

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1744 - L2 Version 7
Chandra X-Ray Center

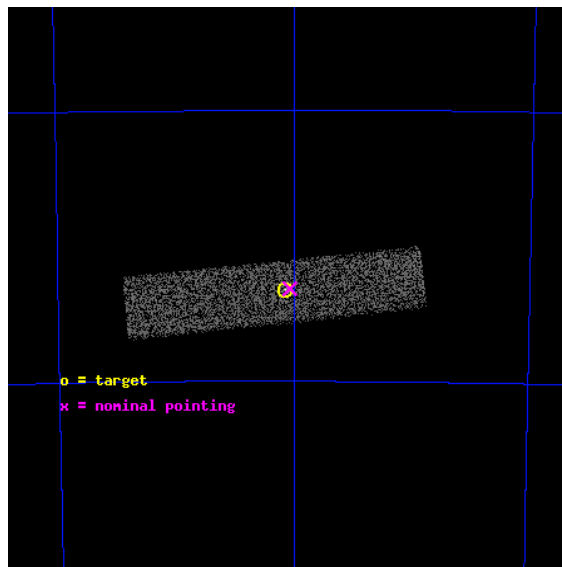
L2 Processing Date : Aug 29 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

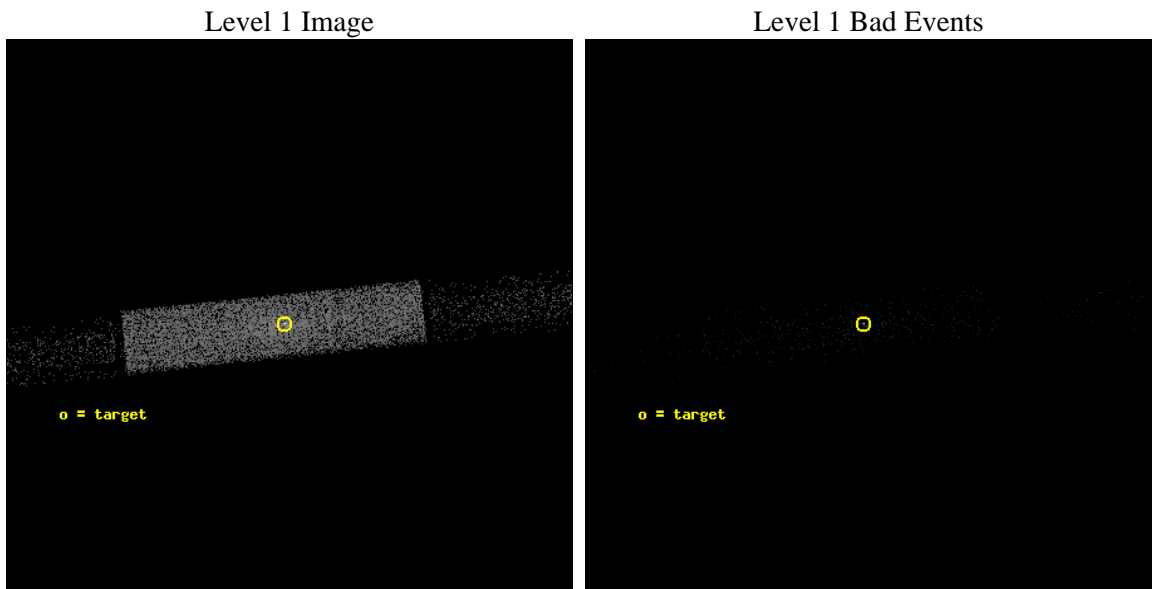
seq_num	590193	Sequence number
obs_id	1744	Observation id
title	VERIFICATION OF AXAF TIMING CAPABILITY	Proposal title
observer	DR. CXC CALIBRATION	Principal investigator
object	PSR B0540-69	Source name
ra_targ	85.04625	Observer's specified target RA [deg]
dec_targ	-69.332	Observer's specified target Dec [deg]
ra_nom	85.021897006265	Nominal RA [deg]
dec_nom	-69.330167584436	Nominal Dec [deg]
roll_nom	174.02562979227	Nominal Roll [deg]
revision	7	Processing version of data
ontime	379.25001400709	[s]
livetime	378.32600793307	Ontime multiplied by DTCOR
l2events	9671	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	379.25001400709	[s]
caldsver	4.5.1.1	 	l1events	19794	Number of level 1 events
date	2012-08-29T14:49:13	Date and time of file creation			
revision	7	Processing version of data			

2.1.3 Events

Level 1 Events

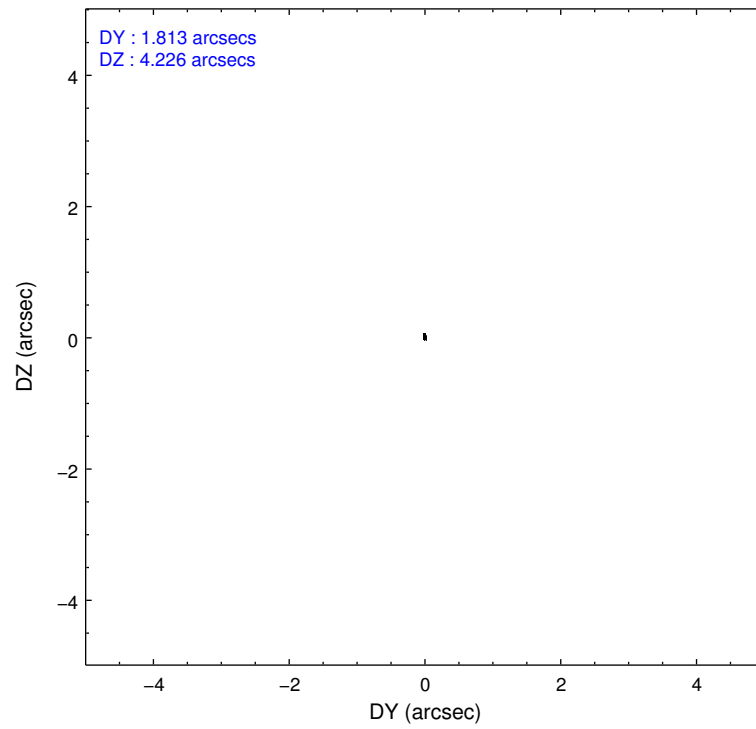
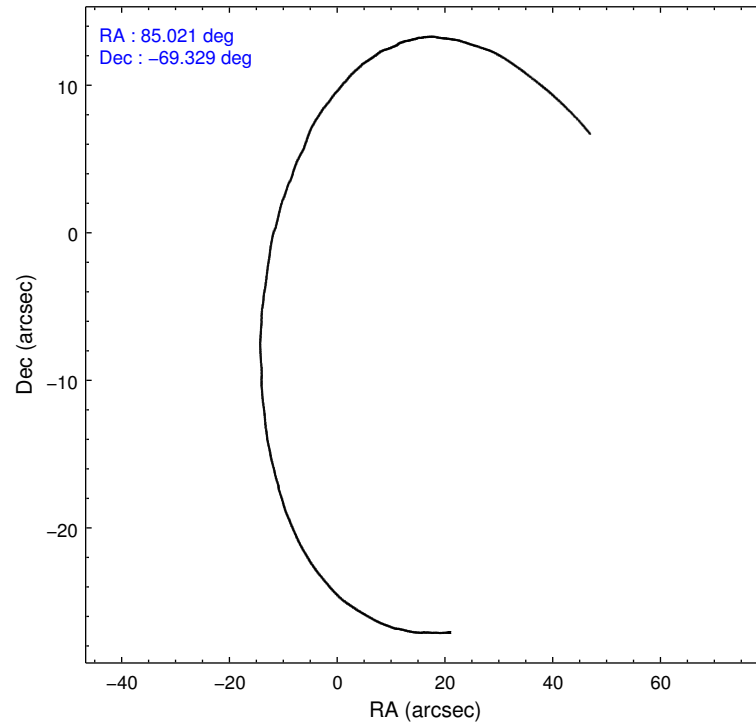
	segment 1	segment 2	segment 3
level 1 events	1252	17157	1385
rejected events	1235	3670	1385
rejected %	98%	21%	100%

