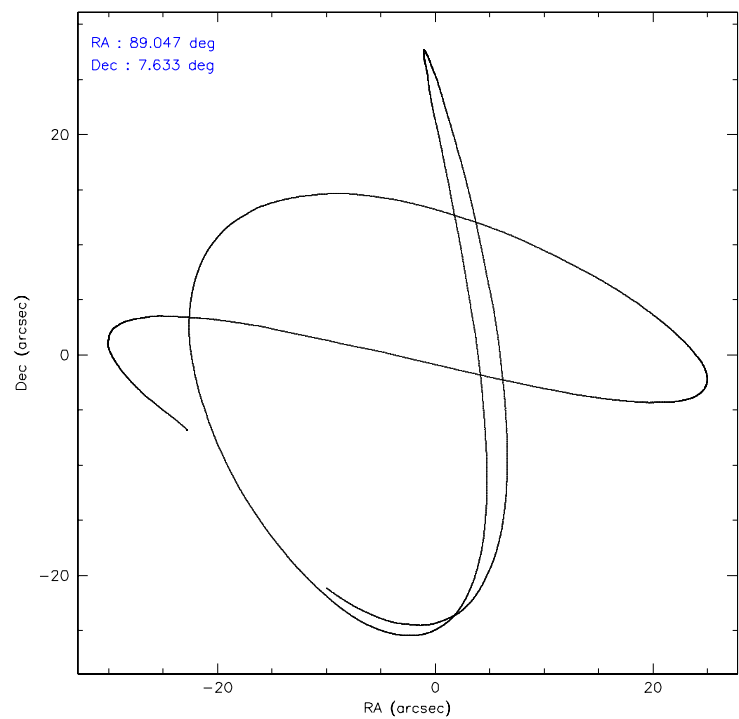
Level 1 Events

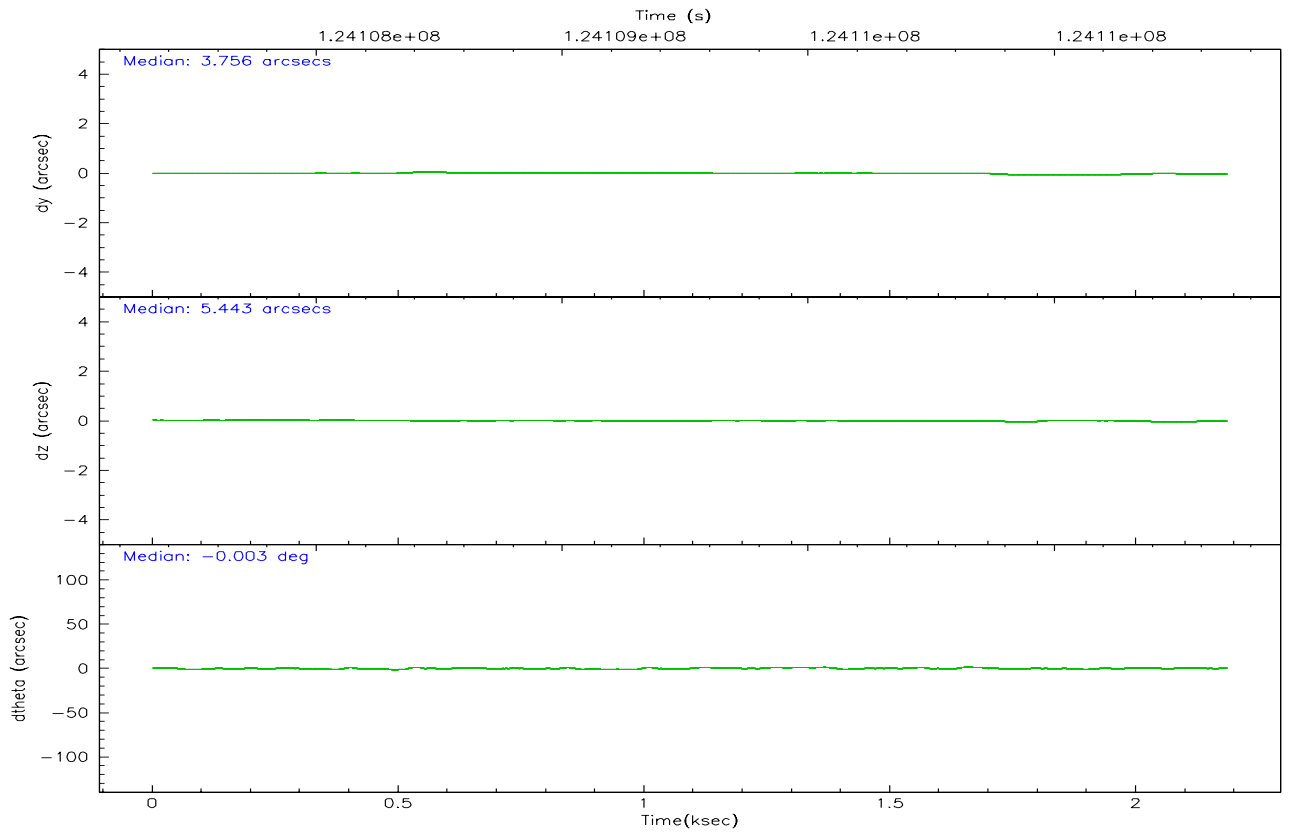
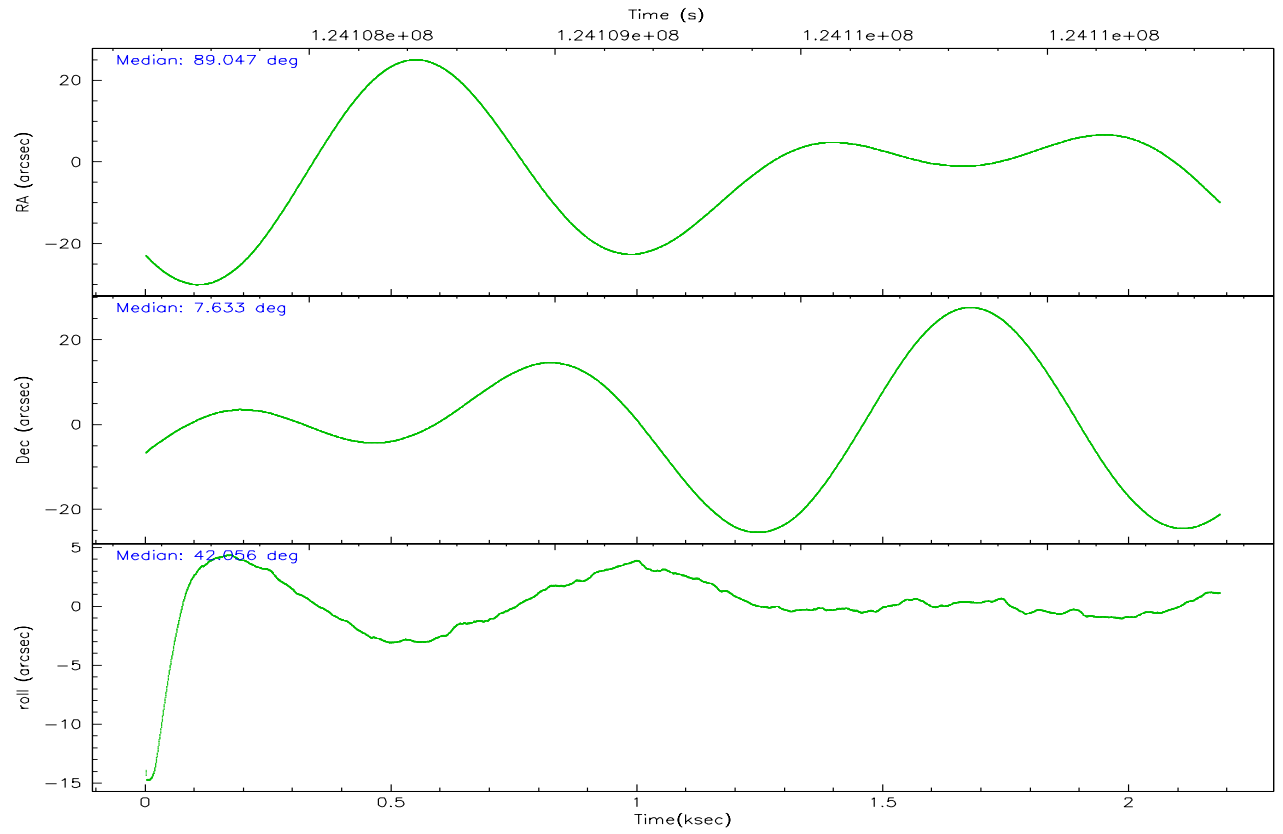
	segment 1	segment 2	segment 3
level 1 events	95484	10716	1652
rejected events	24652	10691	1652
rejected %	25%	99%	100%

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	89.038822	89.04632150791534			
Pointing Dec	7.605564	7.633219980290677			
Pointing Roll	41.994704	42.06104258661555			
Window start time	123552064.184000	123552064.184000			
Window stop time	126144064.184000	126144064.184000			
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	124108355.184000	124107980.22678			
Observation start date	2001-12-07T10:31:31	2001-12-07T10:26:20			
Observation end time	124110355.184000	124110489.42688			
Observation end date	2001-12-07T11:04:51	2001-12-07T11:08:09			

