

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1813 - L2 Version 4
Chandra X-Ray Center

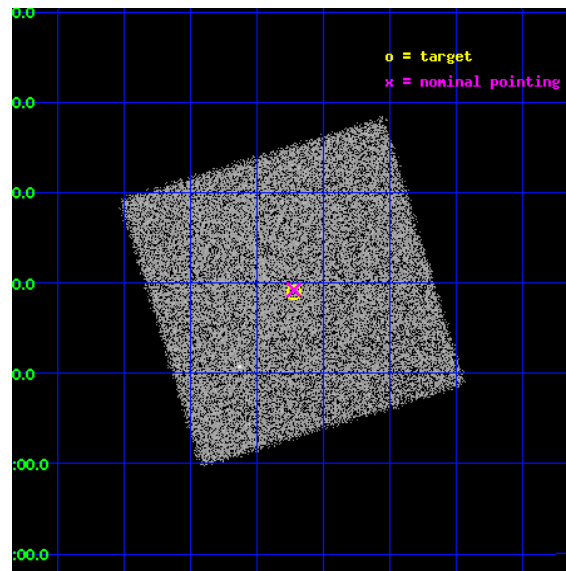
L2 Processing Date : Sep 20 2012

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

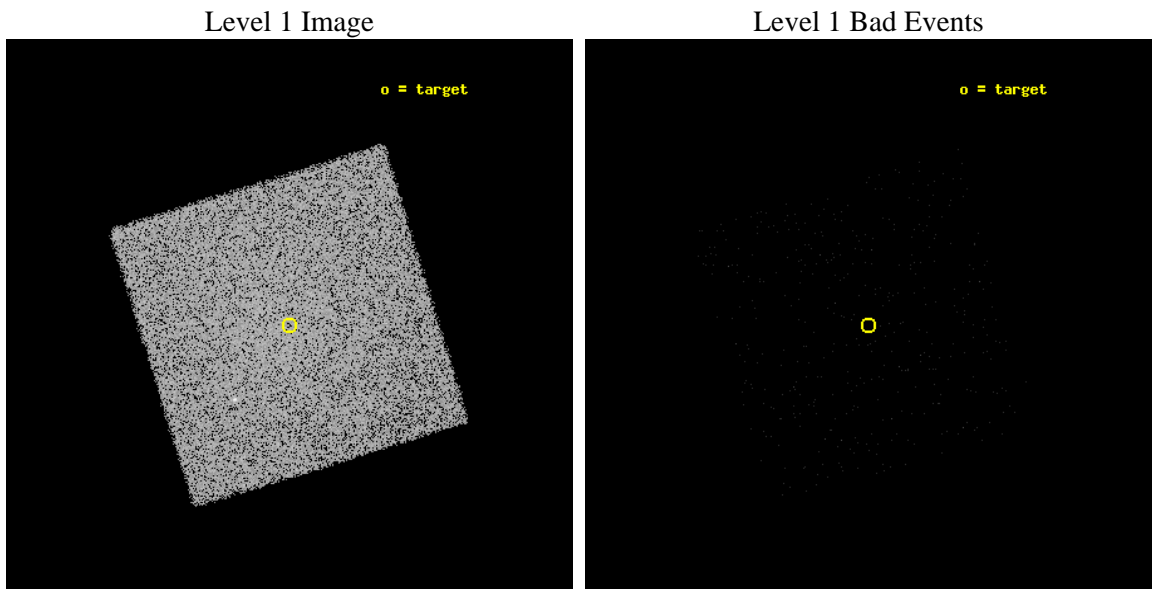
seq_num	100009	Sequence number
obs_id	1813	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	349.930625	Observer's specified target RA [deg]
dec_targ	7.317057	Observer's specified target Dec [deg]
ra_nom	349.93041502141	Nominal RA [deg]
dec_nom	7.3209529083286	Nominal Dec [deg]
roll_nom	117.7731694372	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2352.6313420385	[s]
livetime	2340.5134233153	Ontime multiplied by DTCOR
l2events	61827	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	2150.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2352.6313420385	[s]
caldbver	4.5.1.1	 	l1events	104624	Number of level 1 events
date	2012-09-20T12:42:19	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

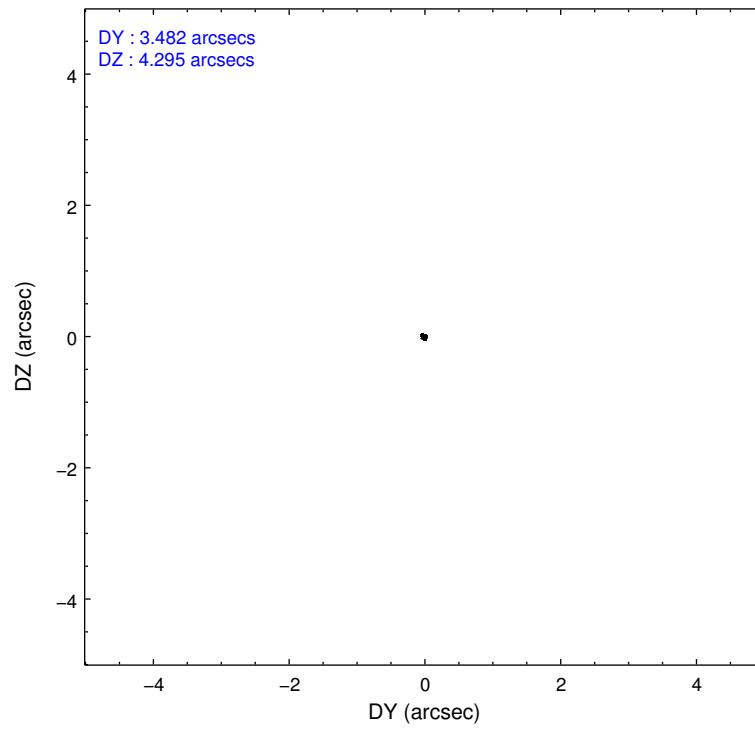
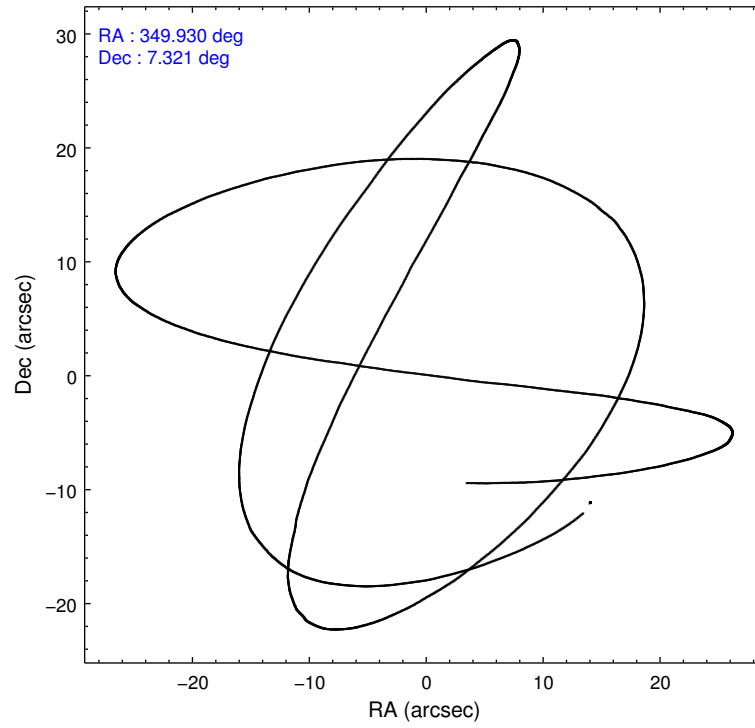
Level 1 Events

