

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1815 - L2 Version 4
Chandra X-Ray Center

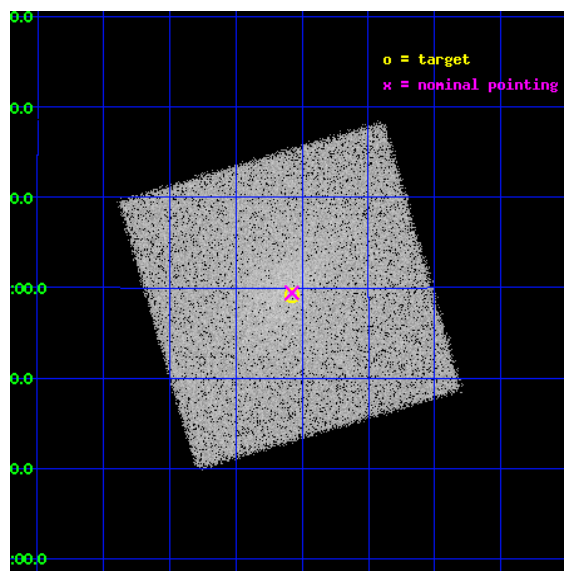
L2 Processing Date : Sep 20 2012

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1 Front

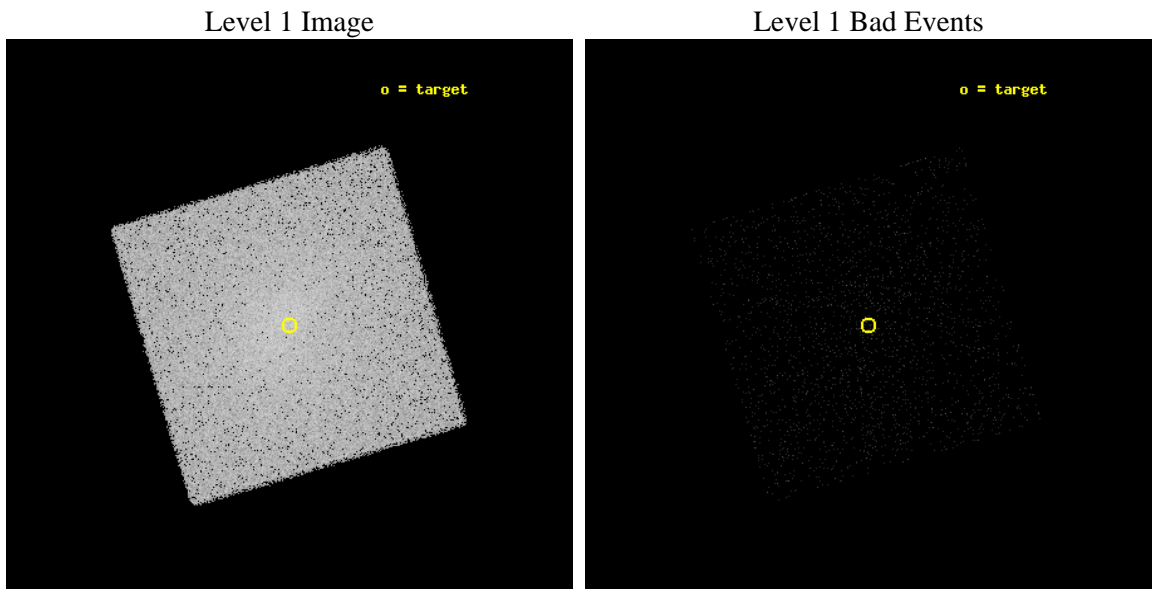
seq_num	100009	Sequence number
obs_id	1815	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	348.769652	Observer's specified target RA [deg]
dec_targ	7.986644	Observer's specified target Dec [deg]
ra_nom	348.76936174694	Nominal RA [deg]
dec_nom	7.9906973380395	Nominal Dec [deg]
roll_nom	118.51843863412	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2342.3813416362	[s]
livetime	2285.0131708319	Ontime multiplied by DTCOR
l2events	124442	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	2342.3813416362	[s]
caldbver	4.5.1.1	 	l1events	196407	Number of level 1 events
date	2012-09-20T13:00:16	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