2.3 Aspect



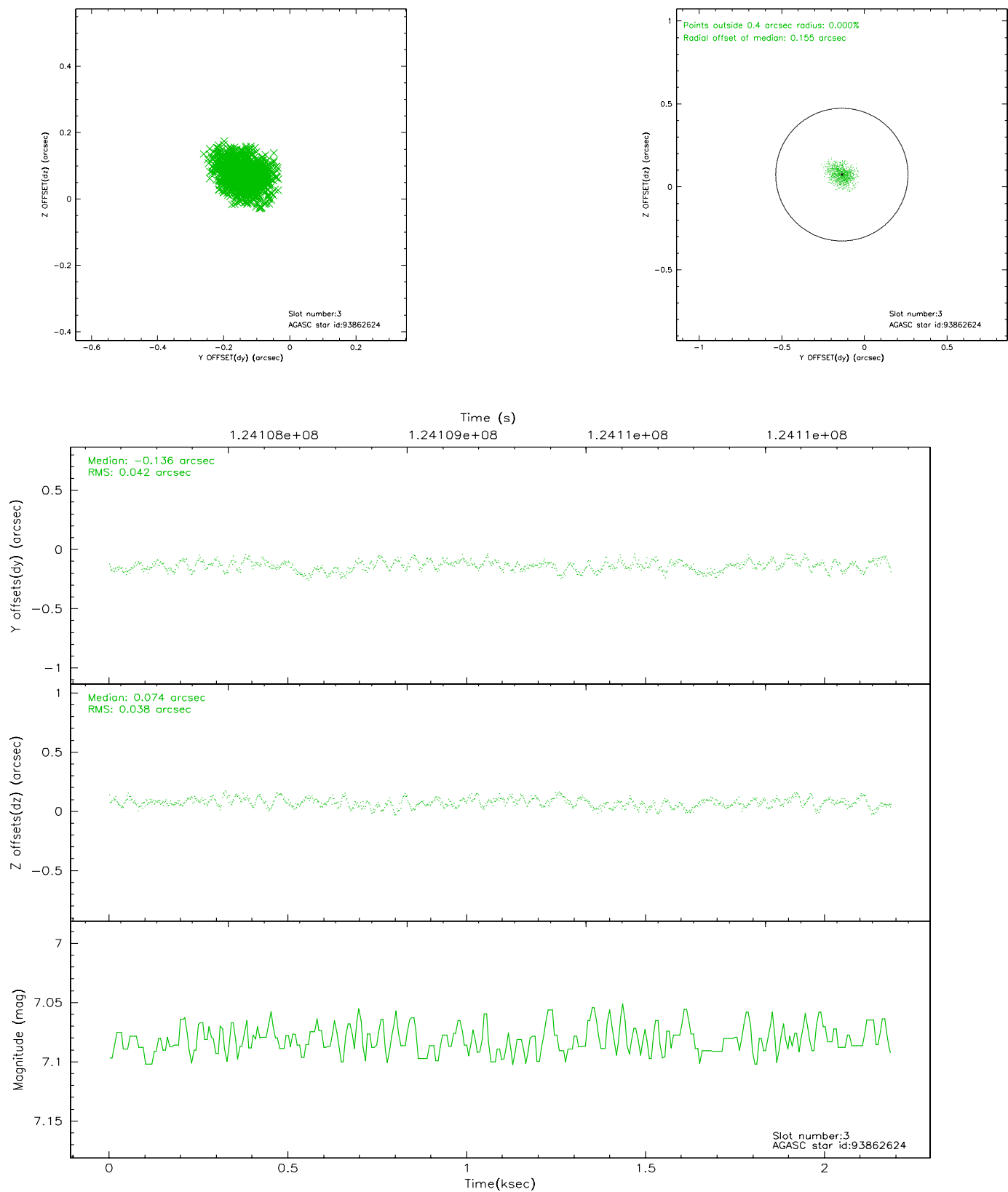


Slot Statistics

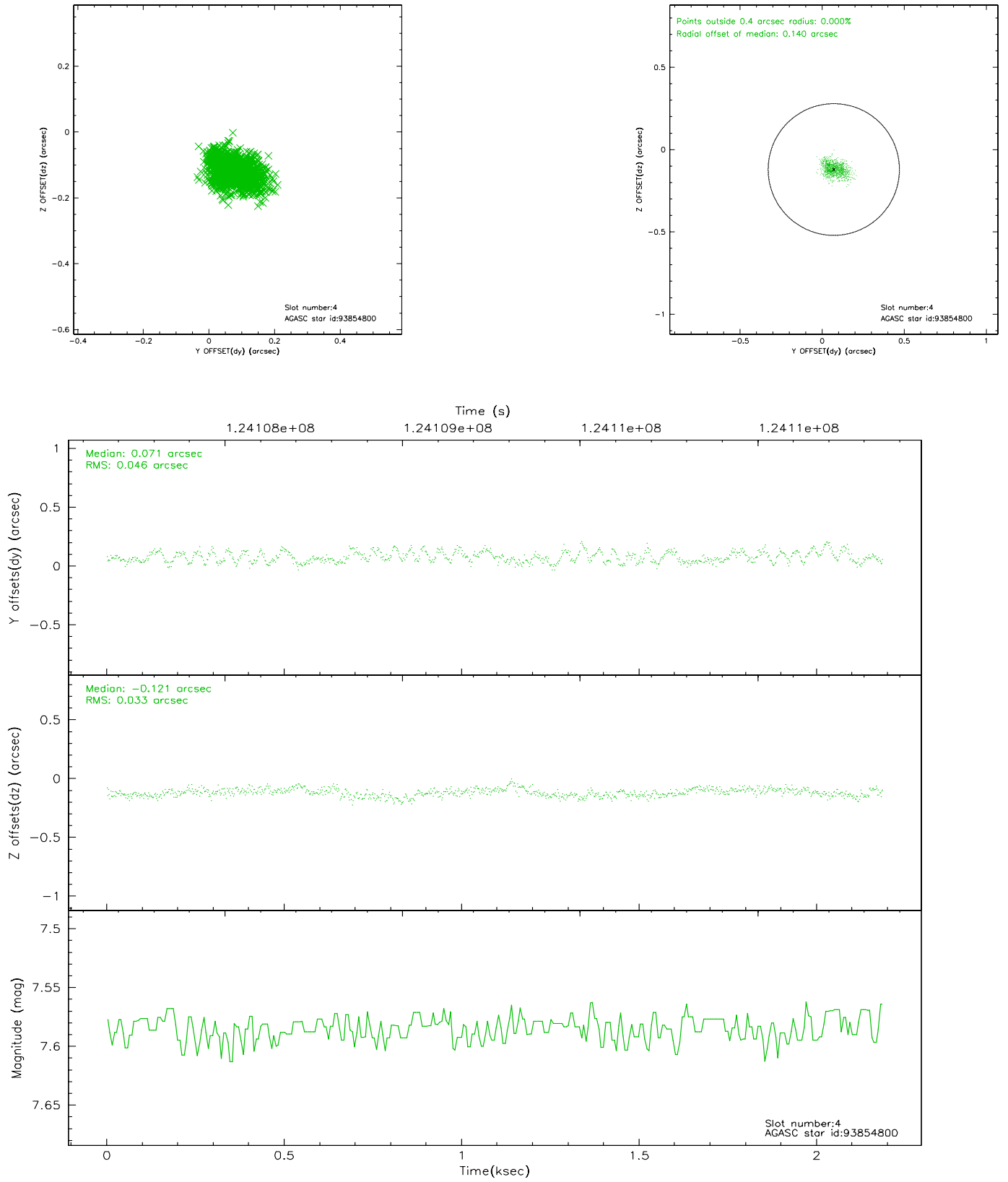
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	533	0.162	-0.165	0.007	0.012	0.000000	0.000000	-1157.80	-453.98
1	FID	HRC-S-2	6.98	533	0.081	-0.093	0.006	0.010	0.000000	0.000000	1239.63	-447.42
2	FID	HRC-S-3	7.01	533	0.147	-0.044	0.007	0.012	0.000000	0.000000	-1158.19	574.83
3	GUIDE	93862624	7.08	1067	-0.136	0.074	0.062	0.097	89.614911	7.860553	2142.78	-690.34
4	GUIDE	93854800	7.58	1067	0.071	-0.121	0.060	0.095	88.376308	7.655454	-1632.69	1716.08
5	GUIDE	93862944	8.13	1067	-0.089	0.073	0.068	0.112	89.630914	7.938807	2371.93	-517.24
6	GUIDE	93855160	8.49	1067	0.165	-0.101	0.069	0.114	88.514904	7.713359	-1125.59	1539.77
7	GUIDE	16918912	8.65	1066	-0.012	0.083	0.094	0.149	89.257075	6.922287	-1065.96	-2347.78