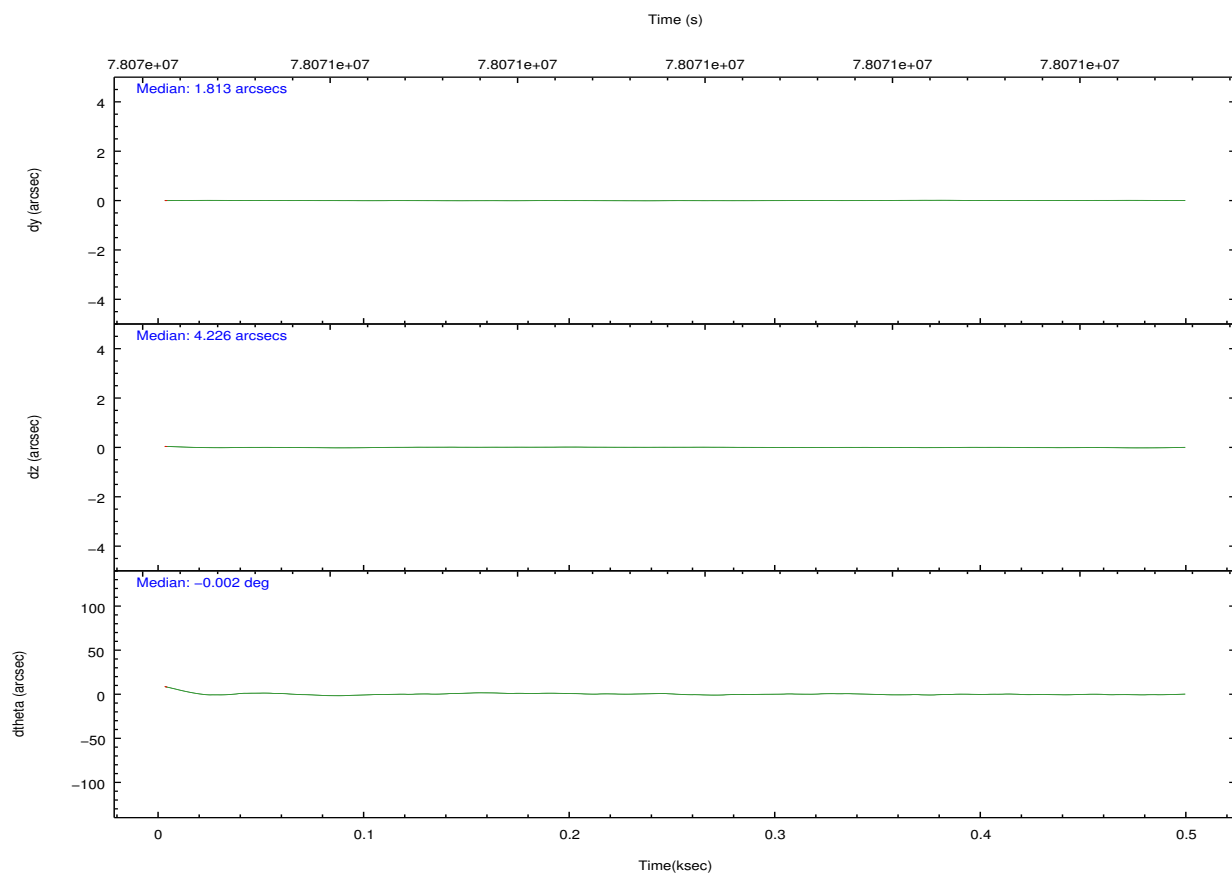
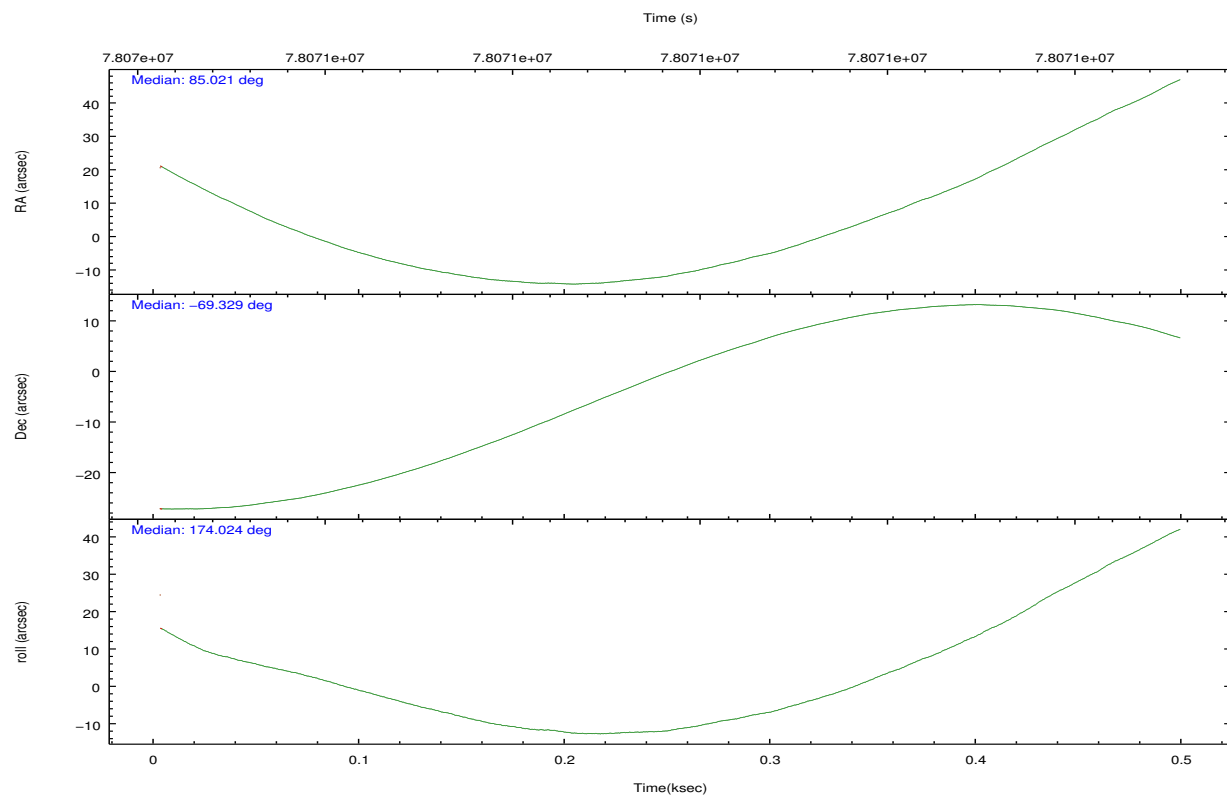
2.2 Compared Parameters

