

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1743 - L2 Version 6
Chandra X-Ray Center

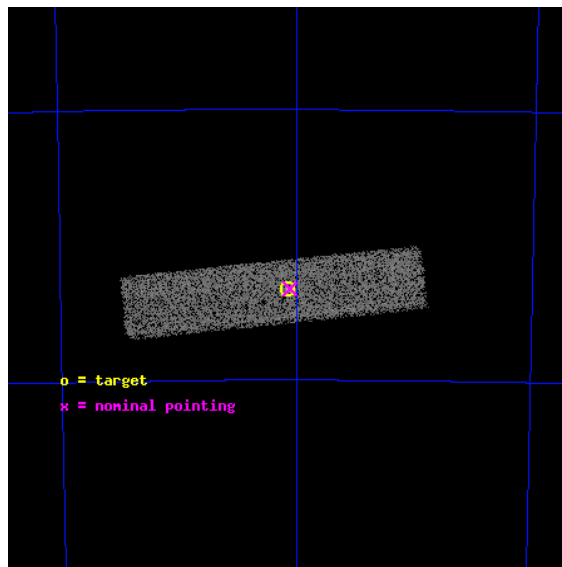
L2 Processing Date : Aug 29 2012

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1 Front

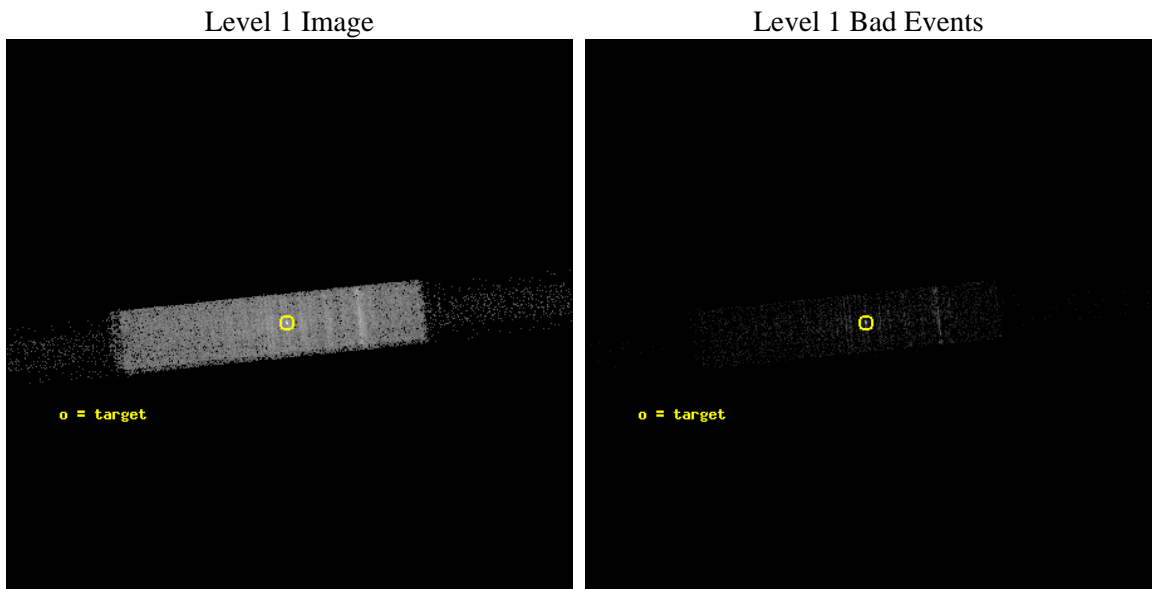
seq_num	590192	Sequence number
obs_id	1743	Observation id
title	VERIFICATION OF AXAF TIMING CAPABILITY	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PSR B0540-69	Source name
ra_targ	85.04625	Observer's specified target RA [deg]
dec_targ	-69.332	Observer's specified target Dec [deg]
ra_nom	85.034516437526	Nominal RA [deg]
dec_nom	-69.331380296332	Nominal Dec [deg]
roll_nom	174.04644202392	Nominal Roll [deg]
revision	6	Processing version of data
ontime	443.05626635253	[s]
livetime	440.73033697599	Ontime multiplied by DTCOR
l2events	19287	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	443.05626635253	[s]
caldsver	4.5.1.1	 	l1events	65706	Number of level 1 events
date	2012-08-29T14:49:50	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

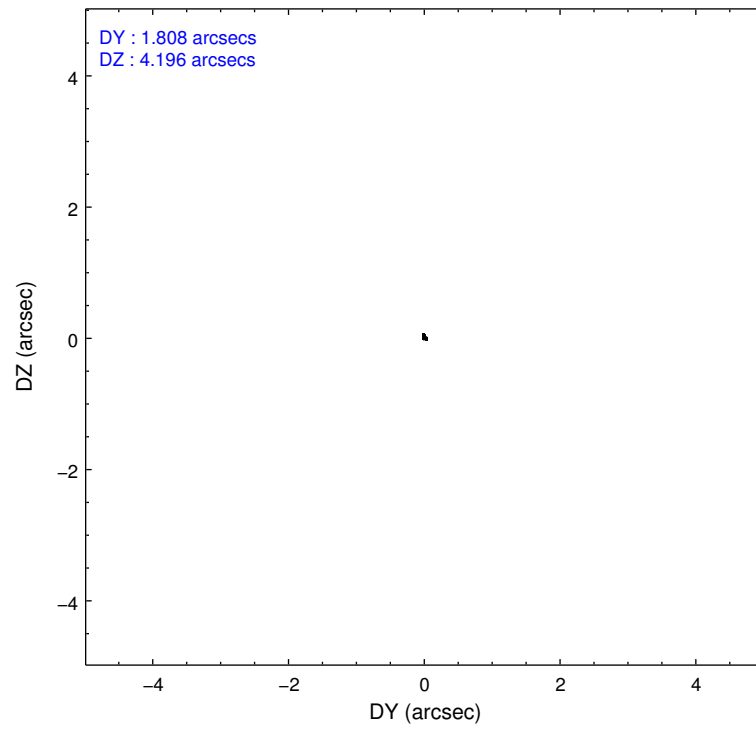
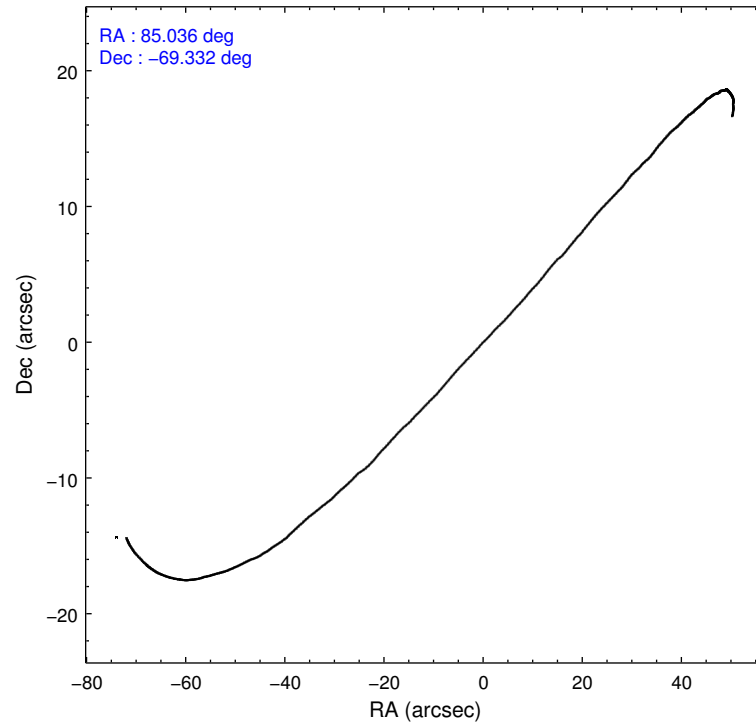
	segment 1	segment 2	segment 3
level 1 events	6659	51595	7452
rejected events	6612	17825	7445
rejected %	99%	34%	99%