2.4 Star Slots

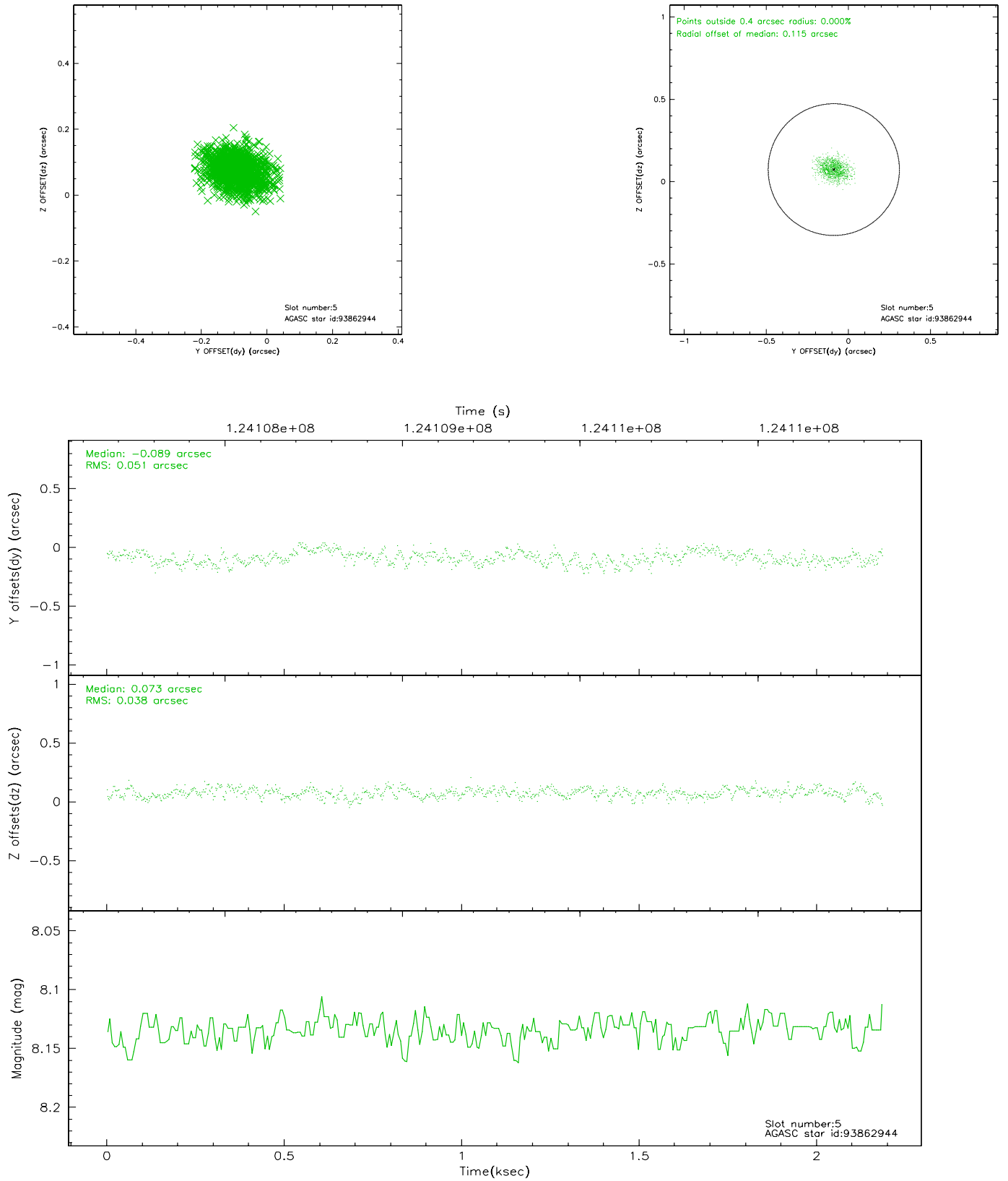
2.4.1 Slot 3



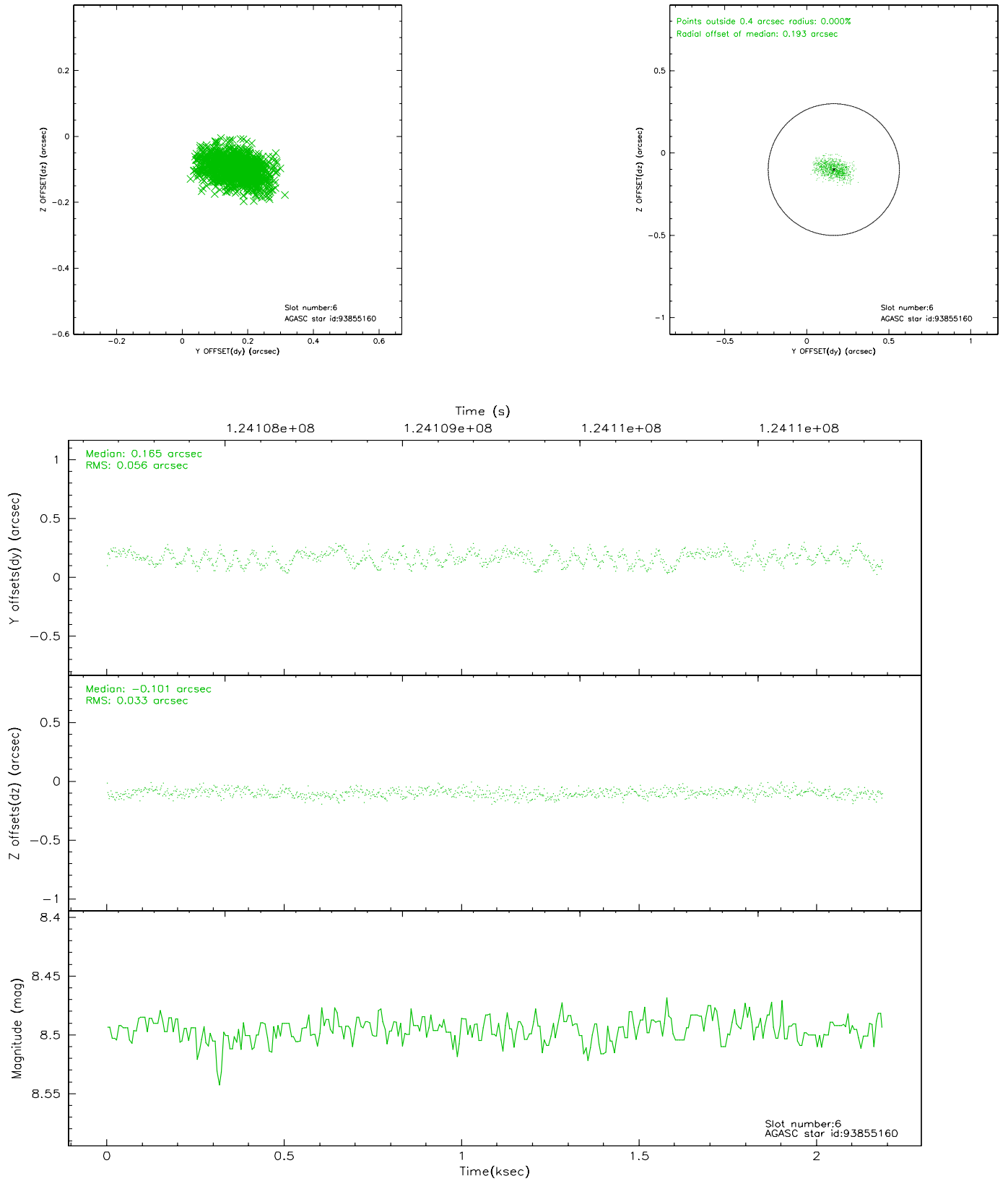