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	85.02189700626477	85.02189700626477
[deg] Pointing Dec	-69.33016758443567	-69.33016758443567
[deg] Pointing Roll	174.025629792268	174.025629792268
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.46603308	250.46603308
[mm] SIM translation stage offset	-0.01005726100527227	-0.01005726100527227
[s] Observation start time (MET)	78070538.56268877	78070538.56268877
Observation start date	2000-06-22T14:17:53	2000-06-22T14:15:38
[s] Observation end time (MET)	78071037.73770717	78071037.73770717
Observation end date	2000-06-22T14:22:53	2000-06-22T14:23:57

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE

2.3 Aspect



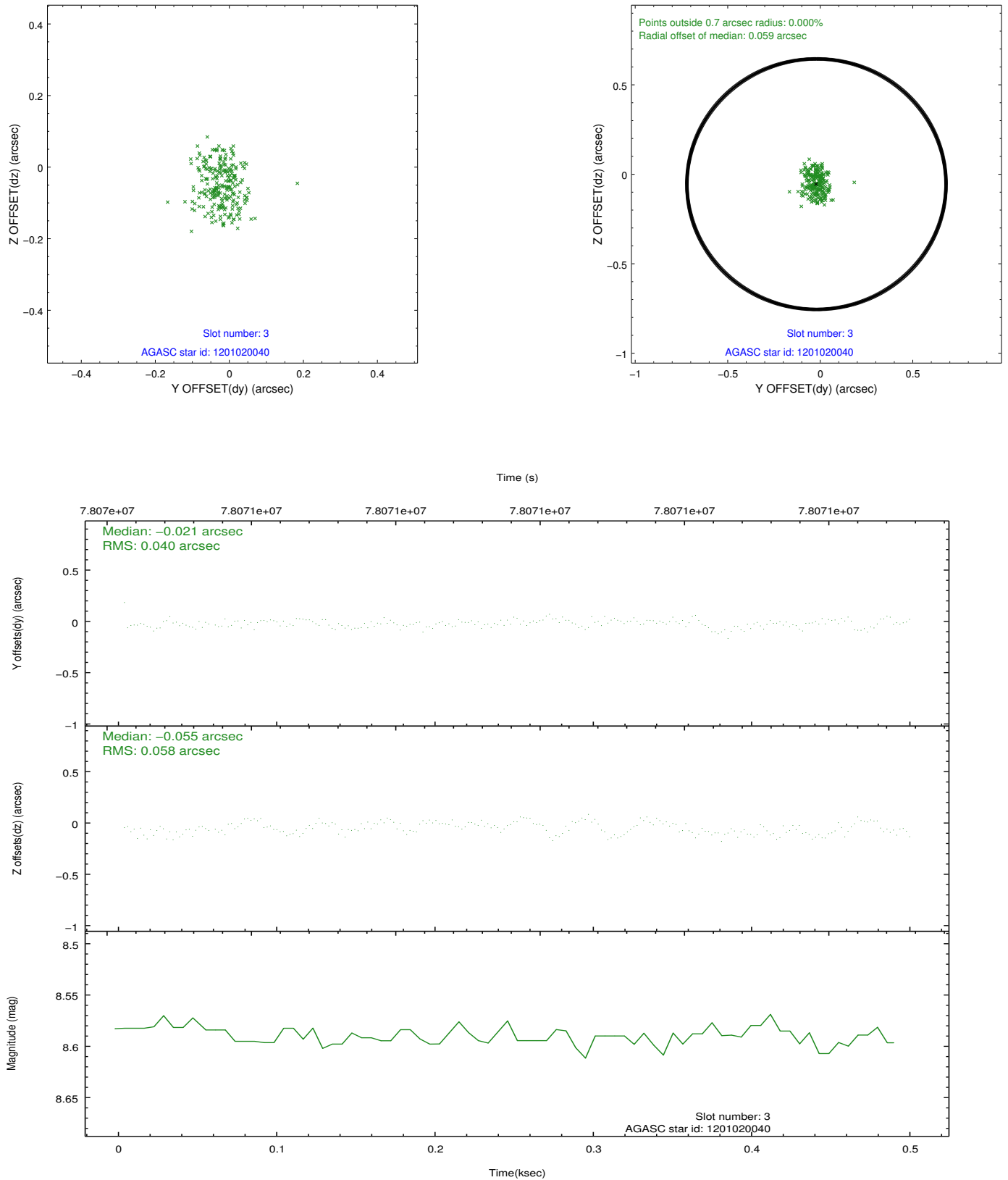


Slot Statistics

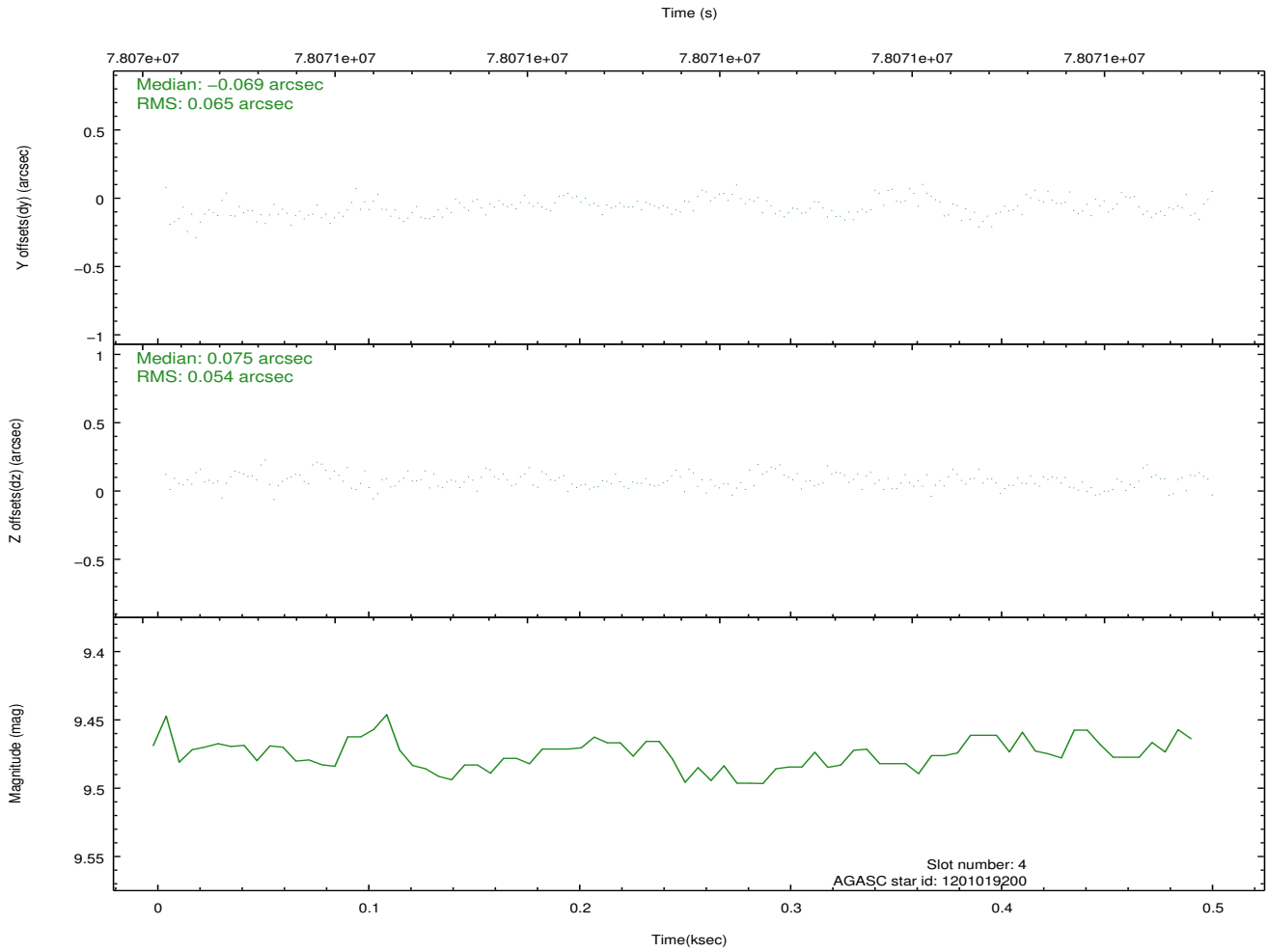
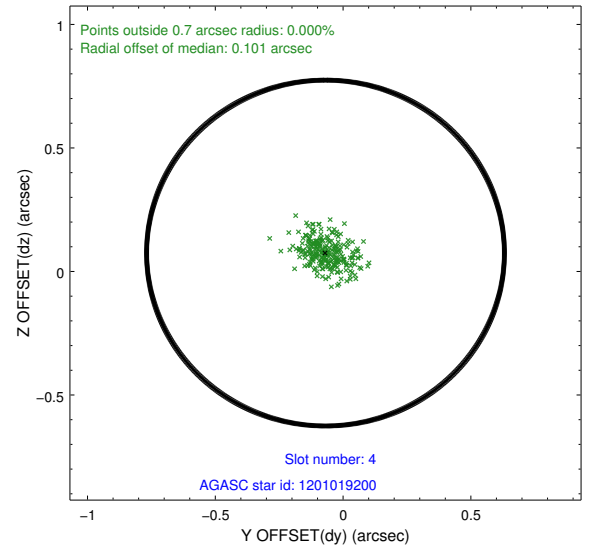
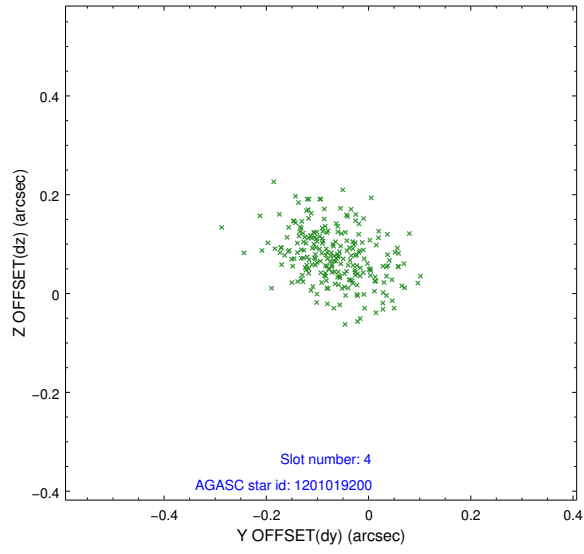
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	122	0.123	-0.117	0.007	0.012	0.000000	0.000000	-1155.86	-452.65
1	FID	HRC-S-3	6.98	122	0.142	-0.083	0.009	0.017	0.000000	0.000000	-1168.00	573.21
2	FID	HRC-S-4	6.92	122	0.123	-0.097	0.005	0.008	0.000000	0.000000	1232.86	584.09
3	GUIDE	1201020040	8.59	242	-0.021	-0.055	0.078	0.110	85.379163	-68.879396	-201.98	-1605.78
4	GUIDE	1201019200	9.47	243	-0.069	0.075	0.095	0.143	84.213591	-68.777384	1343.63	-1812.33
5	GUIDE	1201406992	9.27	243	0.085	-0.037	0.084	0.133	83.682859	-69.471866	1719.07	751.52
6	GUIDE	1200885760	9.47	243	-0.081	0.087	0.097	0.153	83.723637	-68.777667	1985.10	-1723.51
7	GUIDE	1201020088	10.60	241	0.098	-0.042	0.144	0.232	86.319248	-68.997756	-1443.90	-1300.57