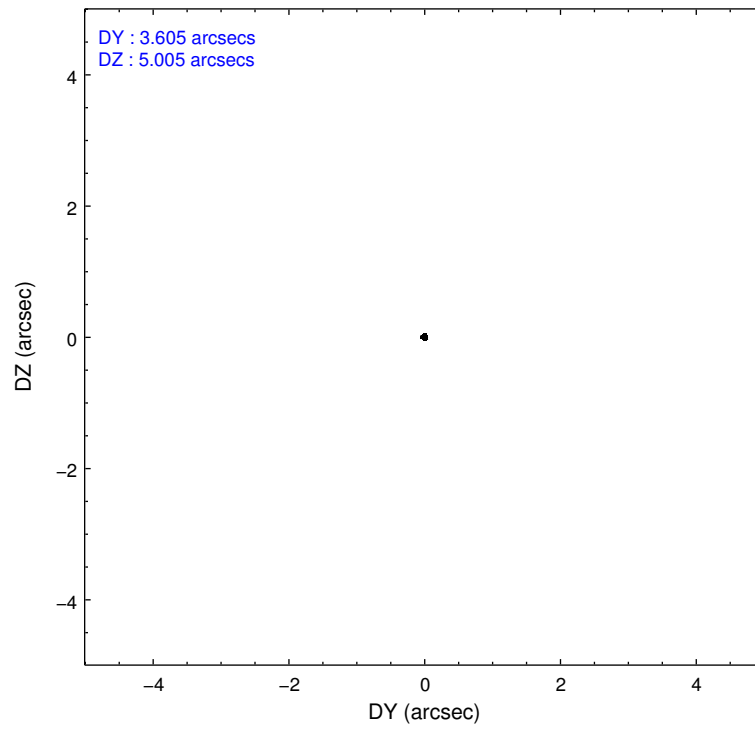
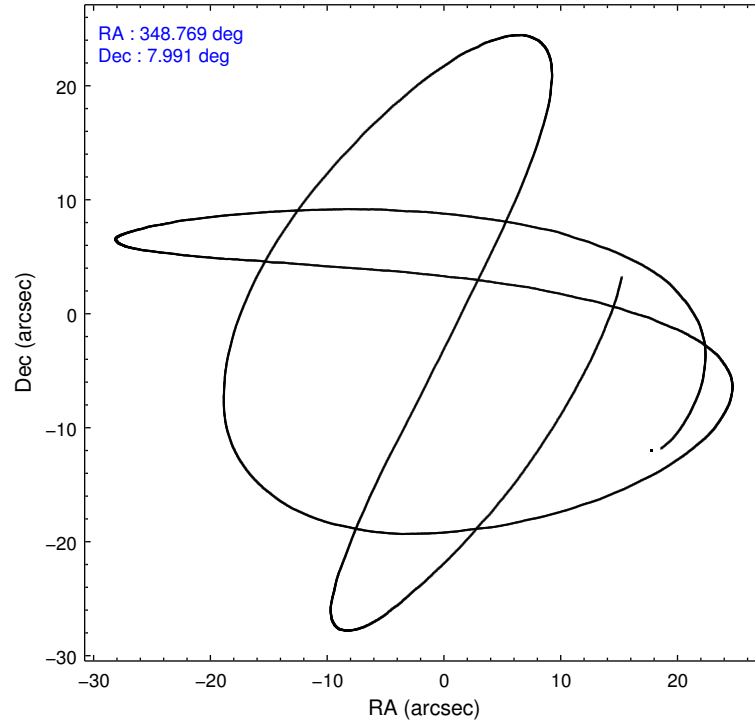
	segment 0
level 1 events	196407
rejected events	30073
rejected %	15%