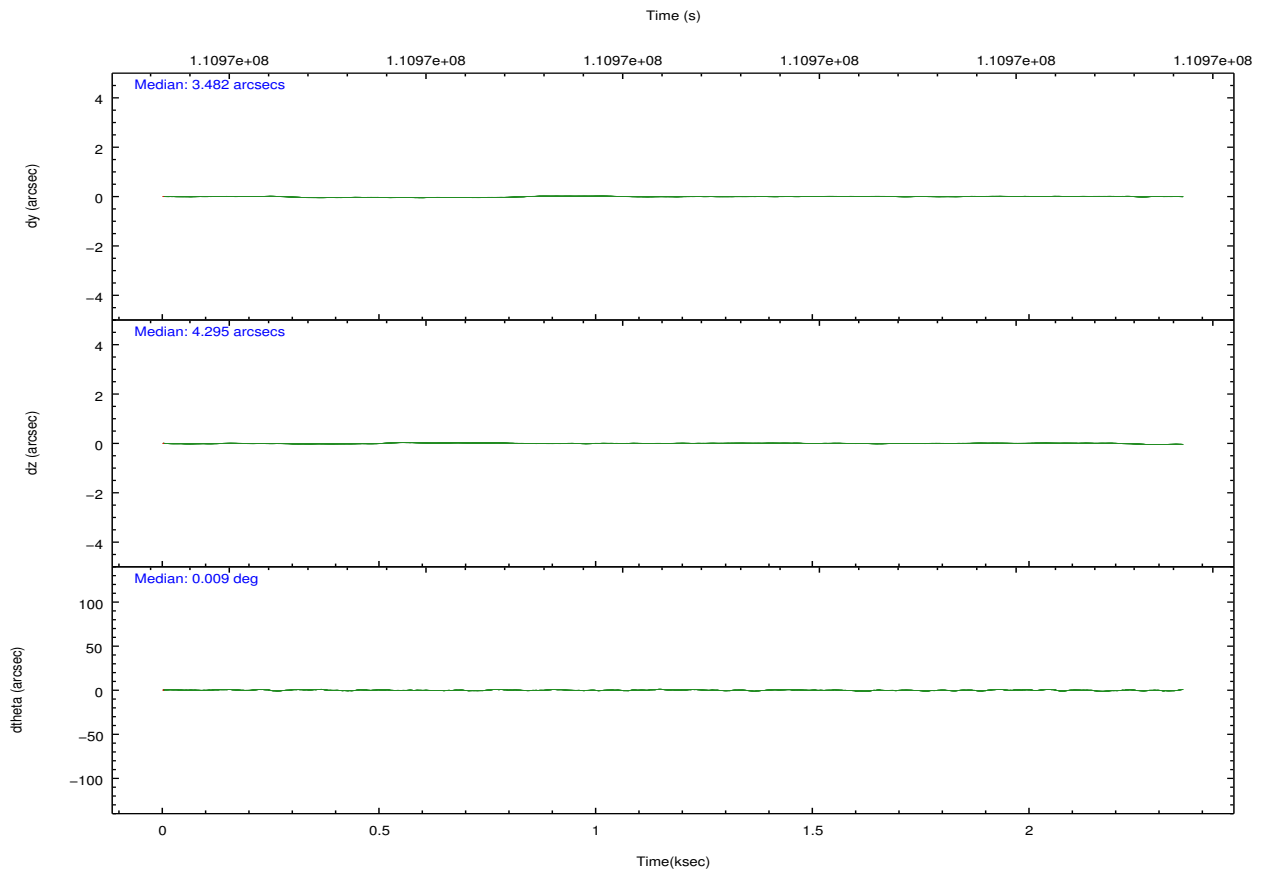
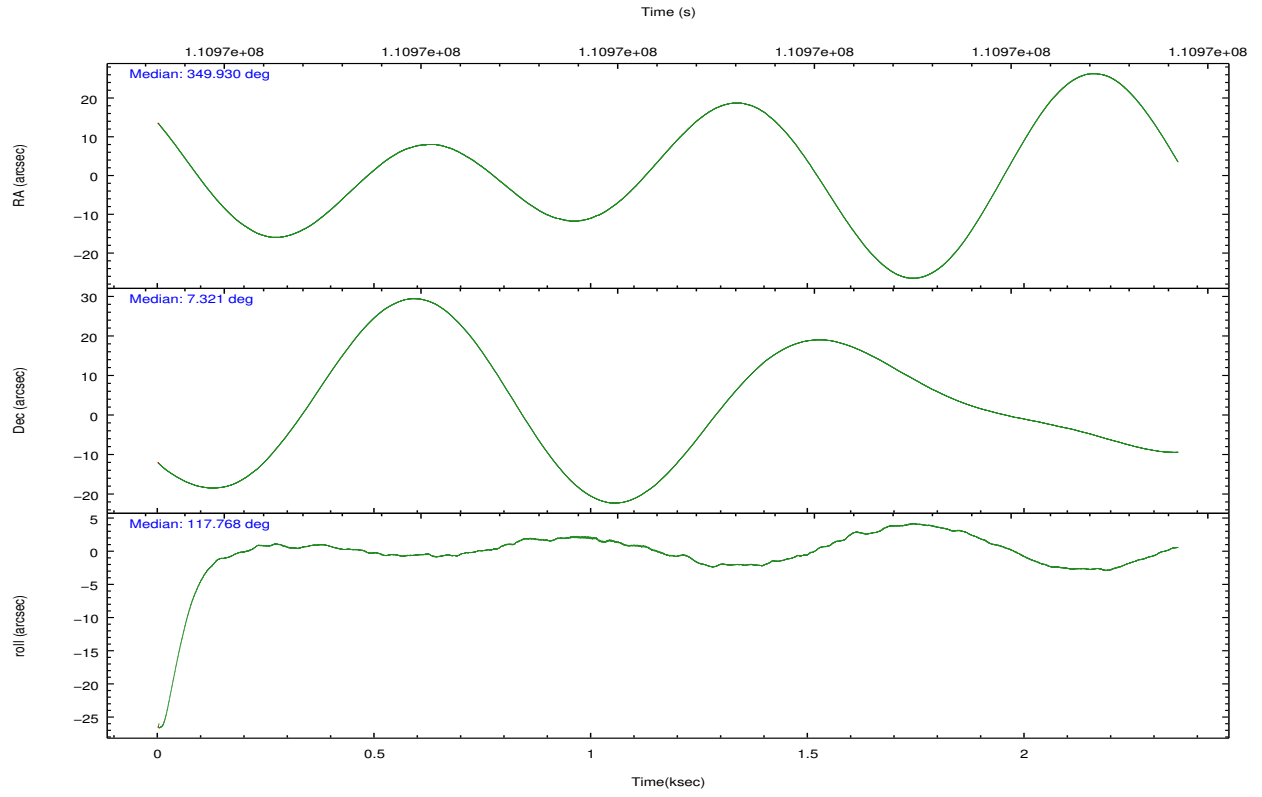
	segment 0
level 1 events	104624
rejected events	13053
rejected %	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	349.953695	349.9304150214095			
[deg] Pointing Dec	7.307287	7.320952908328642			
[deg] Pointing Roll	117.865794	117.7731694371979			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	110971157.184000	110970781.23161			
Observation start date	2001-07-08T09:18:13	2001-07-08T09:13:01			
[s] Observation end time (MET)	110973307.184000	110973474.41921			
Observation end date	2001-07-08T09:54:03	2001-07-08T09:57:54			