2.4 Star Slots

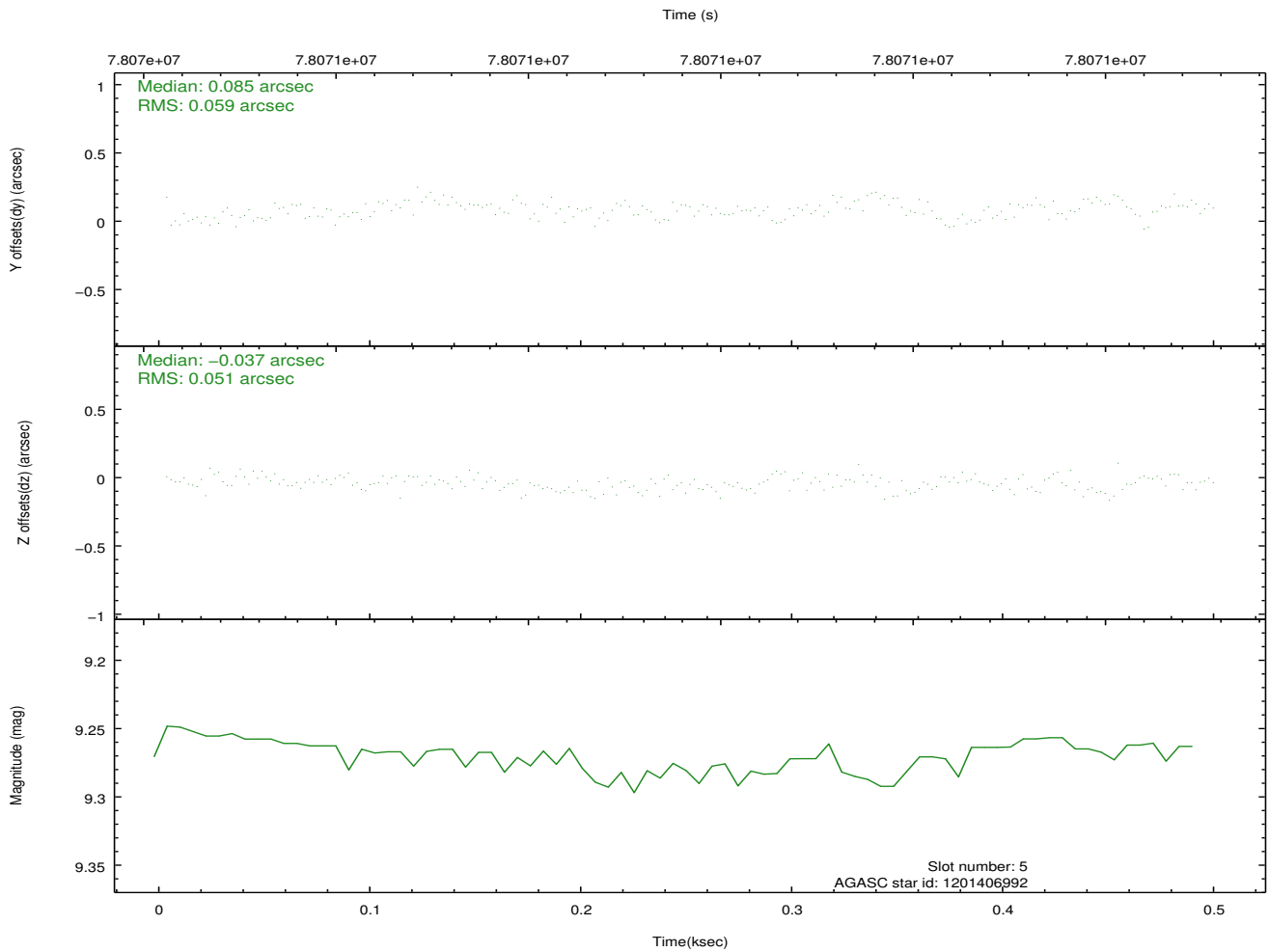
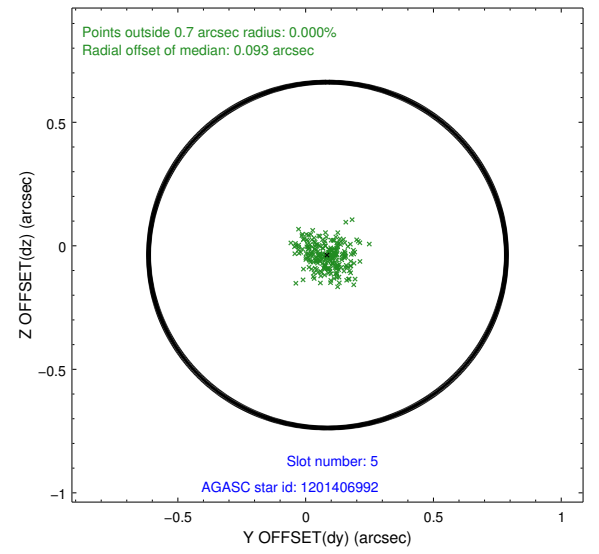
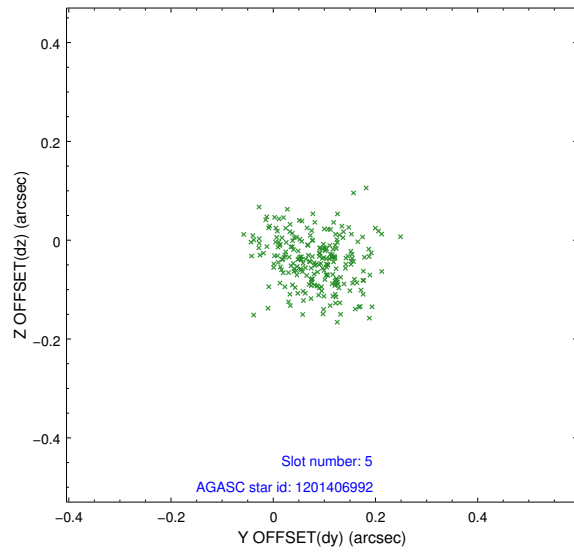