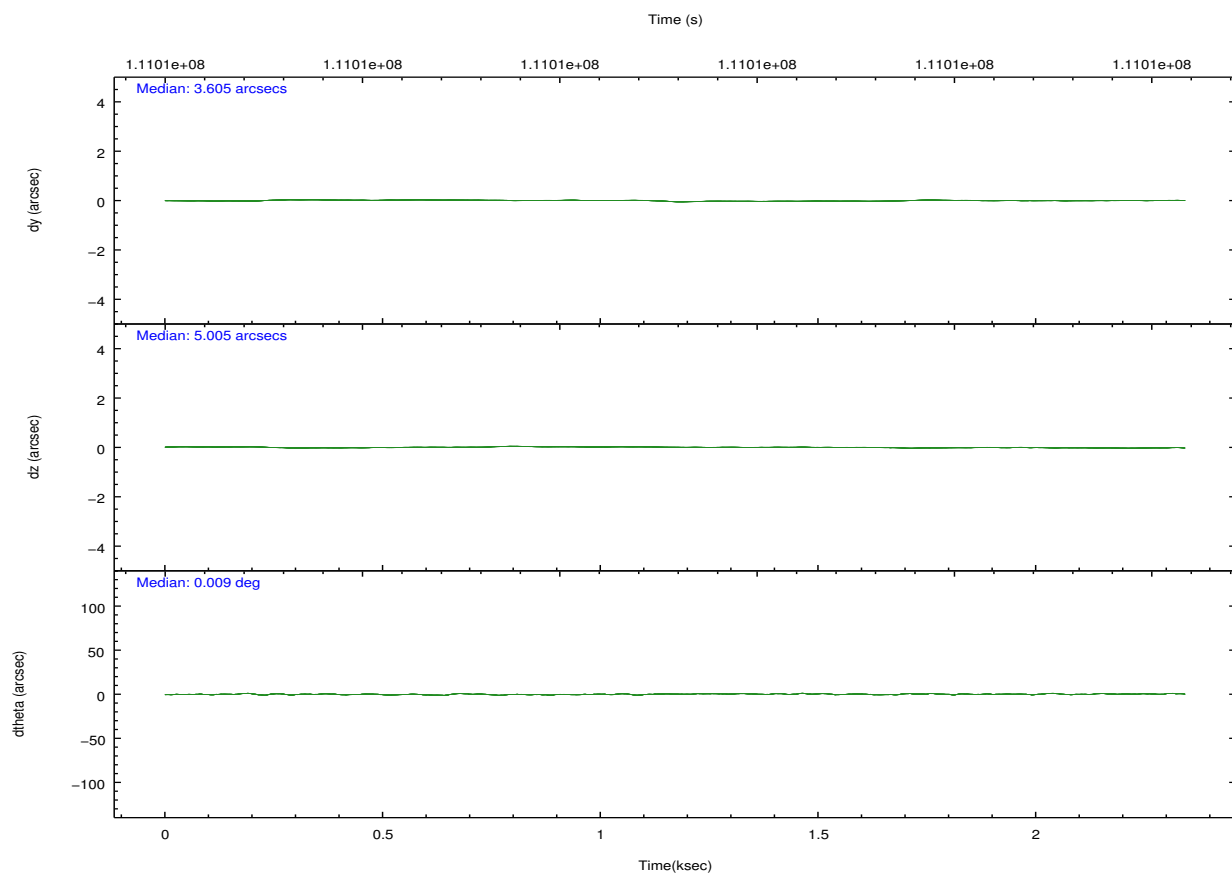
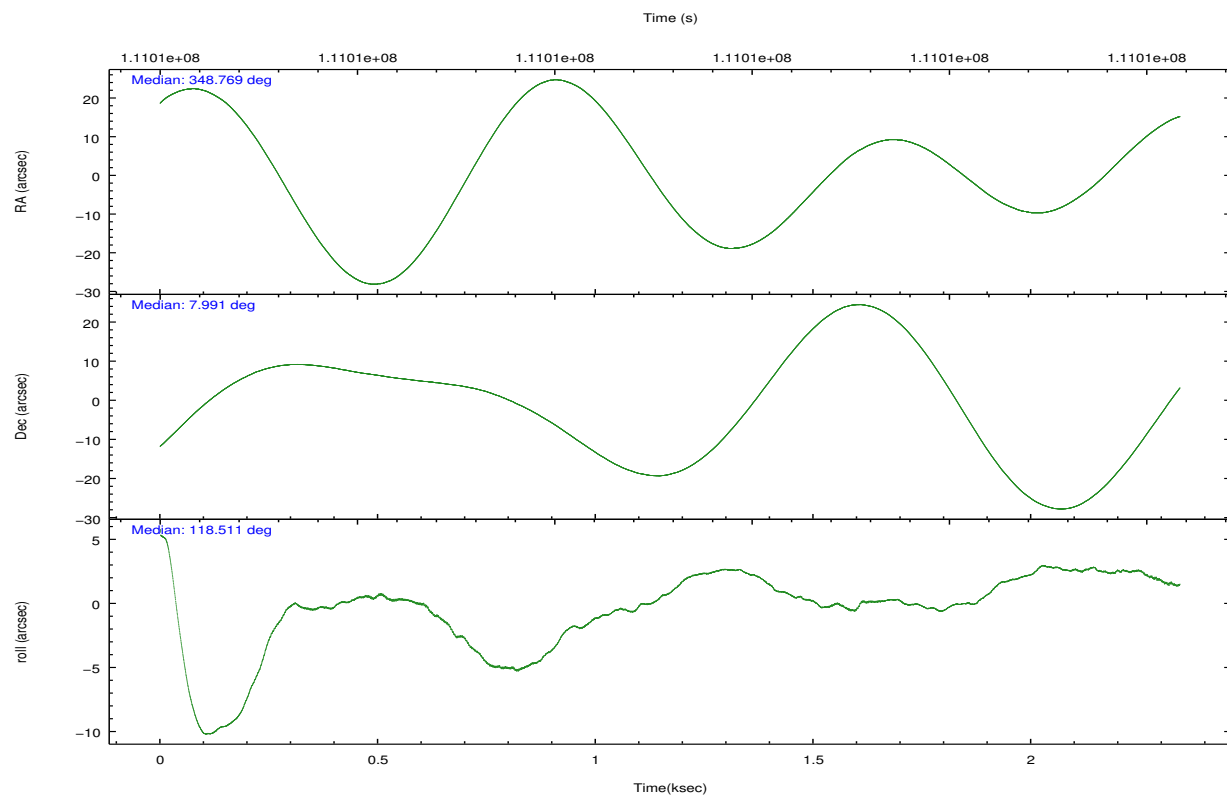
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	348.792892	348.7693617469412
[deg] Pointing Dec	7.977170	7.990697338039503
[deg] Pointing Roll	118.610647	118.5184386341235
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	111009312.184000	111008936.3456
Observation start date	2001-07-08T19:54:08	2001-07-08T19:48:56
[s] Observation end time (MET)	111011462.184000	111011596.7332
Observation end date	2001-07-08T20:29:58	2001-07-08T20:33:16