2.3 Aspect



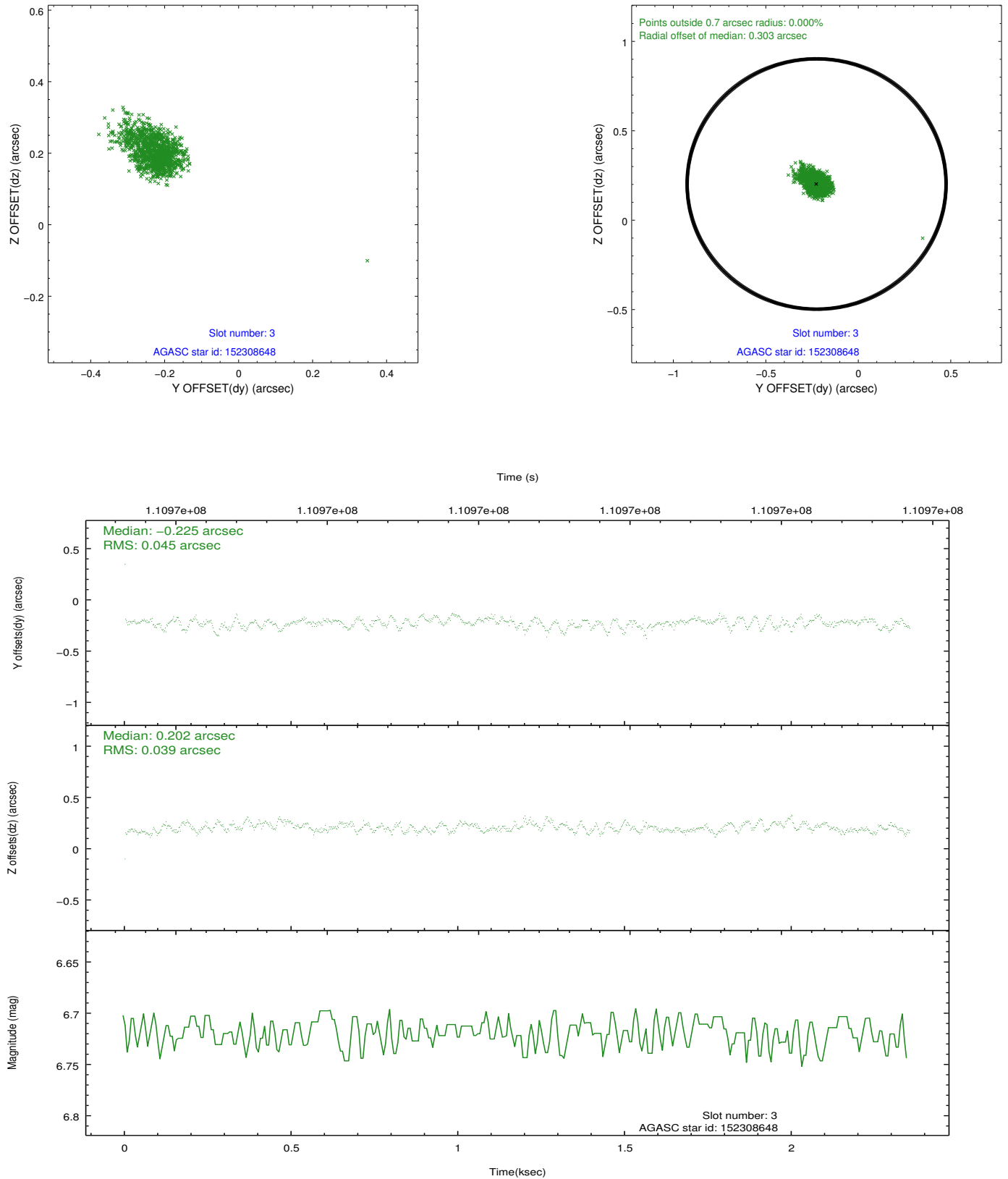


Slot Statistics

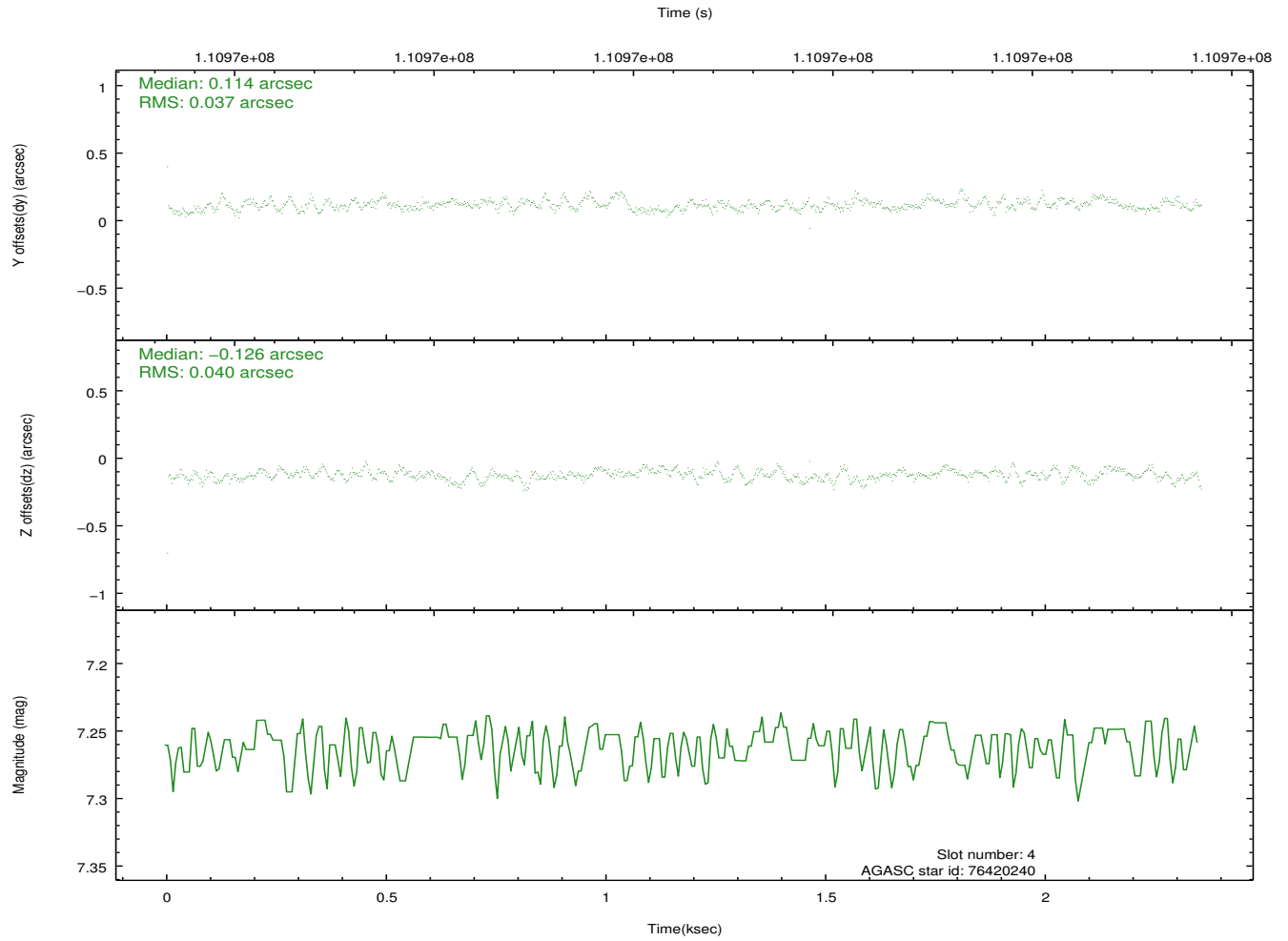
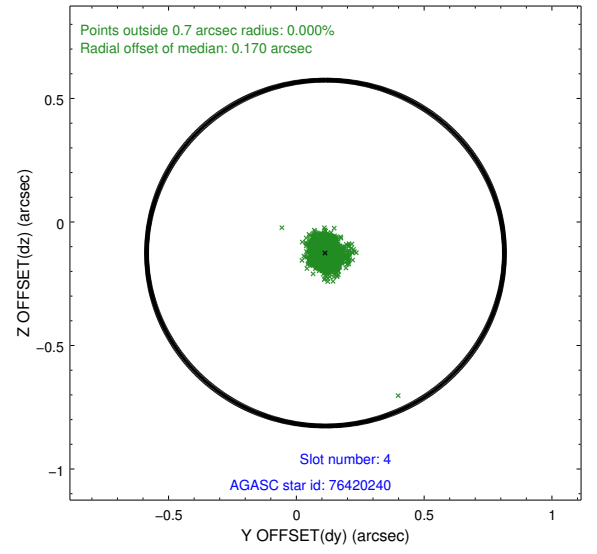
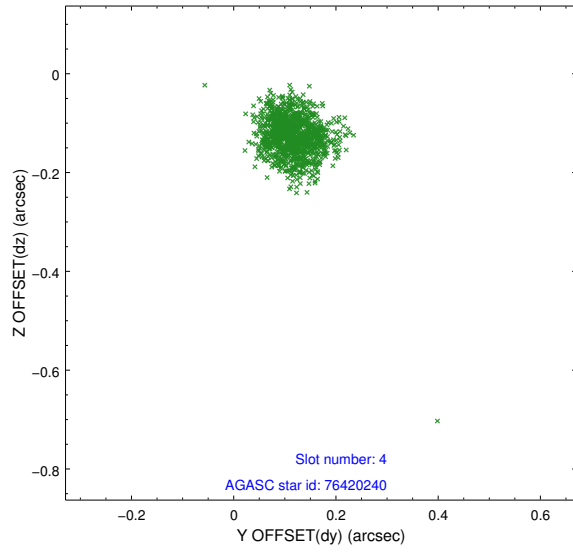
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	575	0.059	0.068	0.006	0.011	0.000000	0.000000	-758.93	-1291.98
1	FID	HRC-I-3	7.08	575	0.006	-0.090	0.007	0.012	0.000000	0.000000	-1188.75	1010.18
2	FID	HRC-I-4	7.01	575	0.048	-0.068	0.006	0.012	0.000000	0.000000	1281.82	1011.78
3	GUIDE	152308648	6.72	1149	-0.225	0.202	0.059	0.099	349.950276	7.982087	2154.11	-1124.32
4	GUIDE	76420240	7.26	1149	0.114	-0.126	0.056	0.088	349.834746	7.214951	-92.43	529.64
5	GUIDE	152181256	7.78	1149	-0.167	-0.257	0.053	0.087	349.141958	7.580367	2225.91	2100.53
6	GUIDE	76546104	7.92	1149	0.055	0.303	0.062	0.099	350.637569	7.487255	-563.35	-2459.63
7	GUIDE	76551232	8.01	1148	0.227	-0.125	0.058	0.091	350.076046	6.872411	-1587.64	342.70