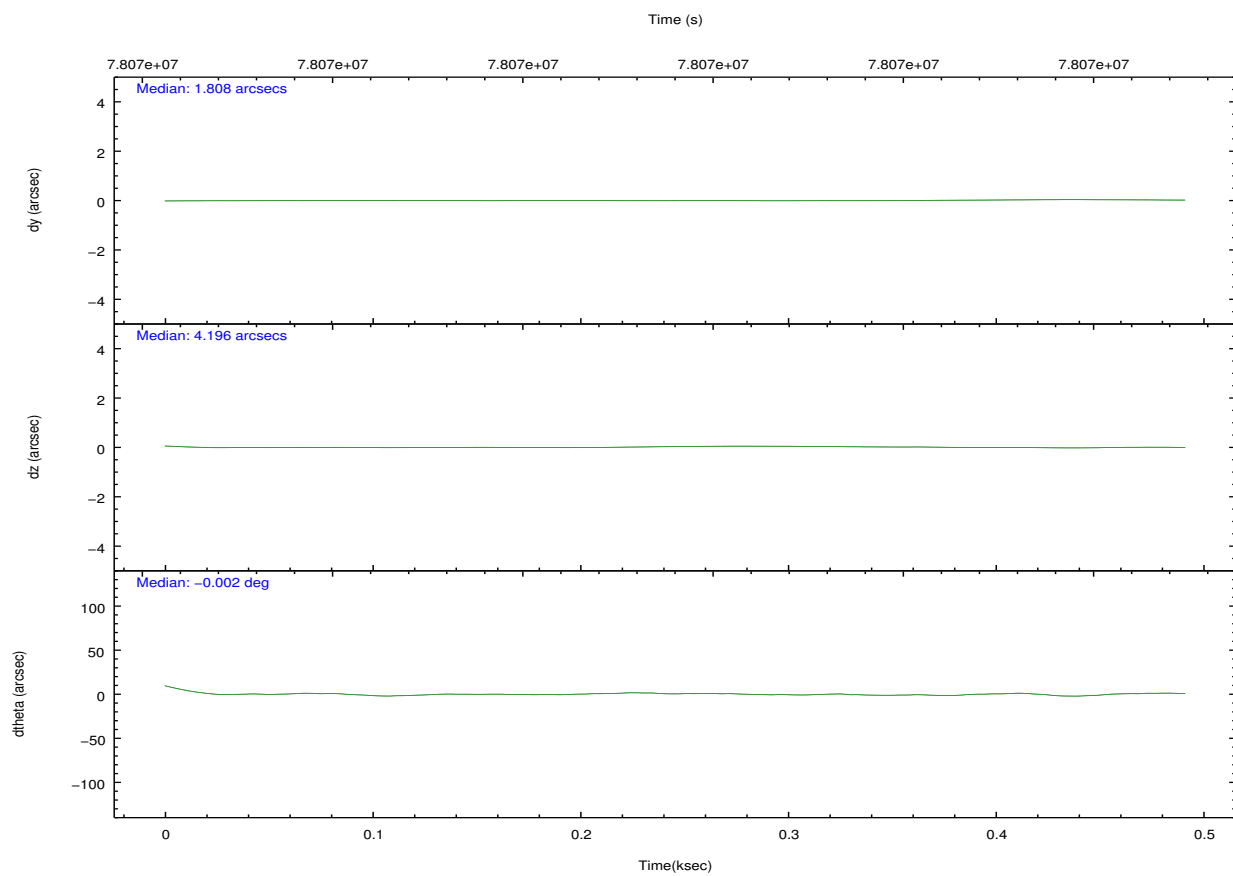
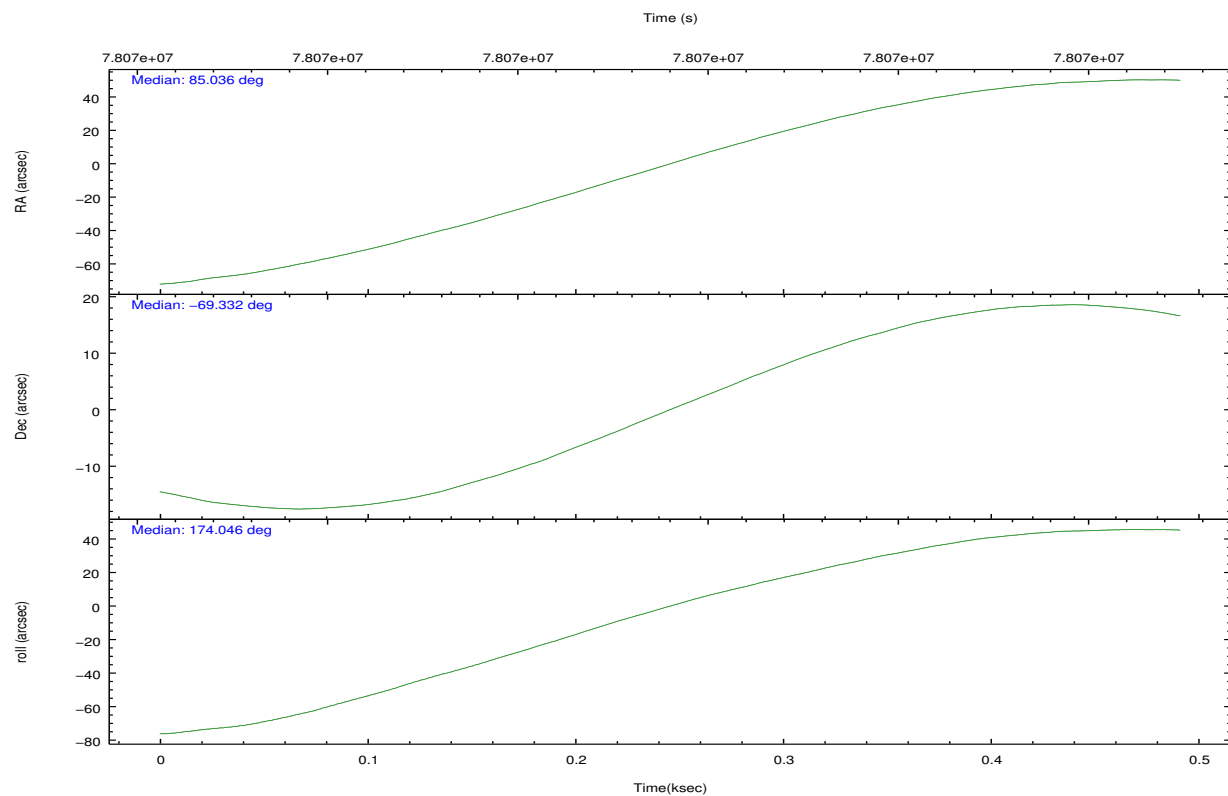
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	85.105325	85.03451643752615
[deg] Pointing Dec	-69.318440	-69.33138029633179
[deg] Pointing Roll	174.045443	174.0464420239244
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	78069927.184000	78069550.975437
Observation start date	2000-06-22T14:04:23	2000-06-22T13:59:10
[s] Observation end time (MET)	78070227.184000	78070360.725467
Observation end date	2000-06-22T14:09:23	2000-06-22T14:12:40