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

2.3 Aspect



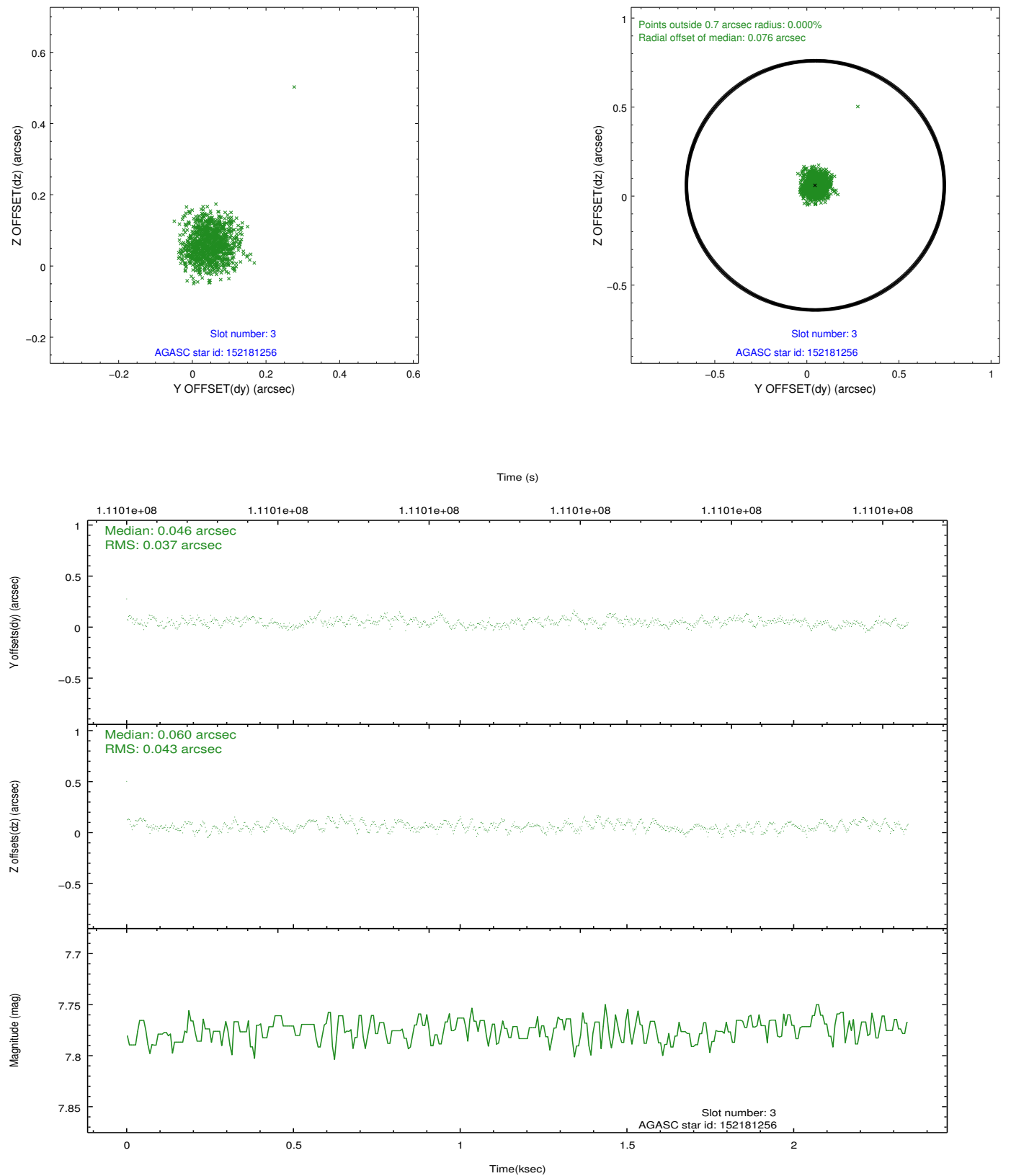


Slot Statistics

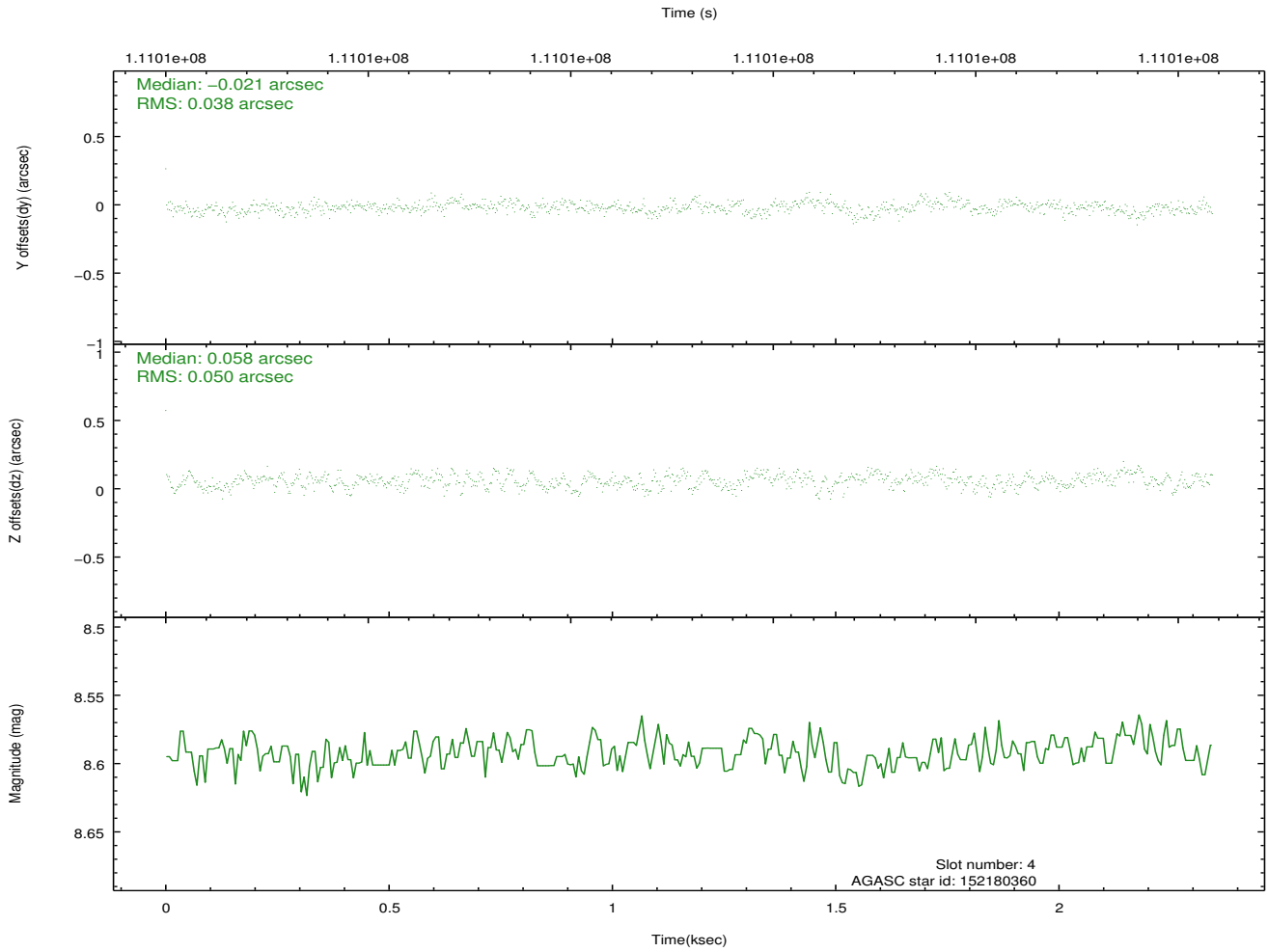
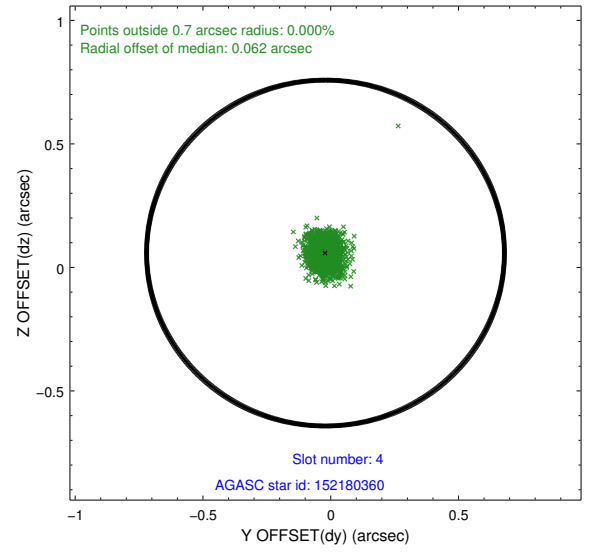
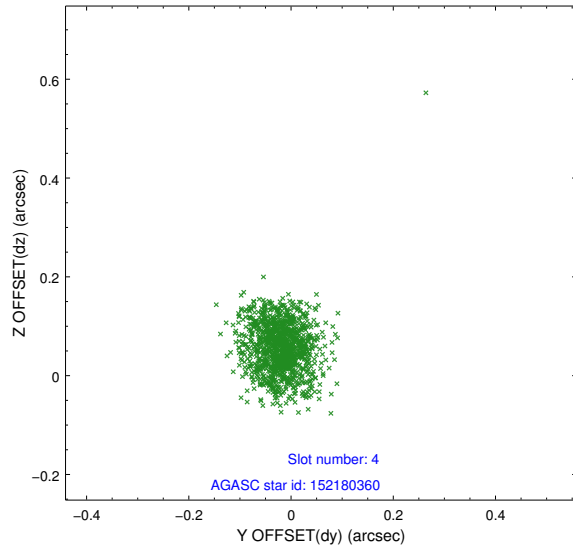
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	572	0.046	0.058	0.006	0.011	0.000000	0.000000	-759.05	-1292.79
1	FID	HRC-I-3	7.06	572	0.011	-0.094	0.007	0.012	0.000000	0.000000	-1188.90	1009.37
2	FID	HRC-I-4	7.00	572	0.057	-0.053	0.005	0.010	0.000000	0.000000	1281.68	1011.03
3	GUIDE	152181256	7.78	1144	0.046	0.060	0.060	0.094	349.141958	7.580367	-1850.01	-410.08
4	GUIDE	152180360	8.59	1144	-0.021	0.058	0.065	0.103	349.110181	8.037159	-353.13	-1097.00
5	GUIDE	152187192	8.91	1144	-0.024	0.228	0.090	0.144	349.378103	8.213055	-251.71	-2238.76
6	GUIDE	152188480	8.92	1144	-0.097	-0.105	0.067	0.109	348.517103	8.131940	959.68	593.91
7	GUIDE	76418312	9.12	1142	0.094	-0.233	0.096	0.159	348.593333	7.241033	-1984.44	1894.58