2.4 Star Slots

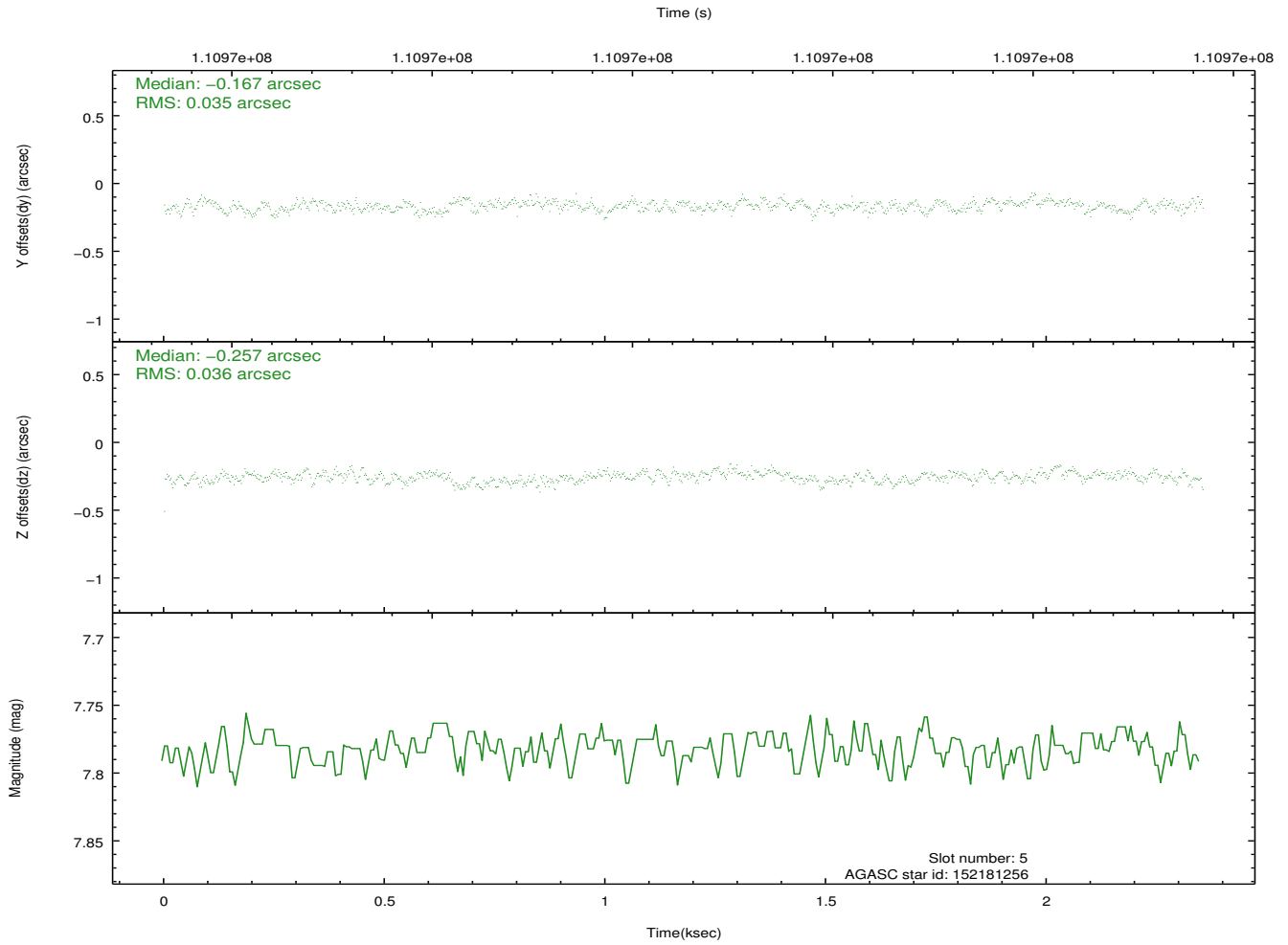
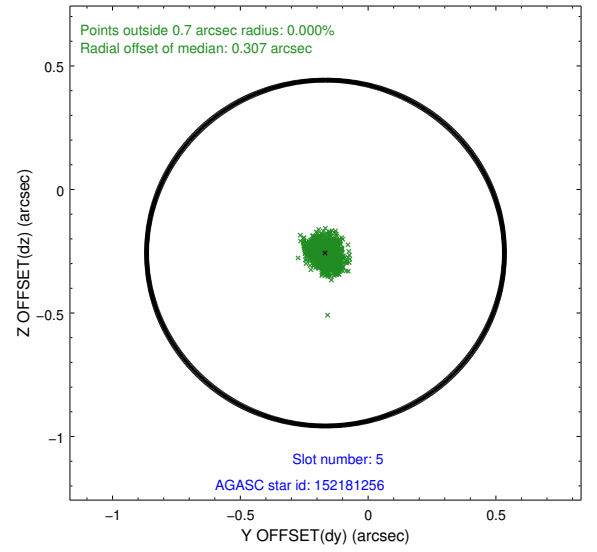
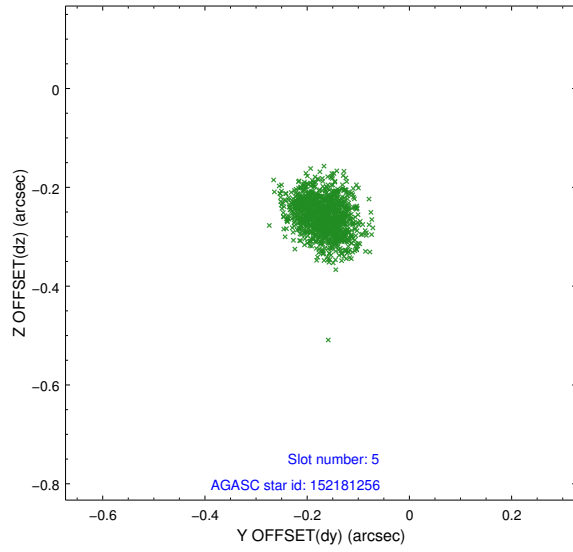
2.4.1 Slot 3