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



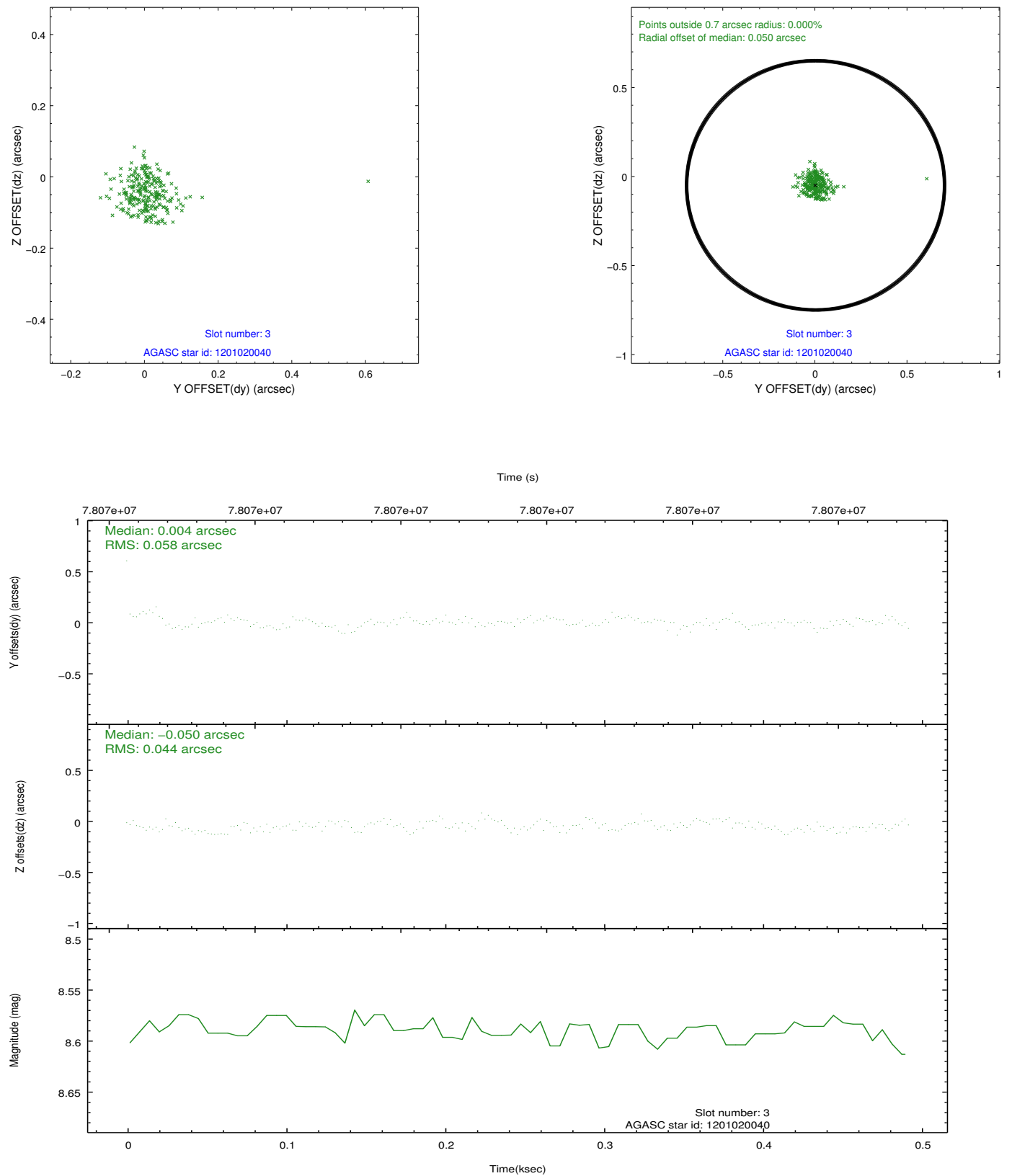


Slot Statistics

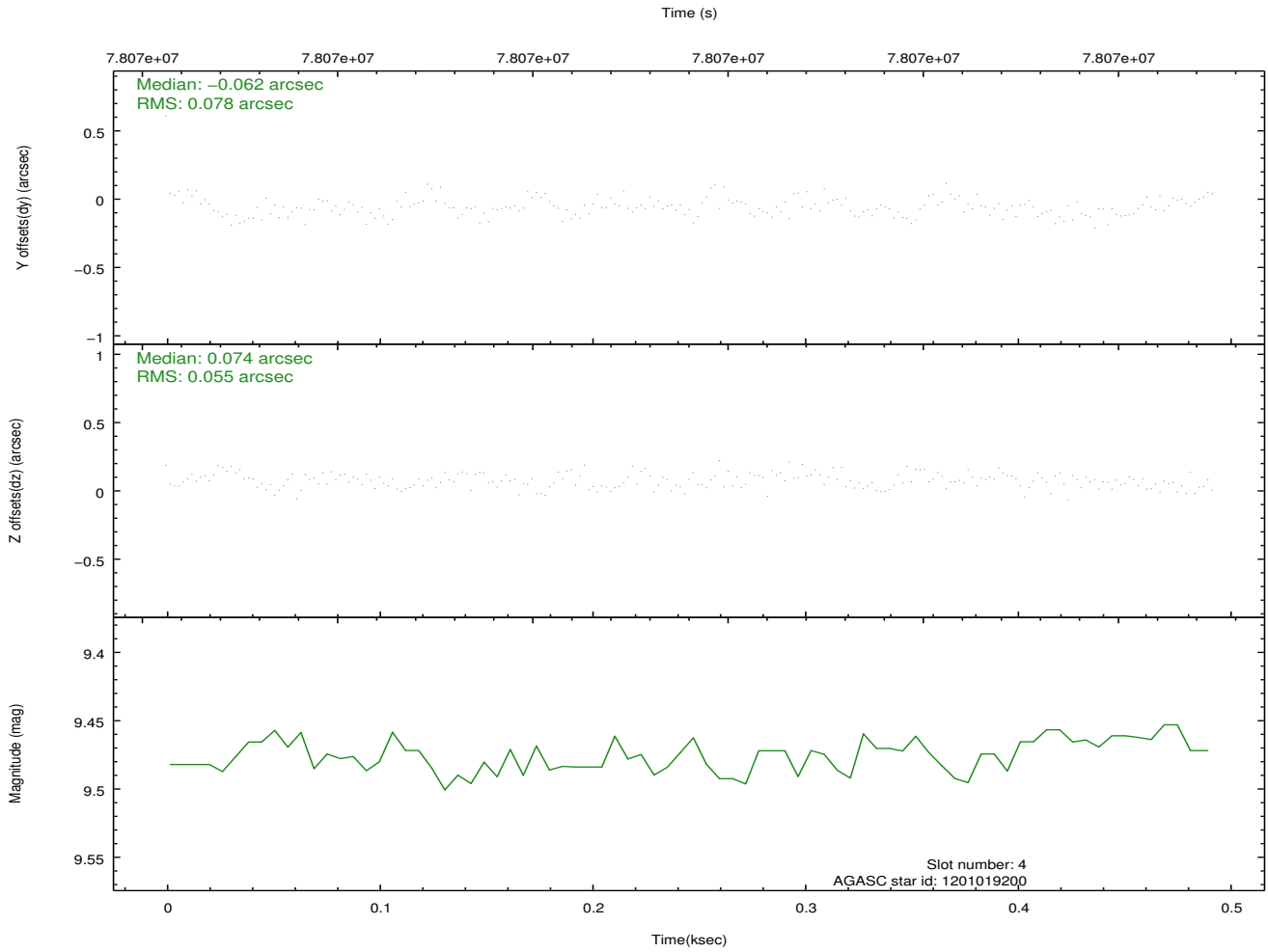
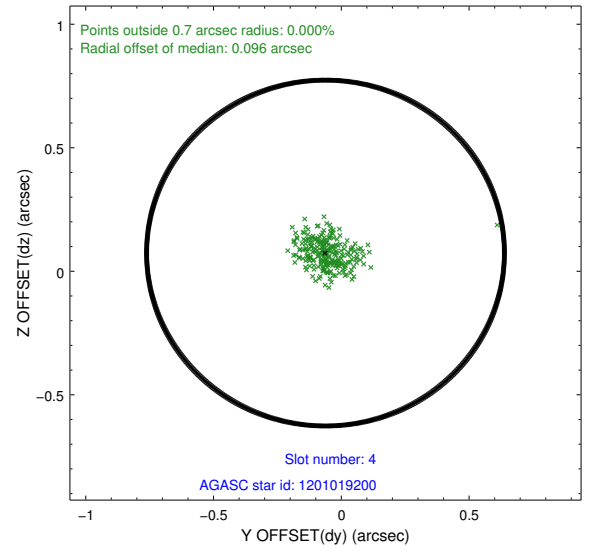
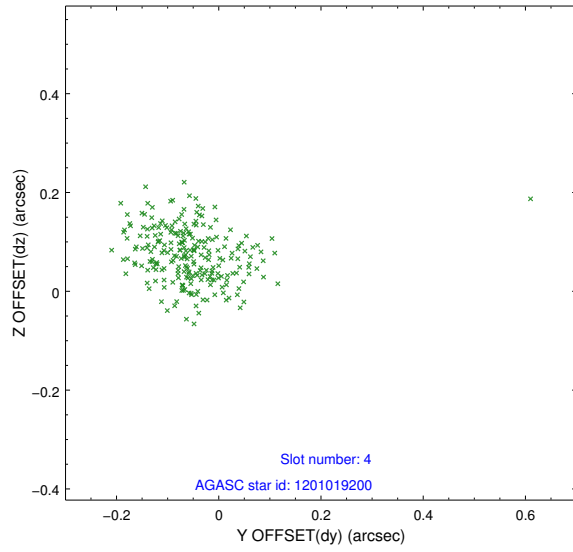
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	120	0.121	-0.118	0.005	0.013	0.000000	0.000000	-1155.85	-452.64
1	FID	HRC-S-3	6.98	120	0.147	-0.083	0.007	0.014	0.000000	0.000000	-1168.16	573.16
2	FID	HRC-S-4	6.92	120	0.119	-0.096	0.005	0.008	0.000000	0.000000	1232.69	584.20
3	GUIDE	1201020040	8.59	241	0.004	-0.050	0.067	0.107	85.379163	-68.879396	-185.69	-1608.50
4	GUIDE	1201019200	9.47	241	-0.062	0.074	0.095	0.145	84.213591	-68.777384	1359.93	-1815.25
5	GUIDE	1201406992	9.27	241	0.080	-0.050	0.083	0.137	83.682859	-69.471866	1735.77	748.54
6	GUIDE	1200885760	9.48	241	-0.085	0.093	0.102	0.174	83.723637	-68.777667	2001.47	-1726.44
7	GUIDE	1201020088	10.59	240	0.094	-0.026	0.143	0.249	86.319248	-68.997756	-1427.50	-1303.02