2.4 Star Slots

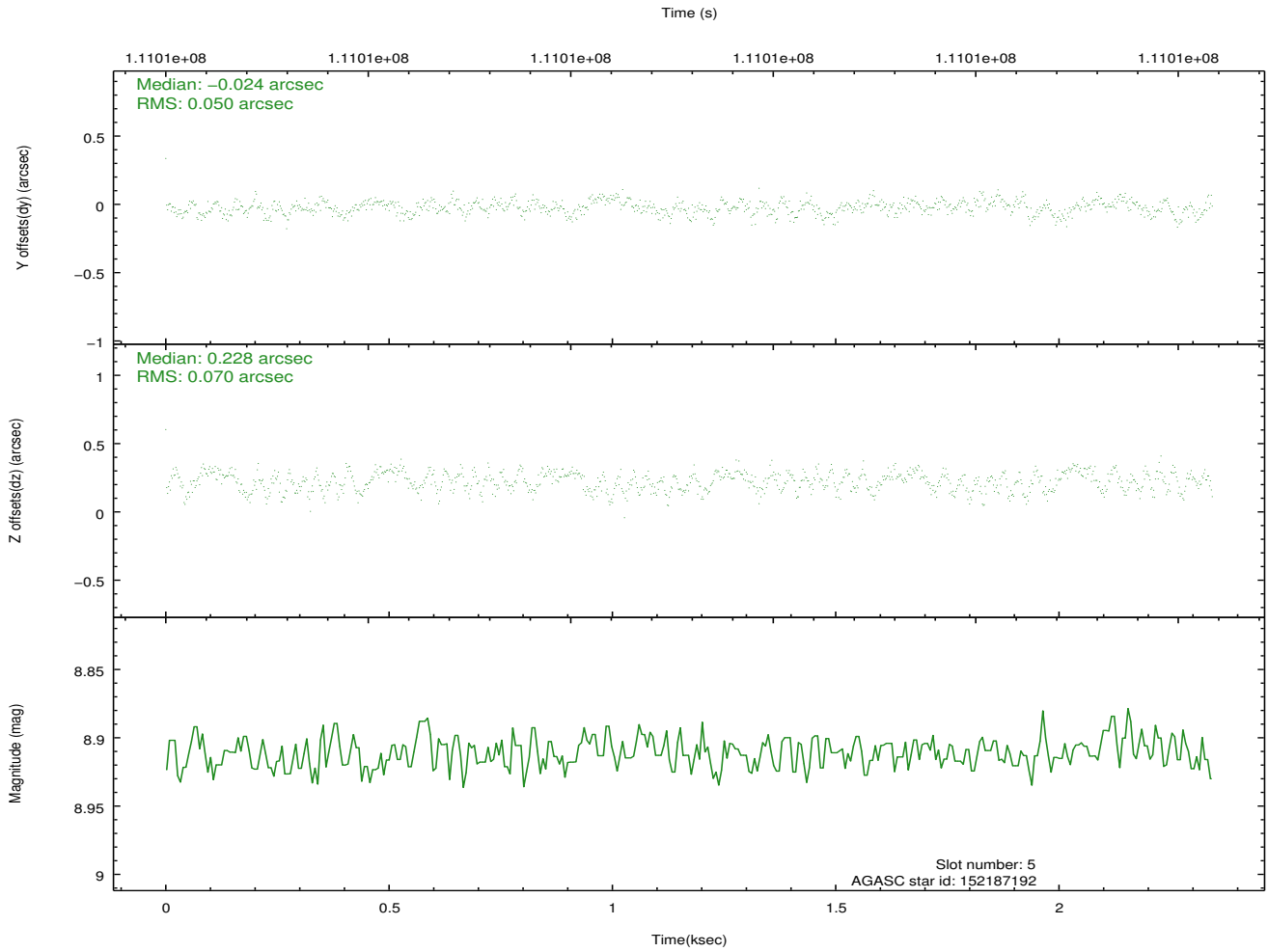
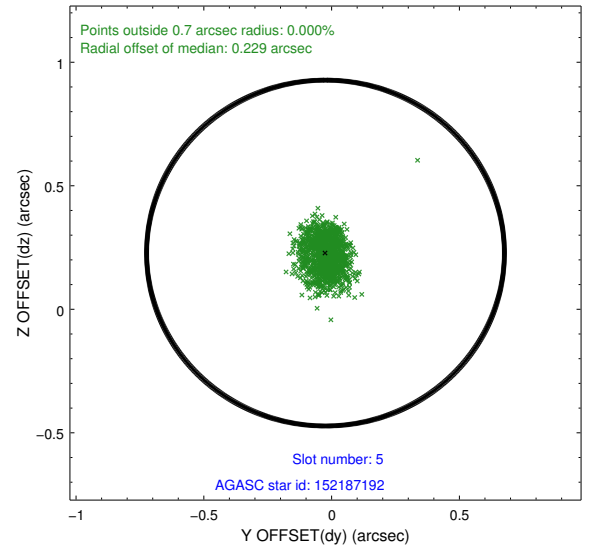
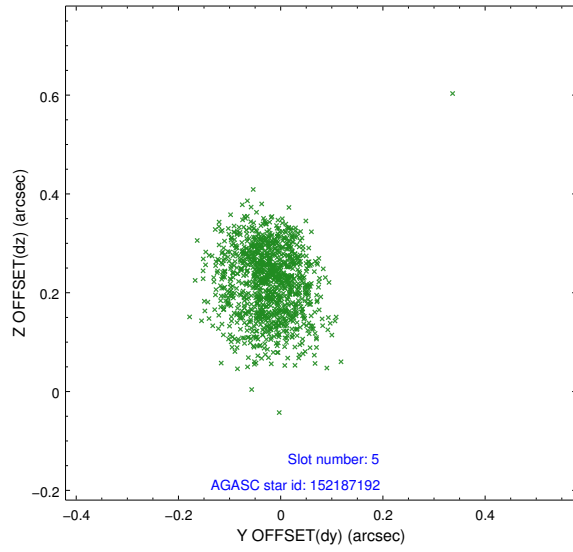
2.4.1 Slot 3