2.4.2 Slot 4



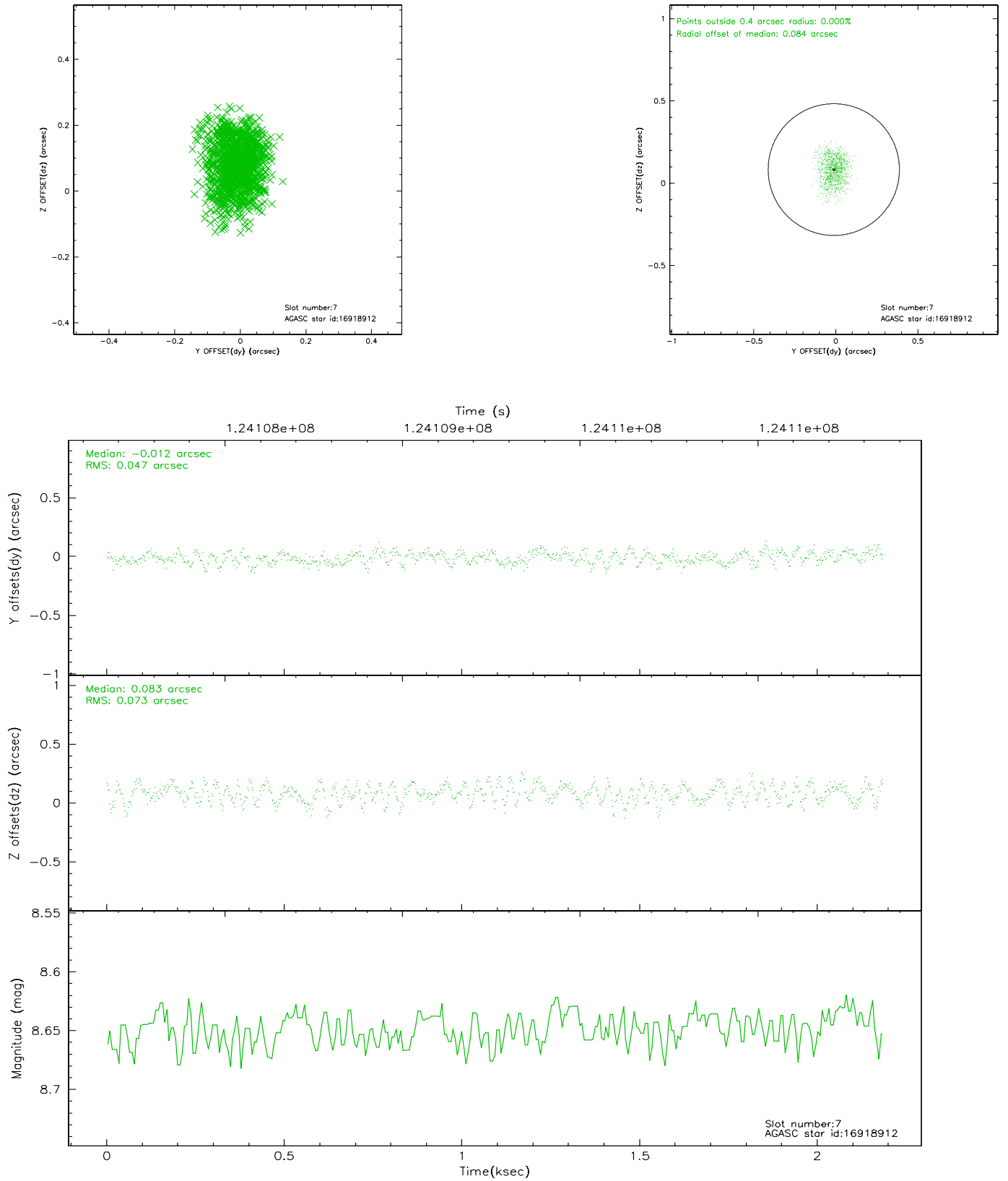
2.4.3 Slot 5



2.4.4 Slot 6