2.4 Star Slots

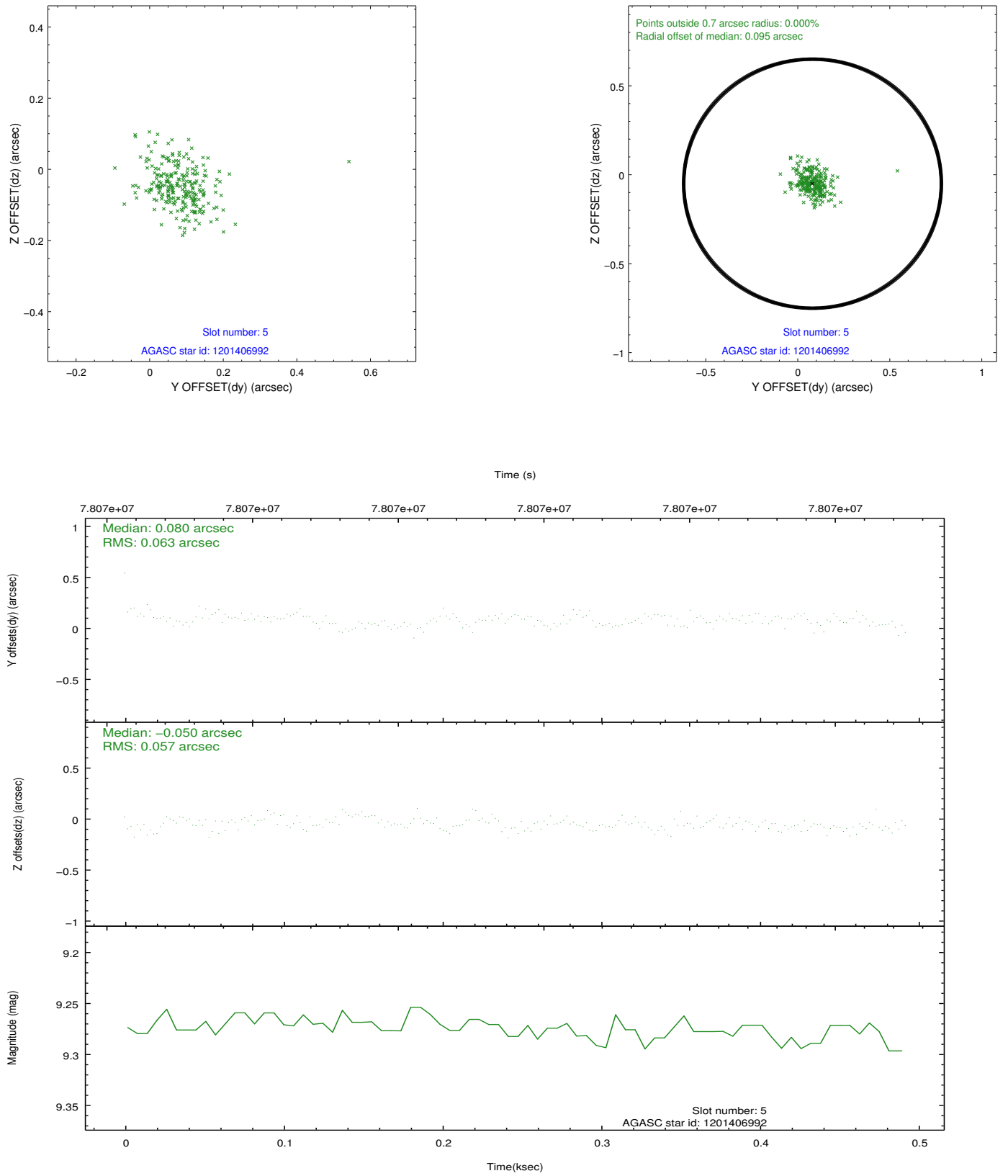
2.4.1 Slot 3



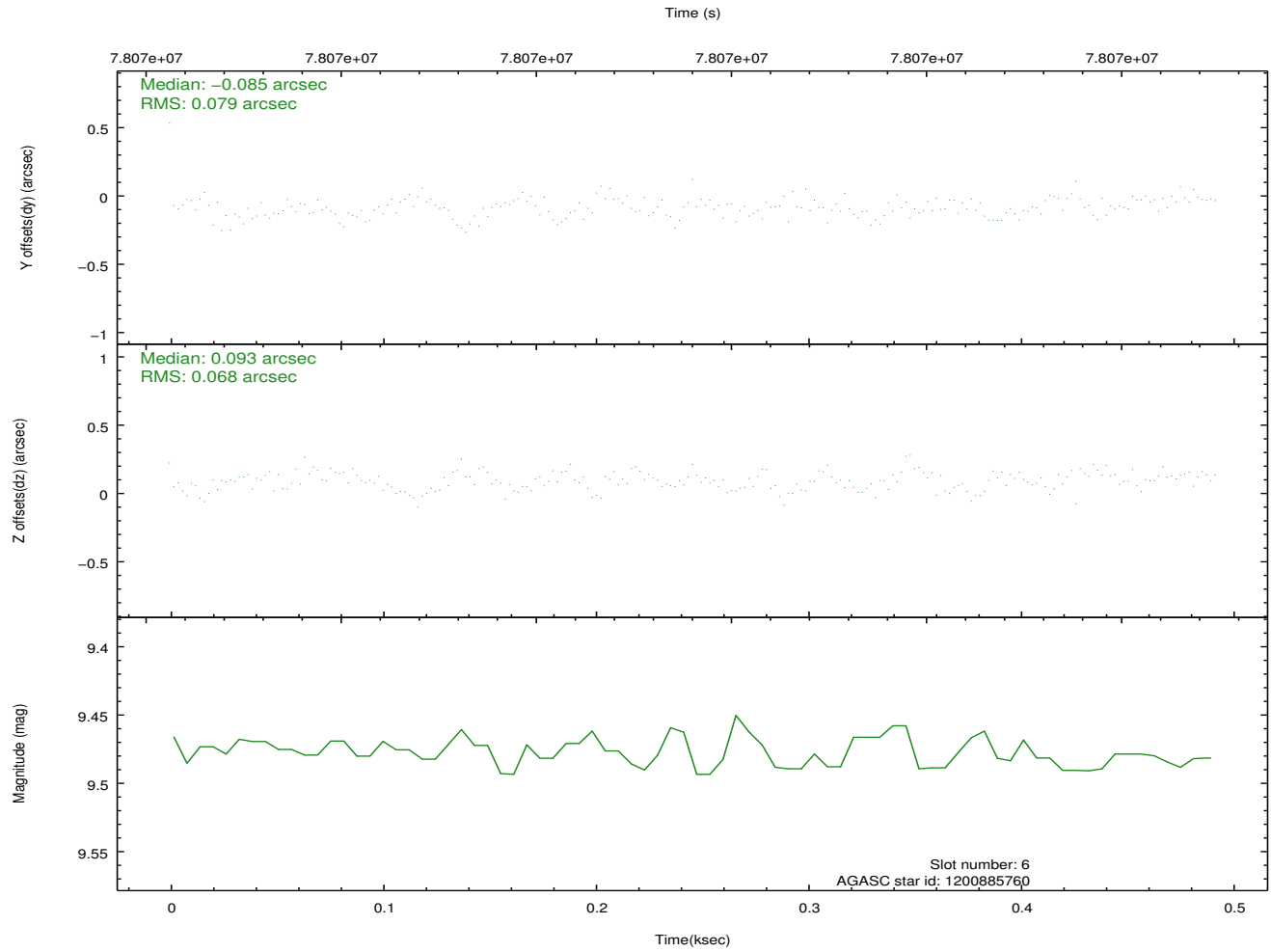
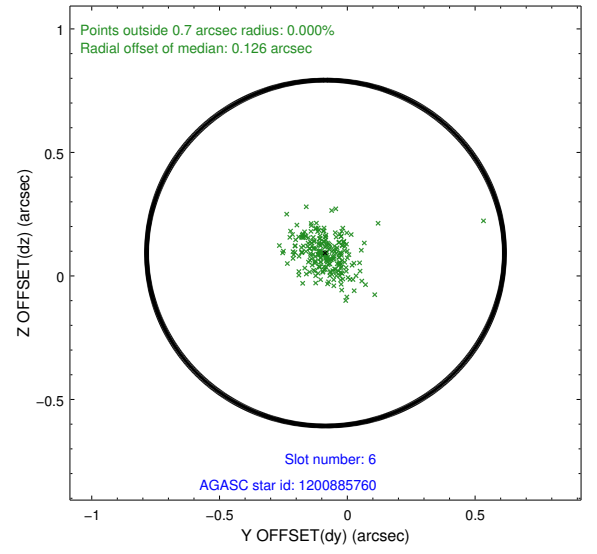
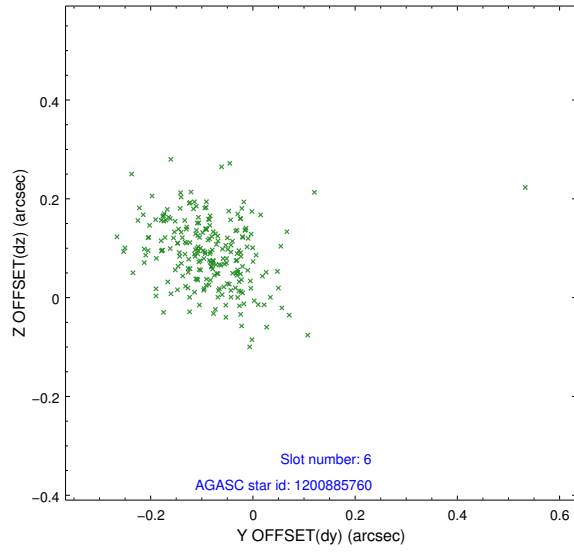
2.4.2 Slot 4