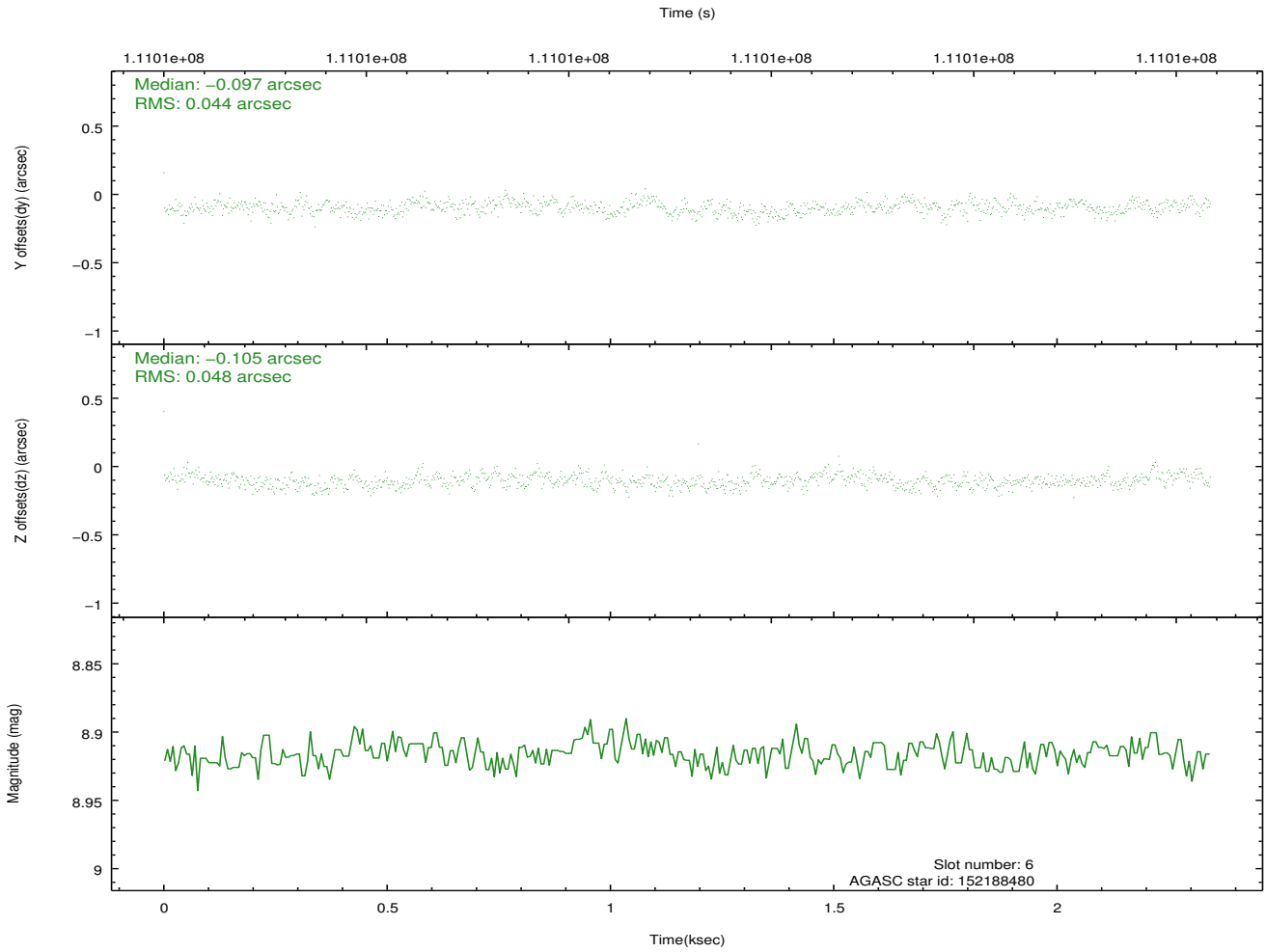
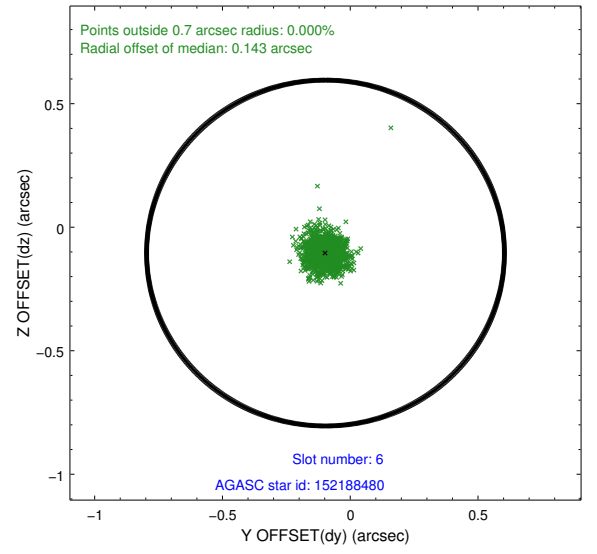
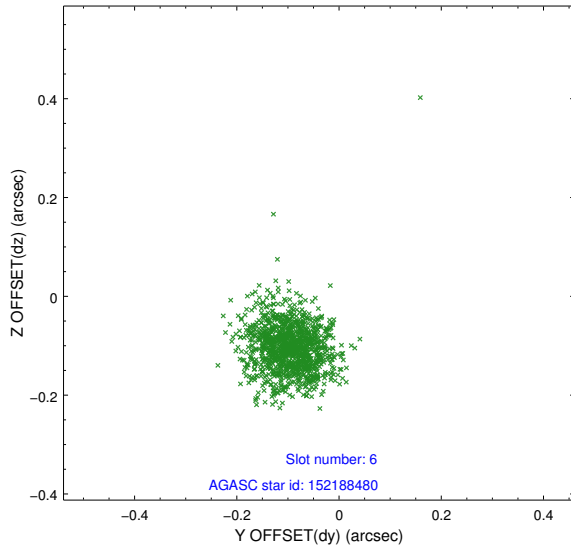
2.4.2 Slot 4