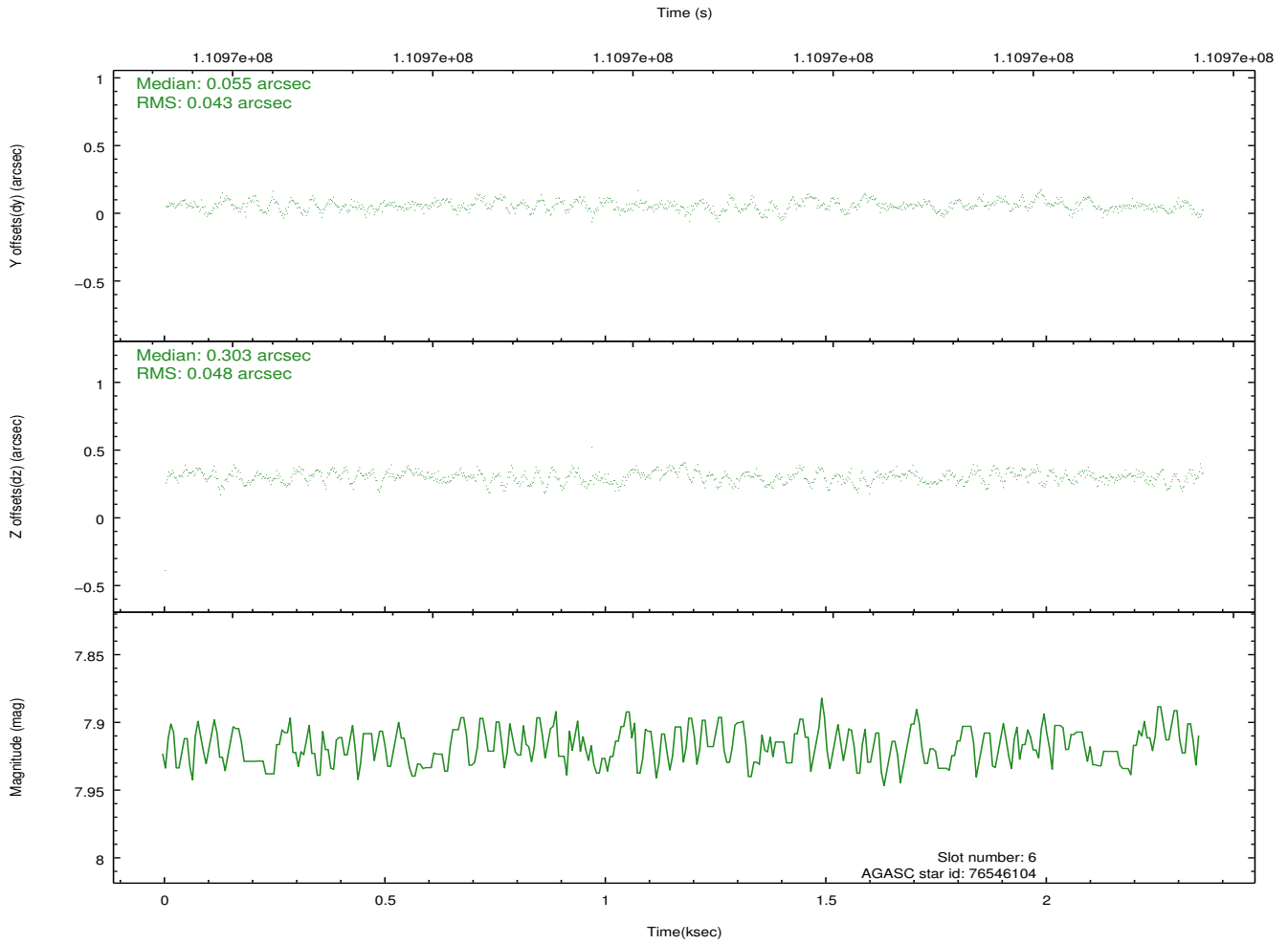
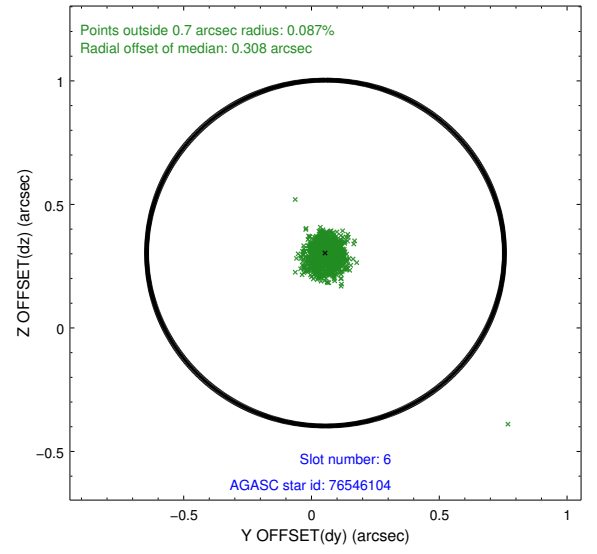
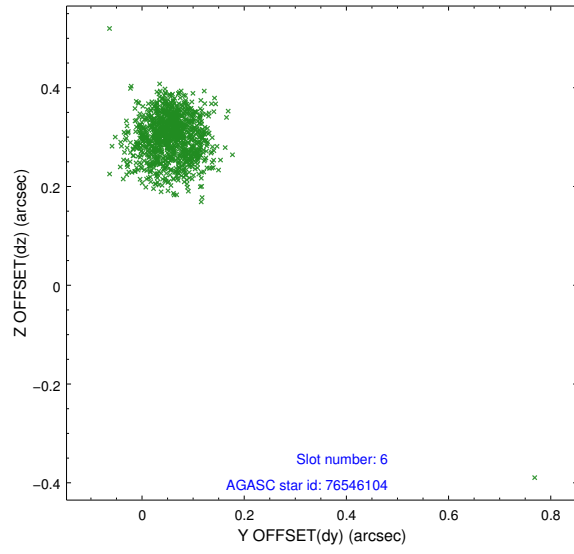
2.4.2 Slot 4