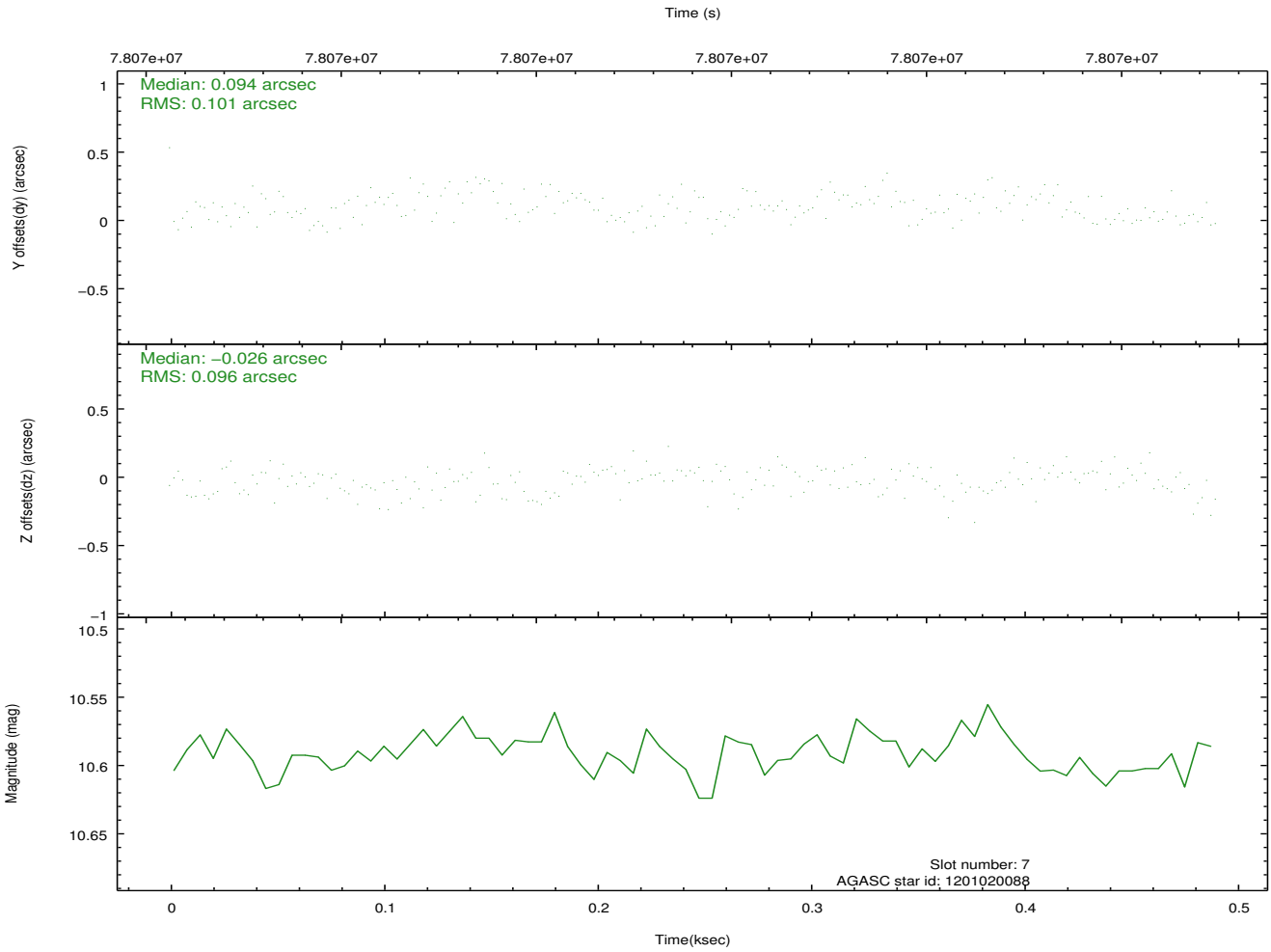
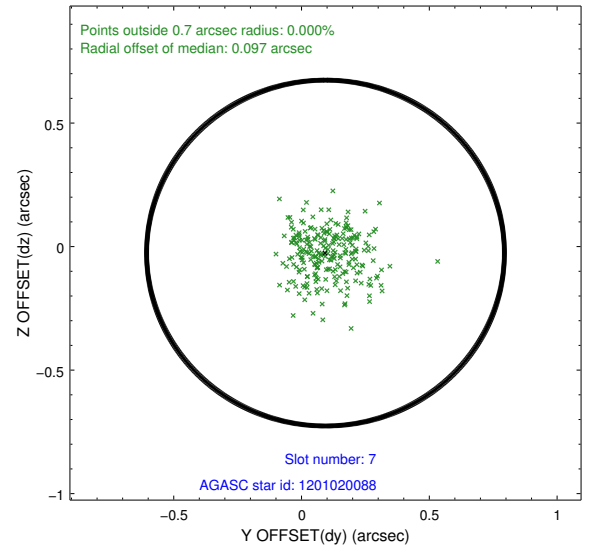
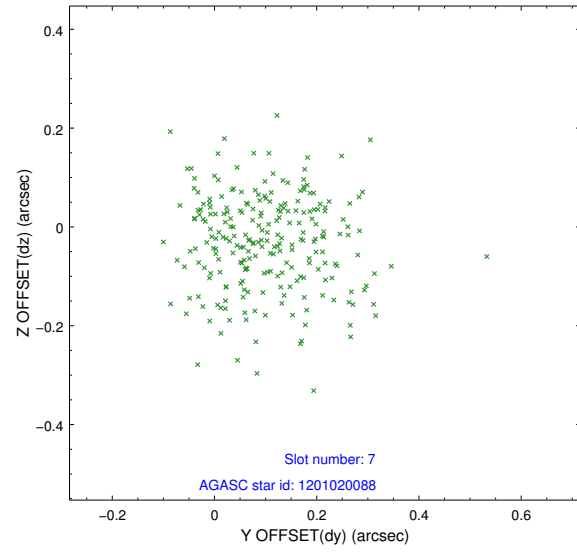
2.4.3 Slot 5