2.4.1 Slot 3



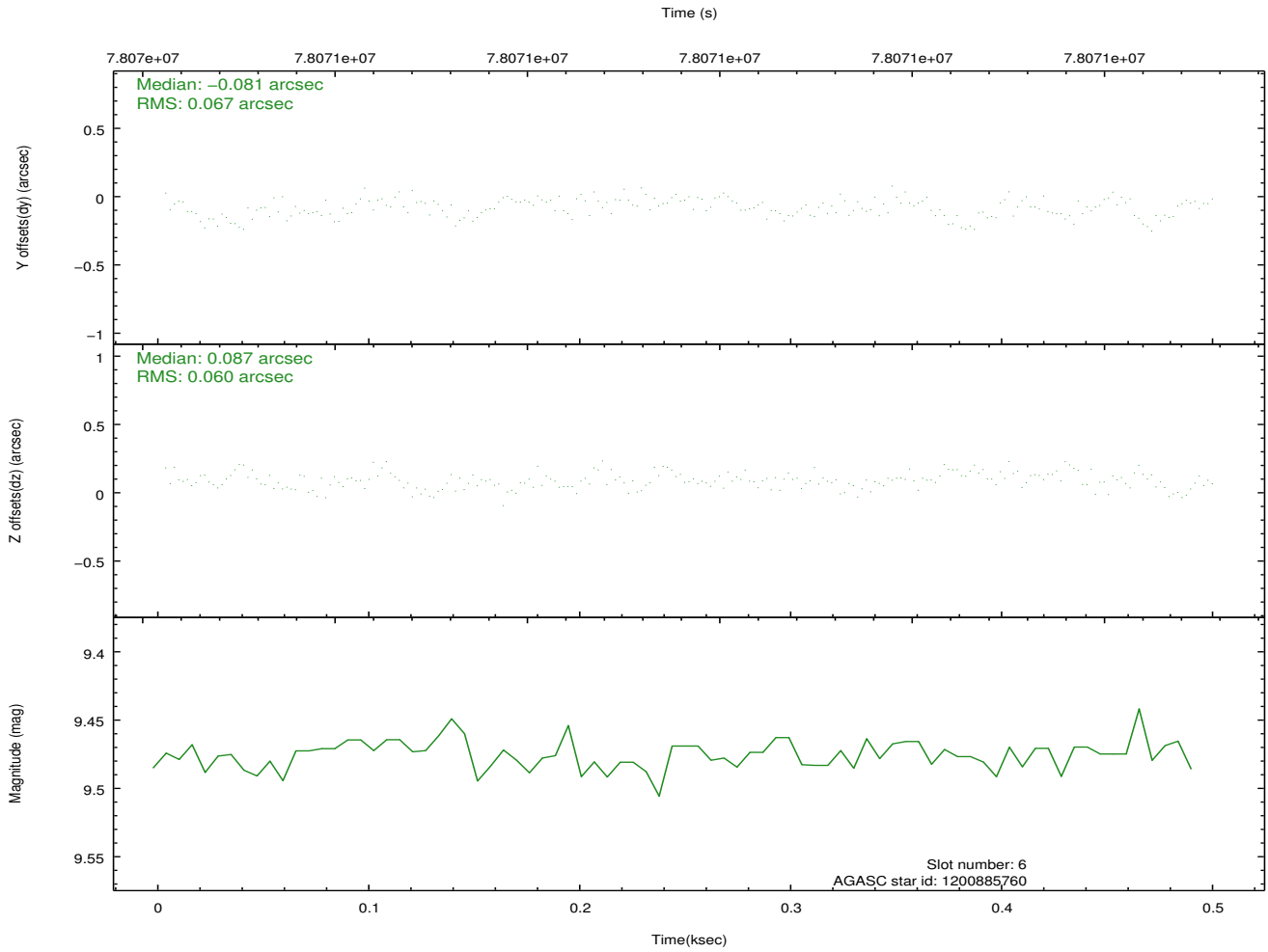
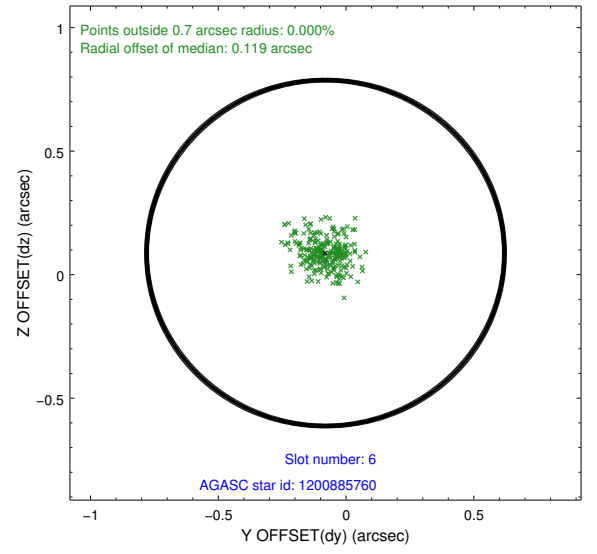
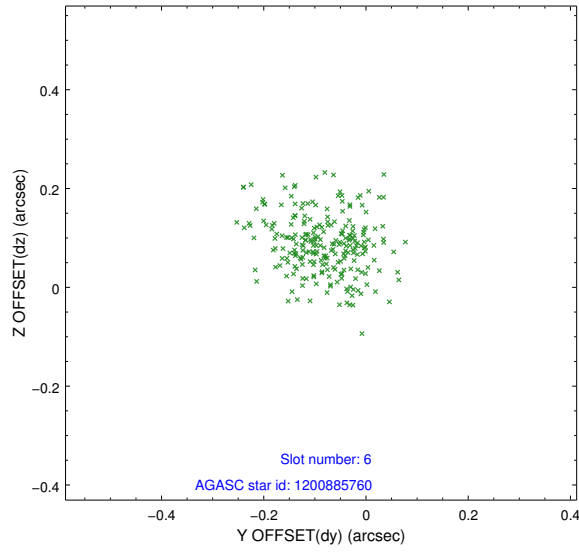
2.4.2 Slot 4