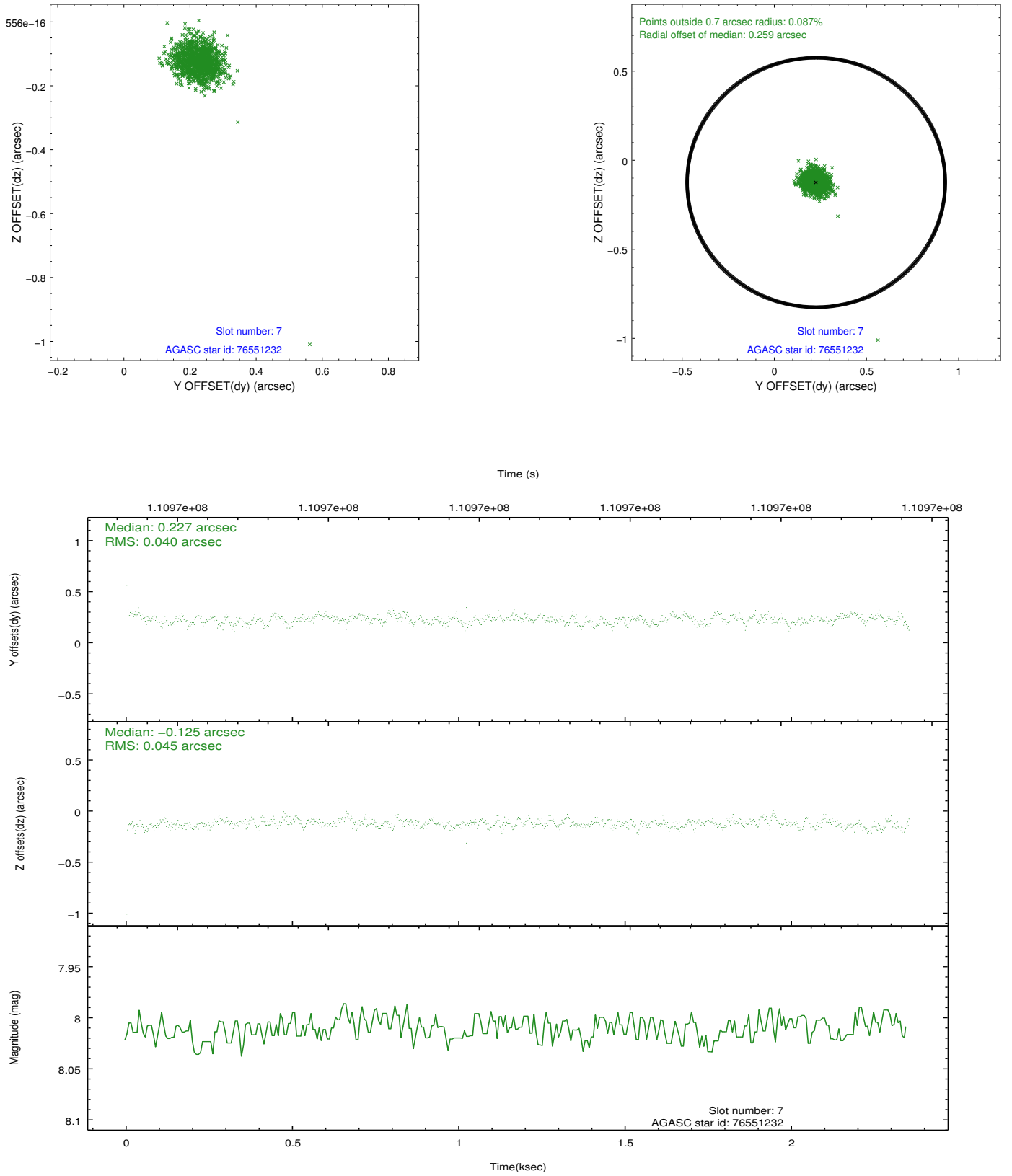
2.4.3 Slot 5



2.4.4 Slot 6

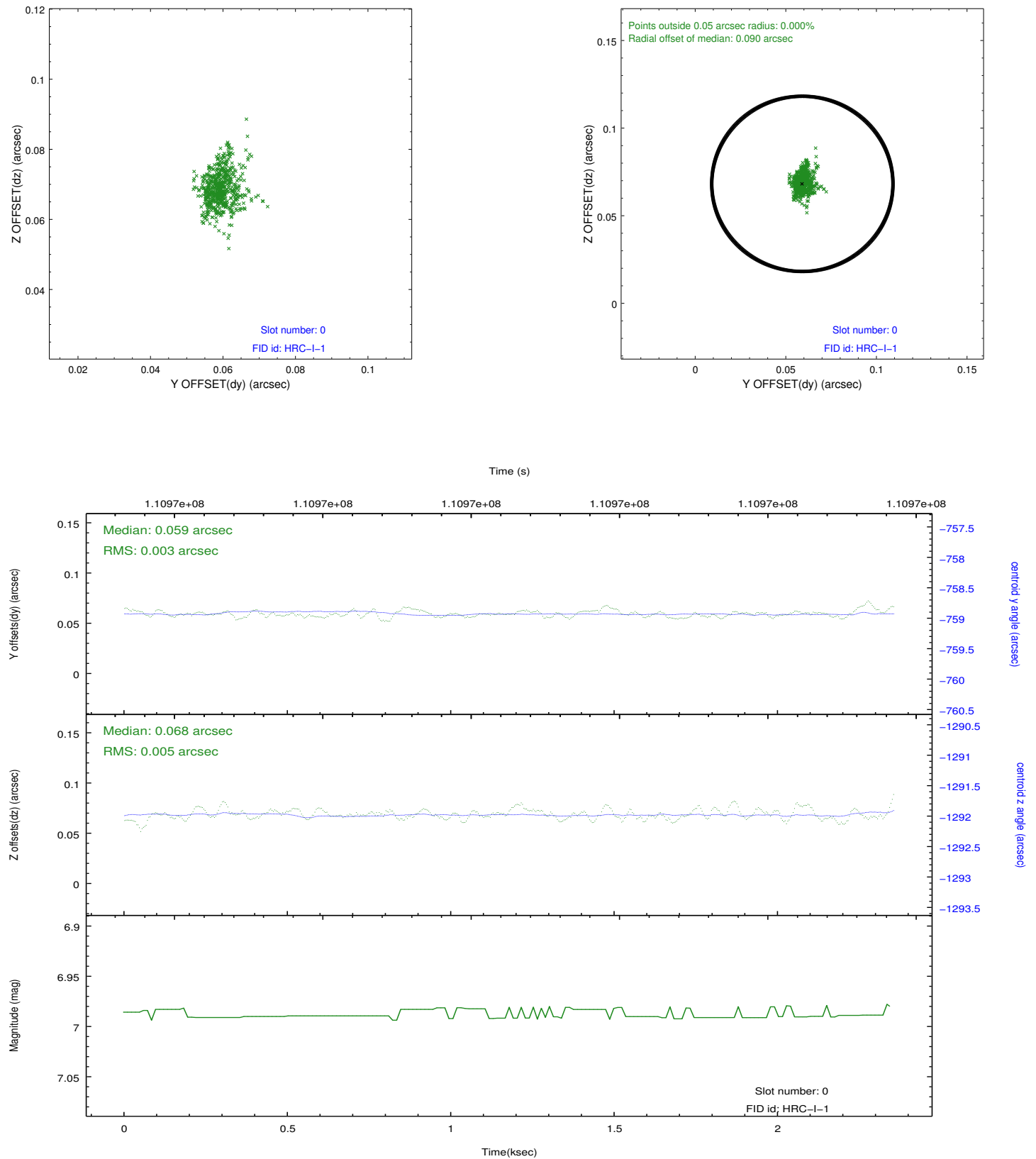


2.4.5 Slot 7

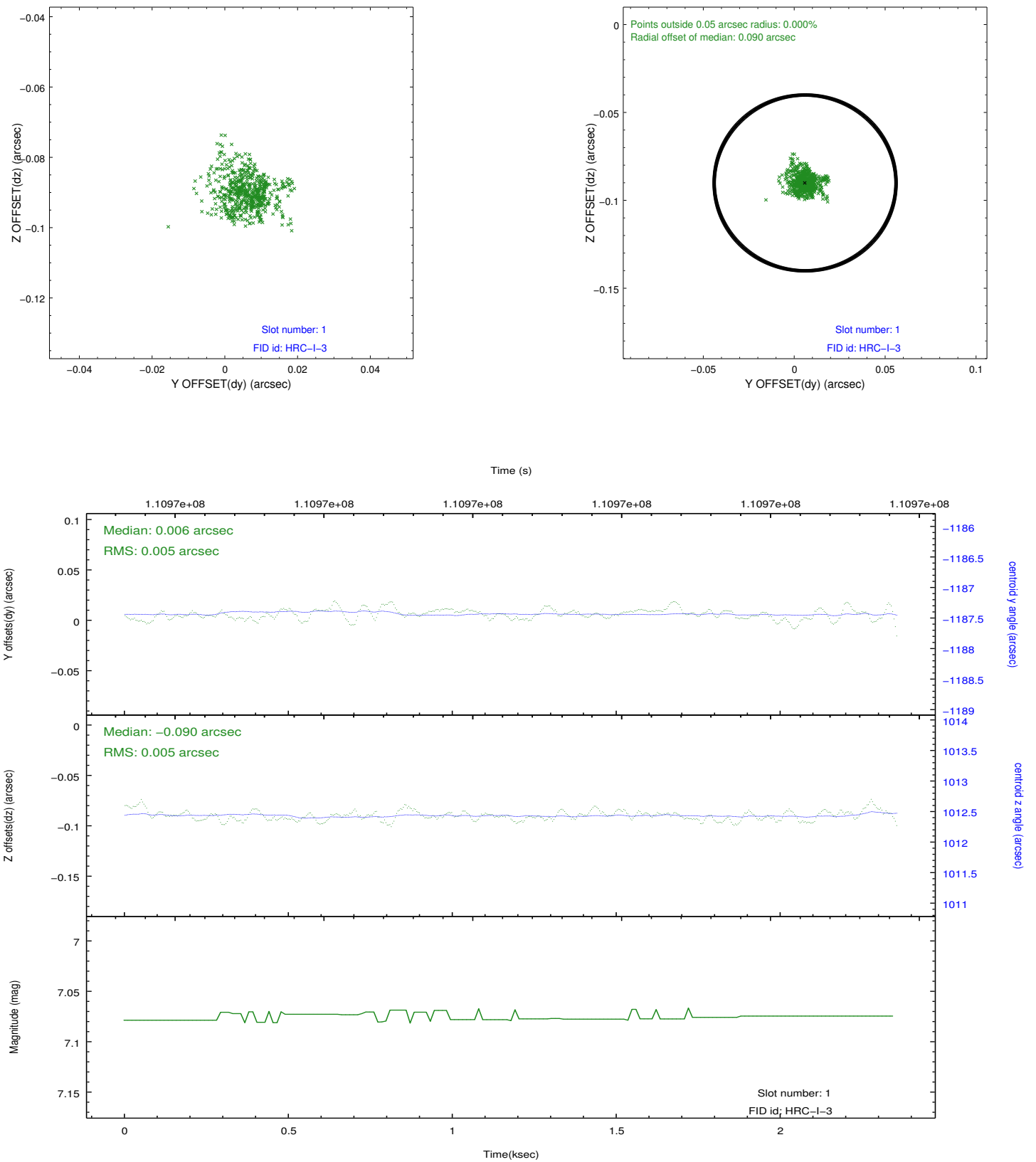


2.5 FID Slots