2.4.4 Slot 6

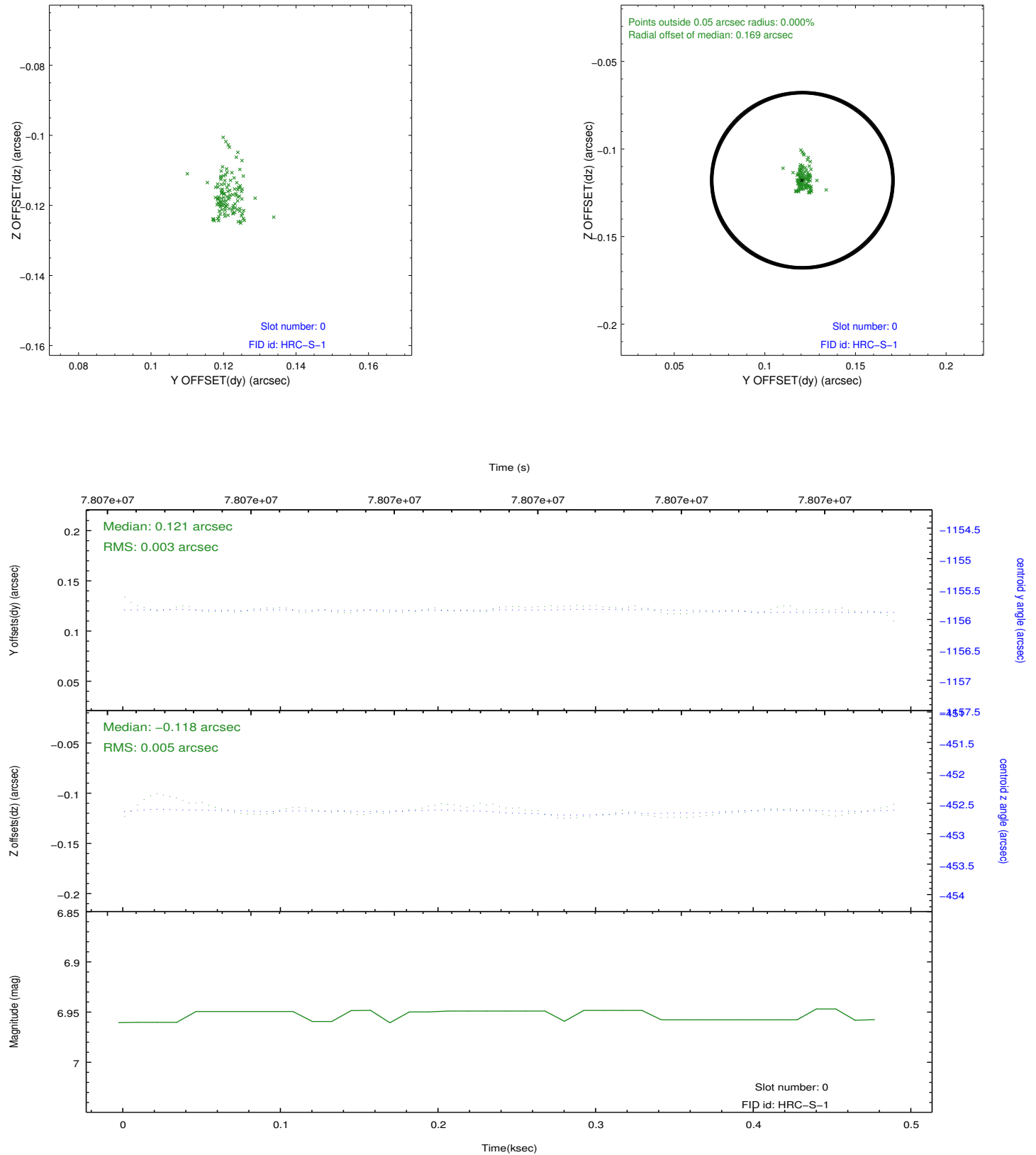


2.4.5 Slot 7

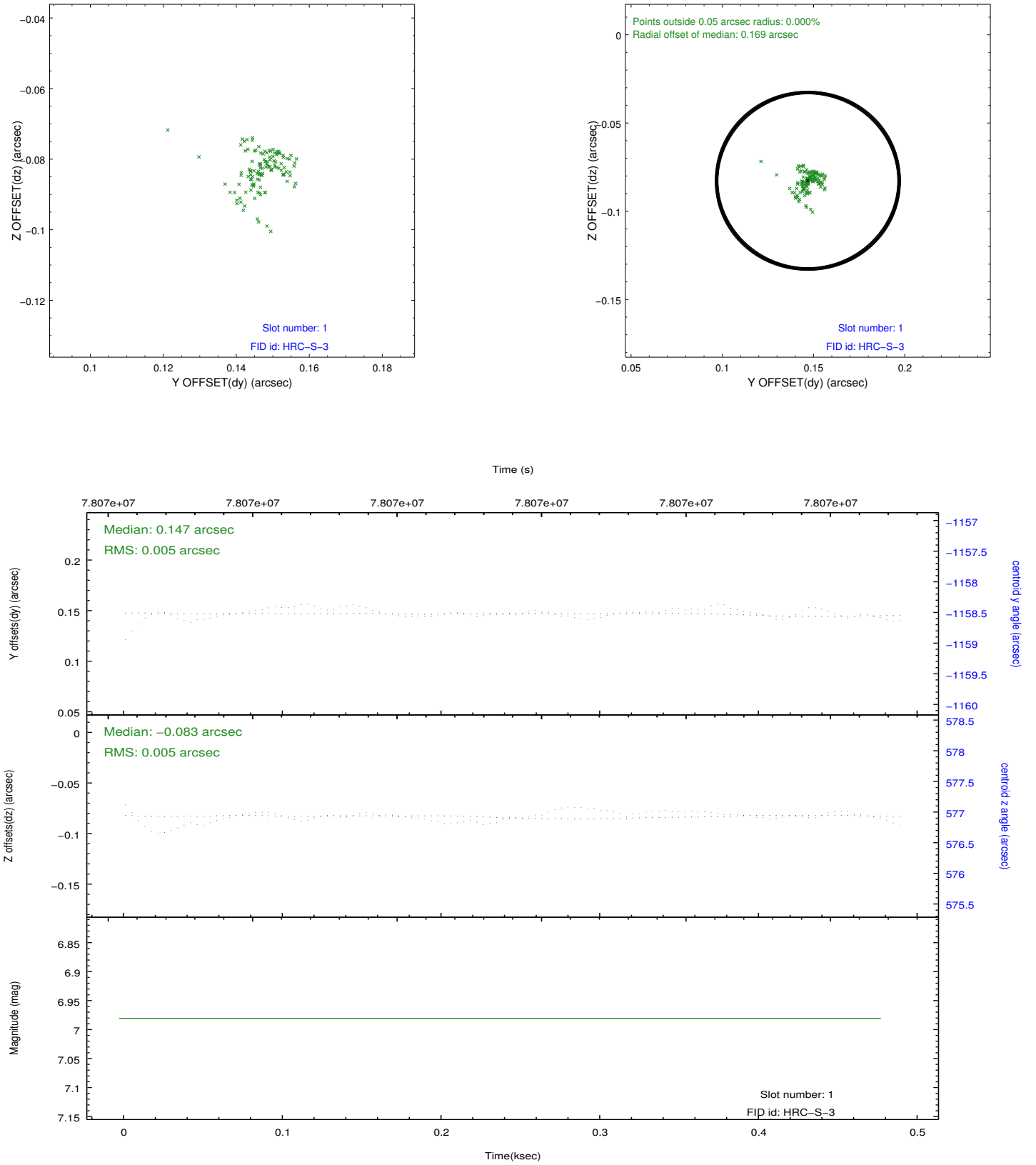


2.5 FID Slots

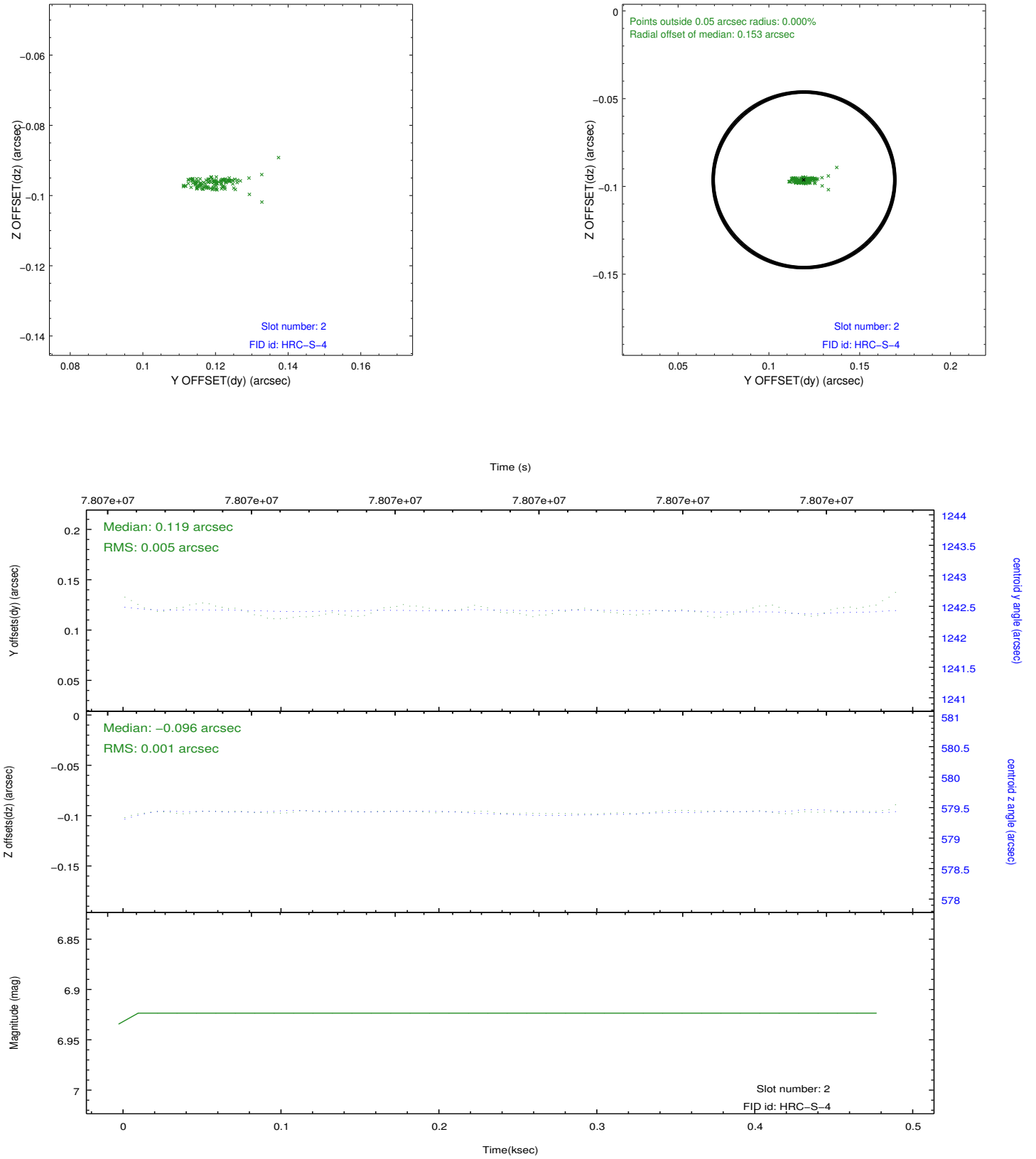
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.483

A.2 Comments

Charge time for this ObsId remains at original value of 0.483 ksec, although with the current processing the charge time would have been 0.443 ksec.