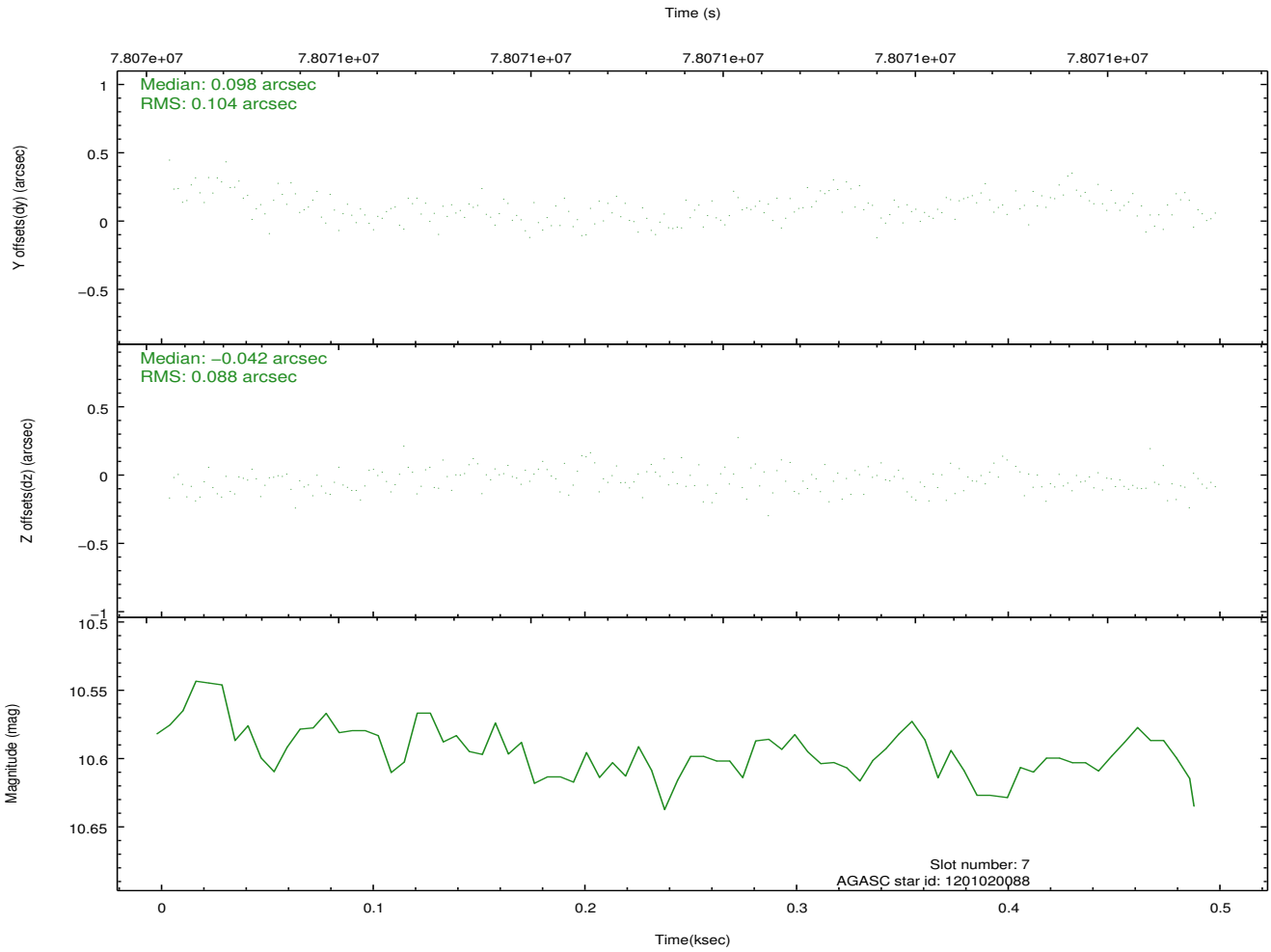
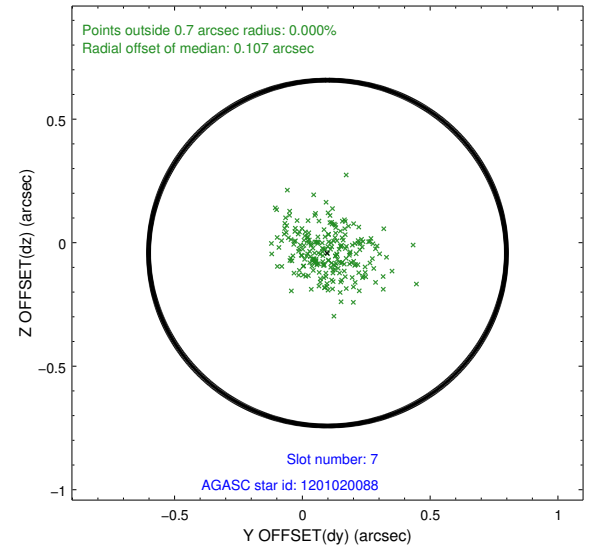
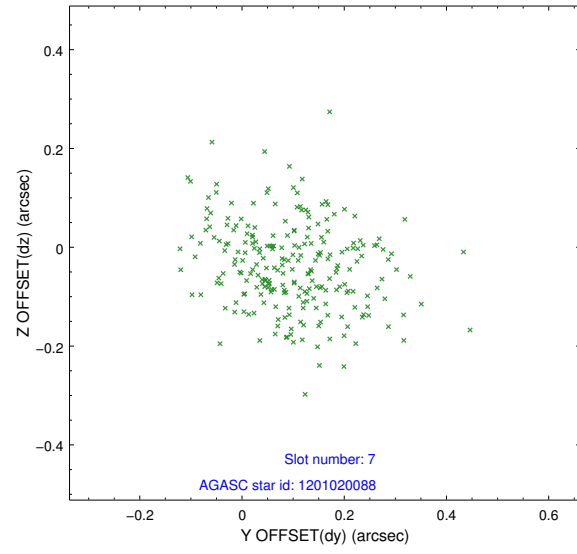
2.4.3 Slot 5