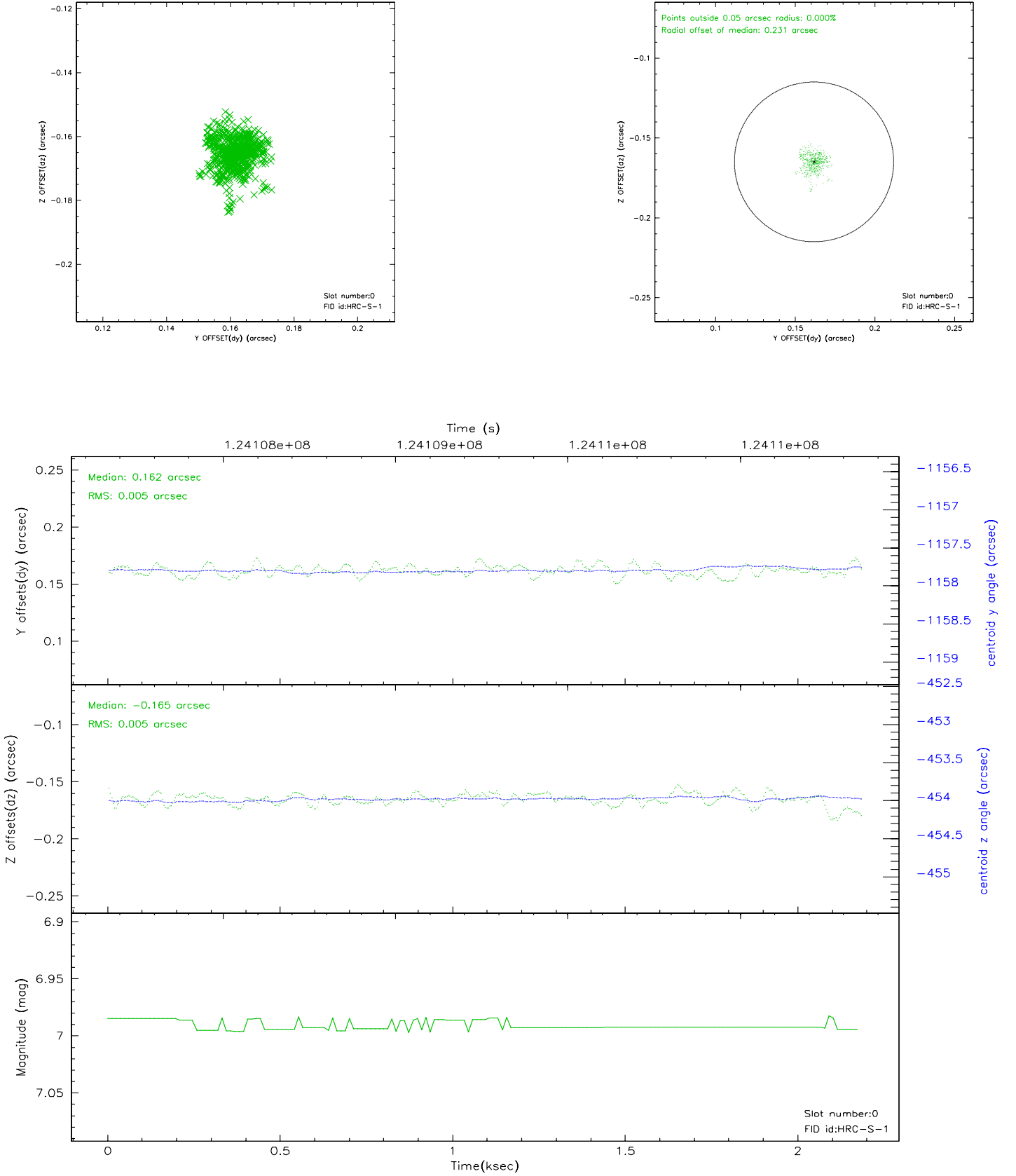


2.4.5 Slot 7

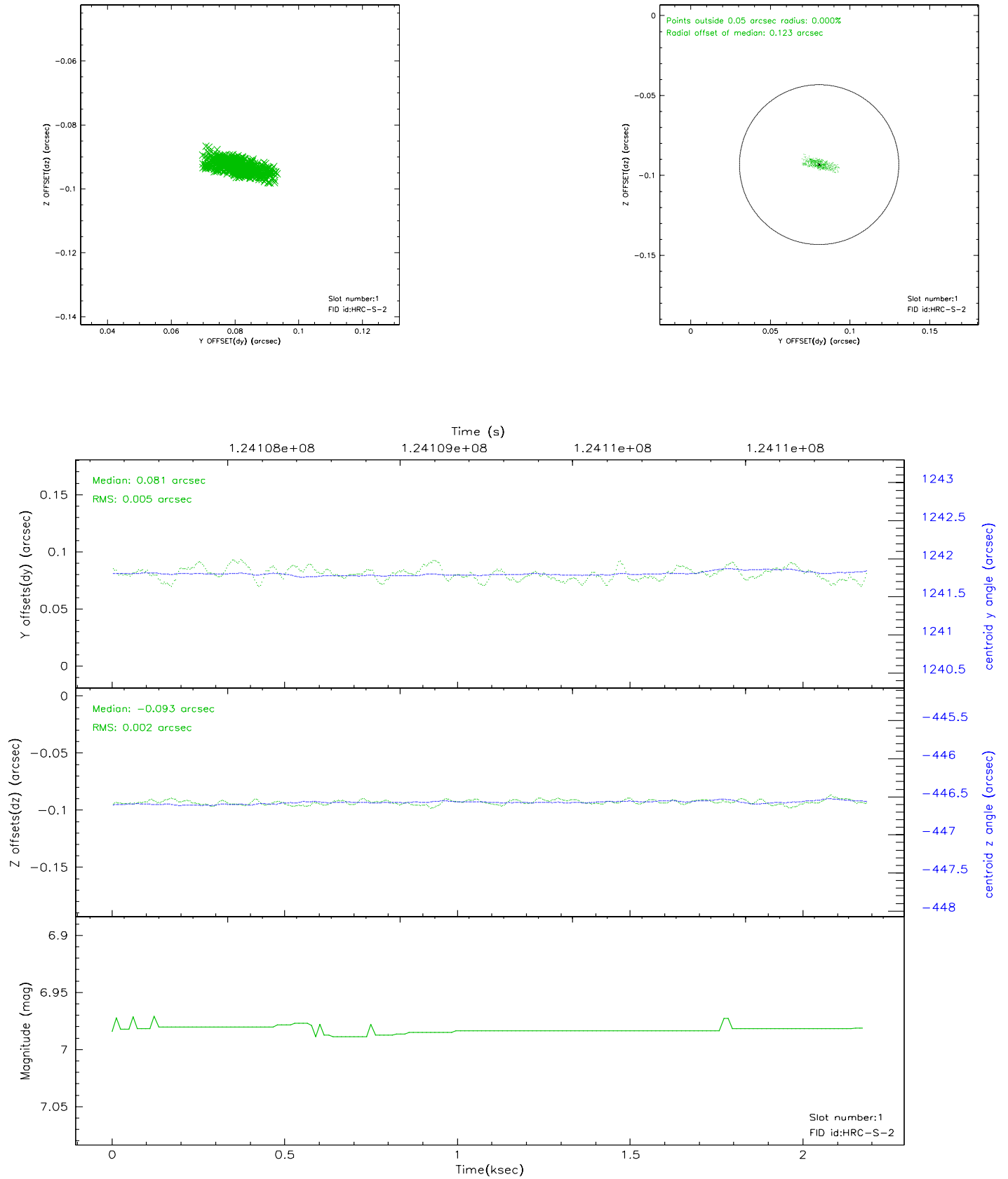


2.5 FID Slots