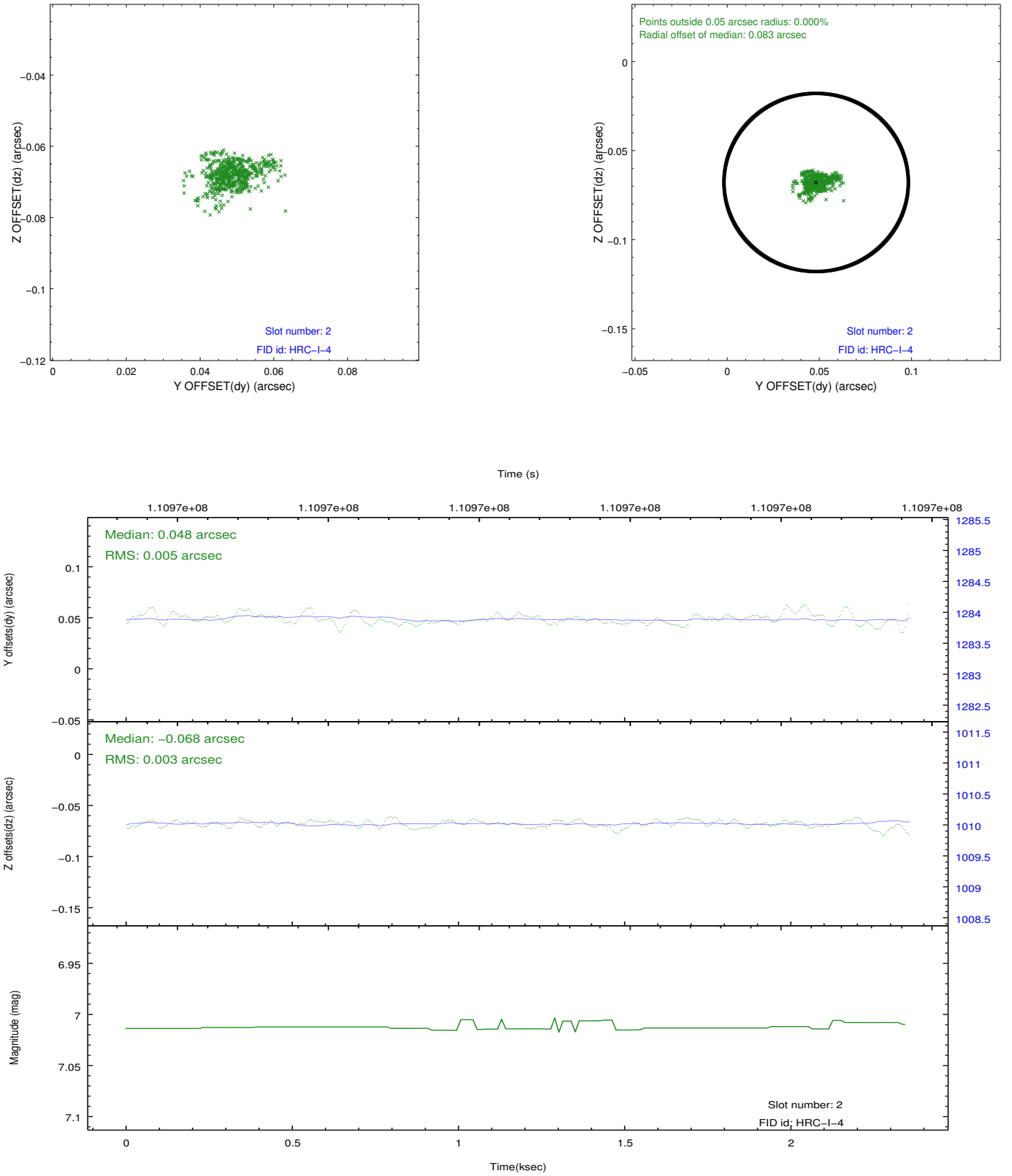
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.4

A.2 Comments

Charge time for this observation remains at previous value of 2.4 ksec.