2.4.4 Slot 6

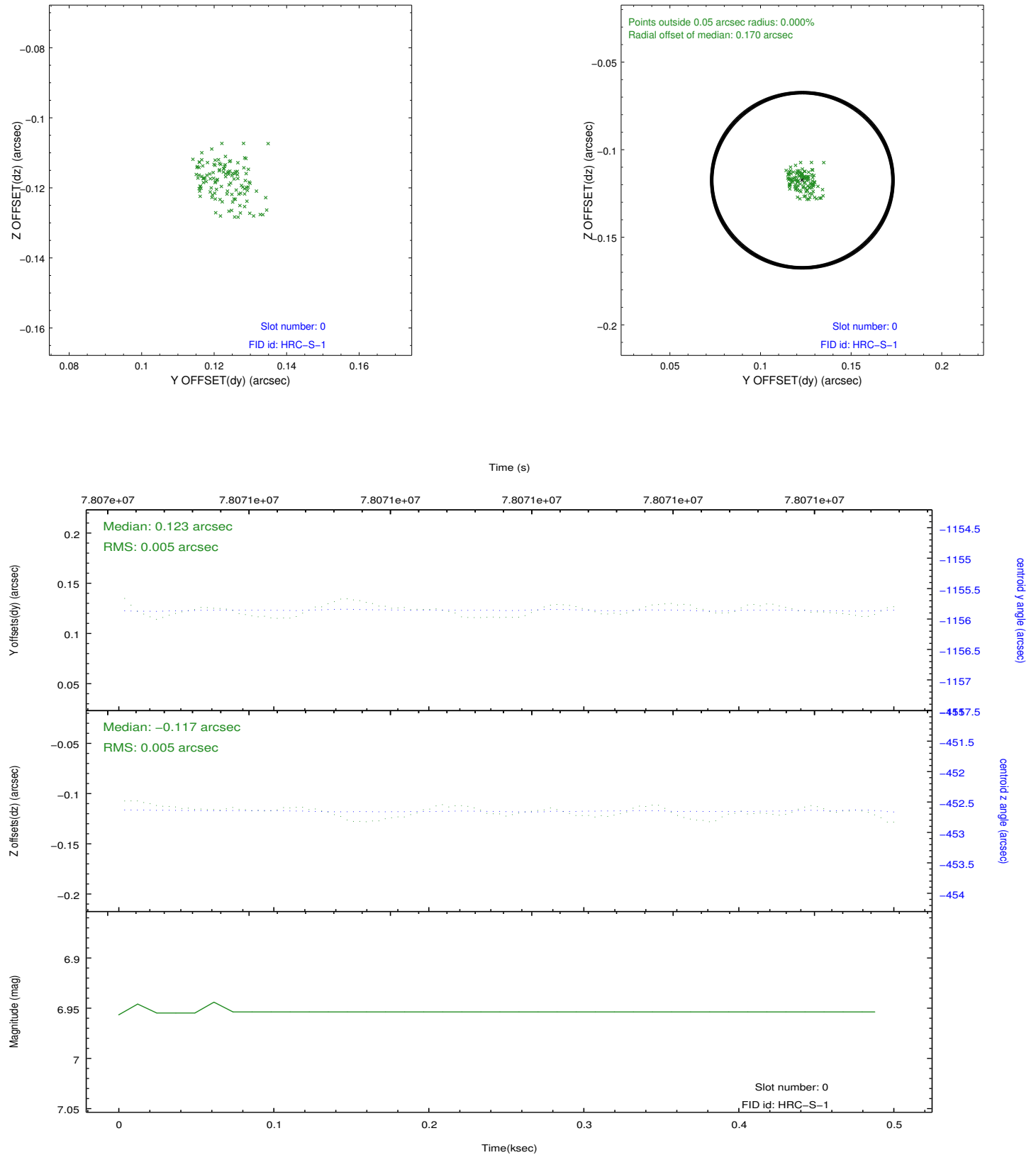


2.4.5 Slot 7

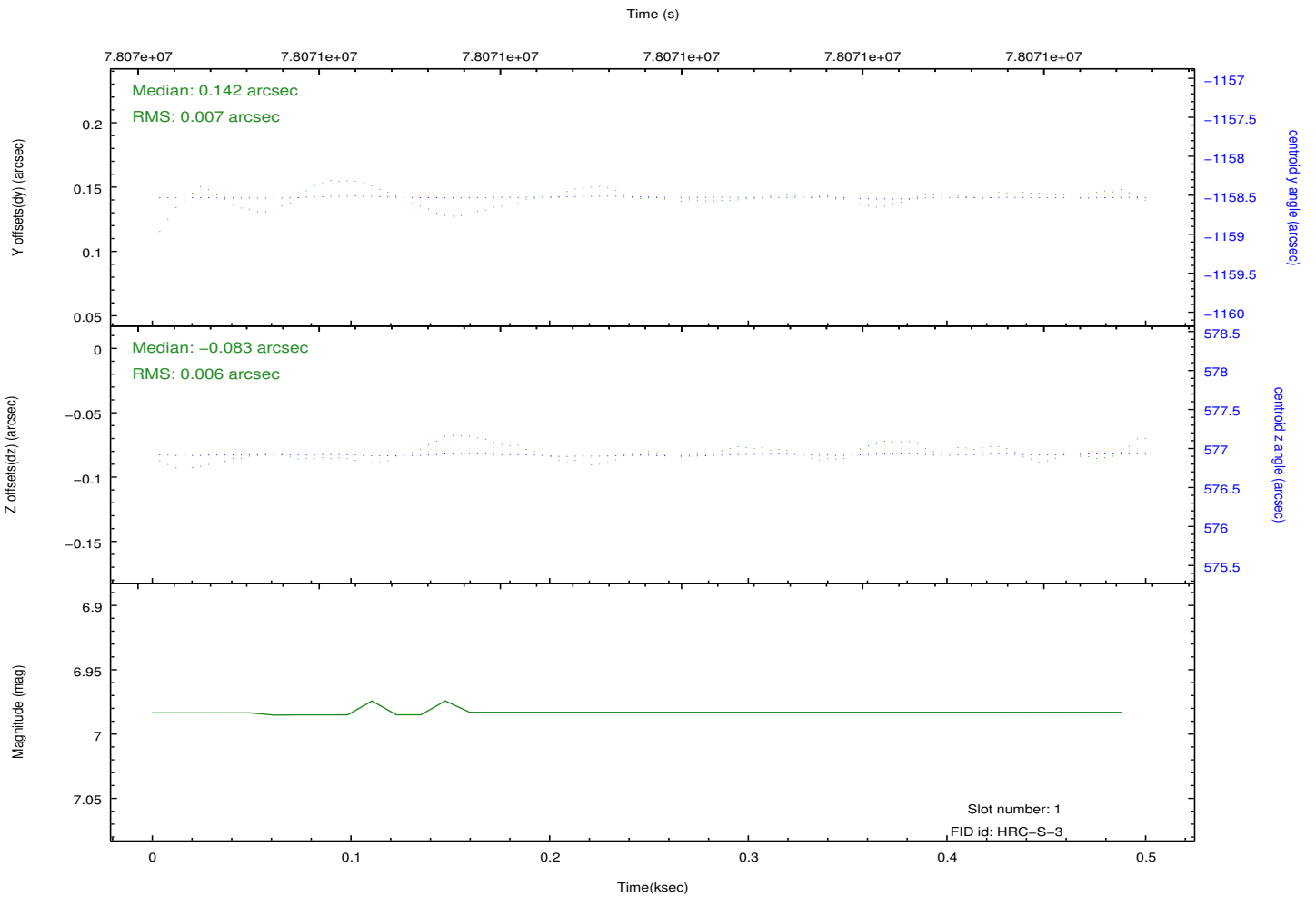
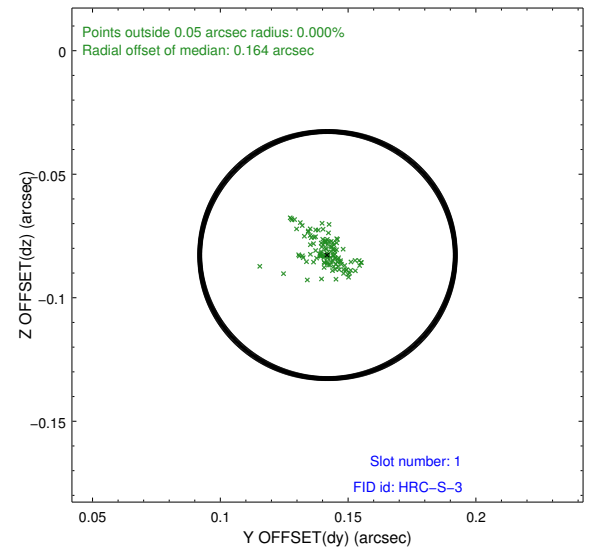