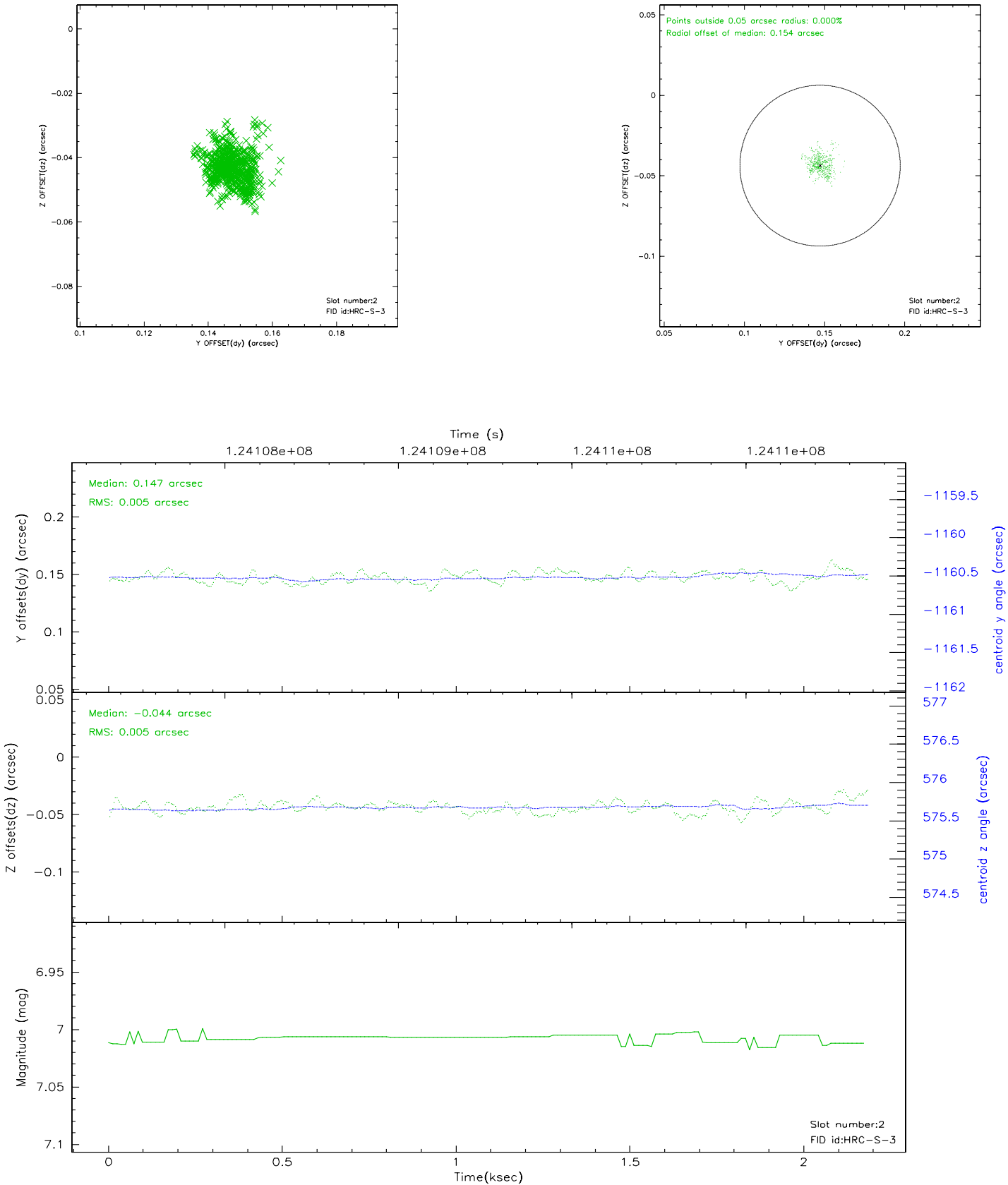
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.176

A.2 Comments