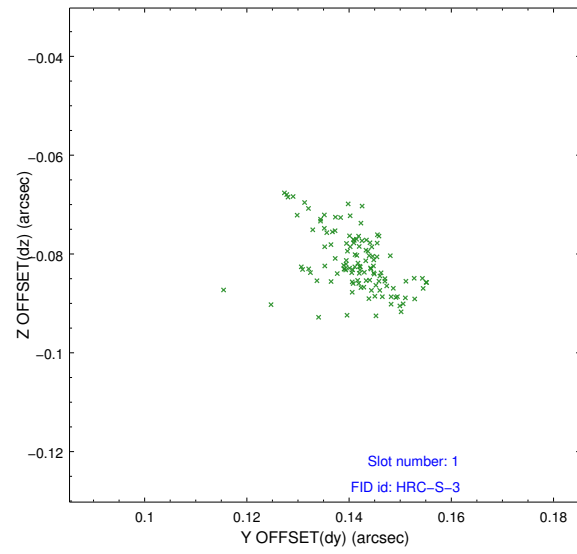


2.5 FID Slots

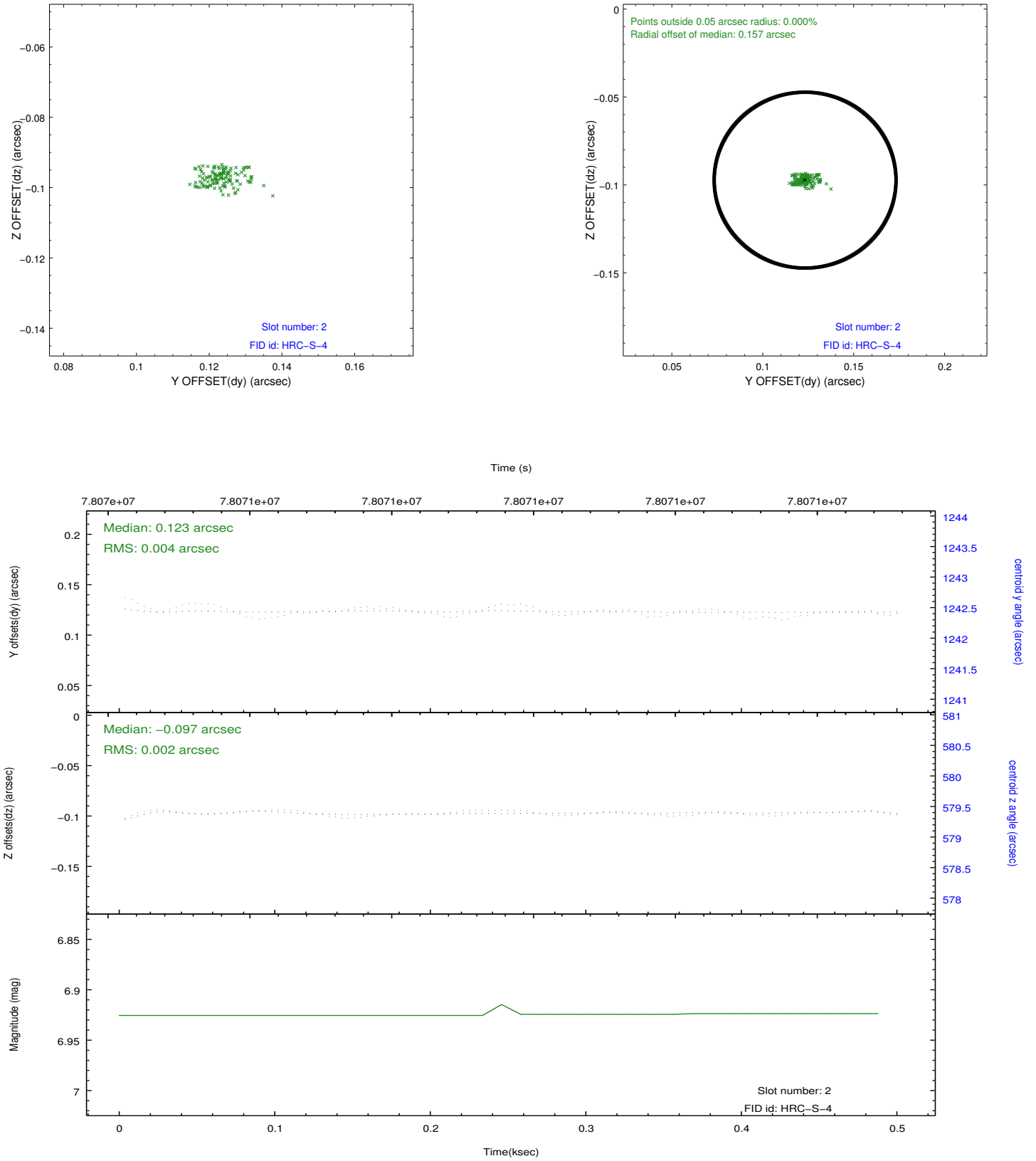
2.5.1 Slot 0



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	0.375

A.2 Comments