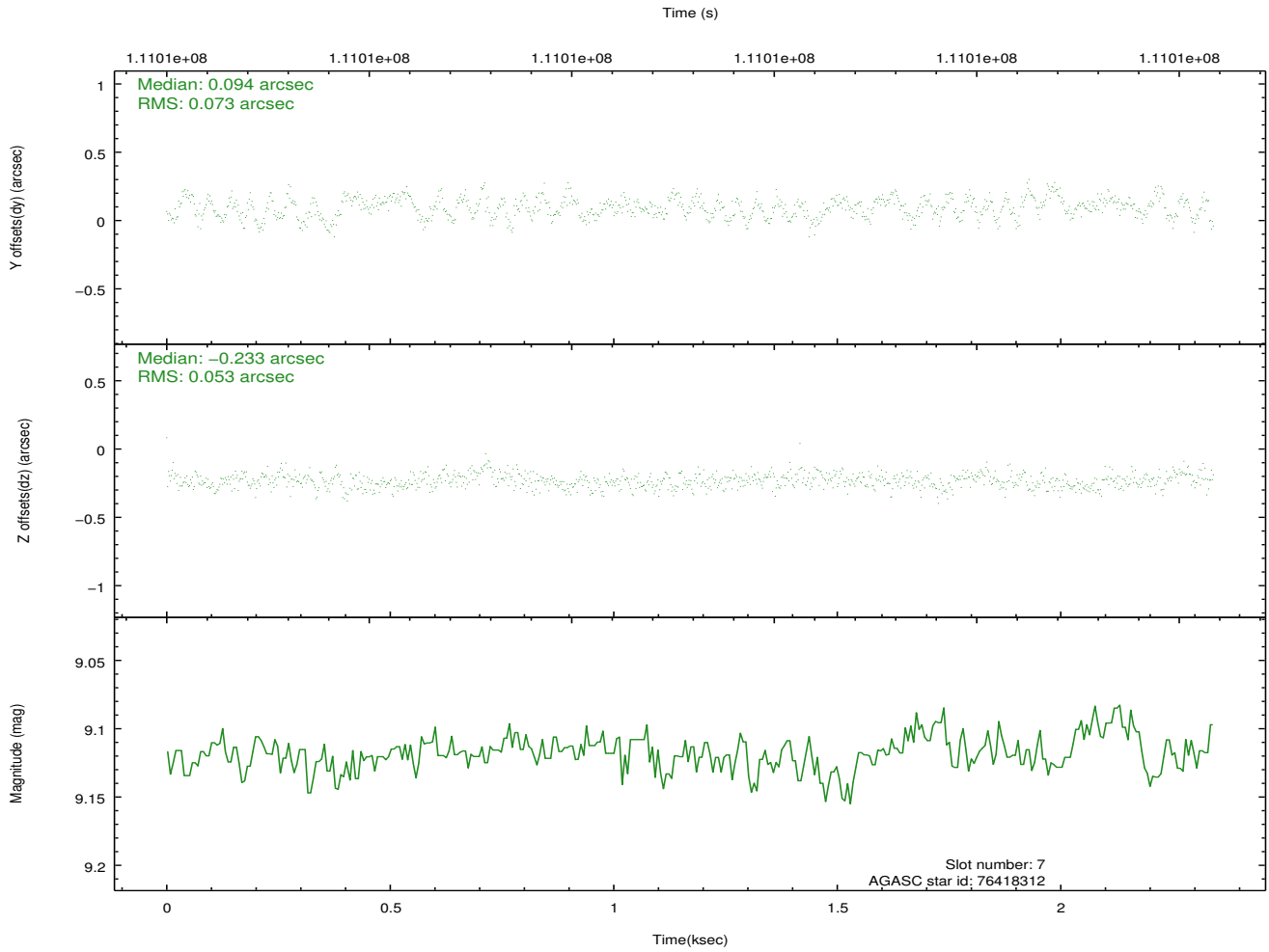
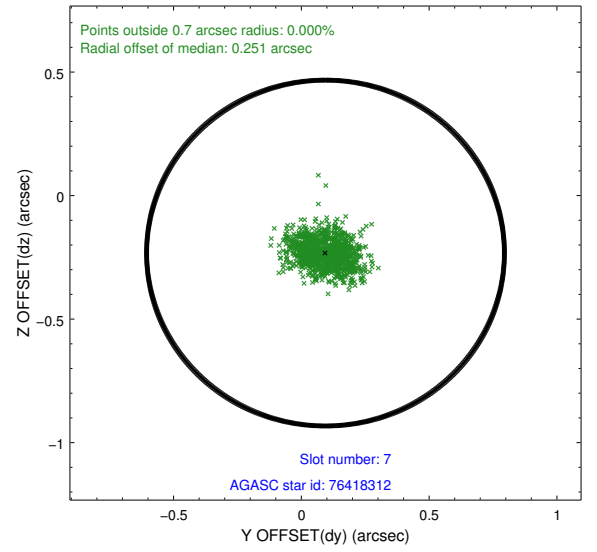
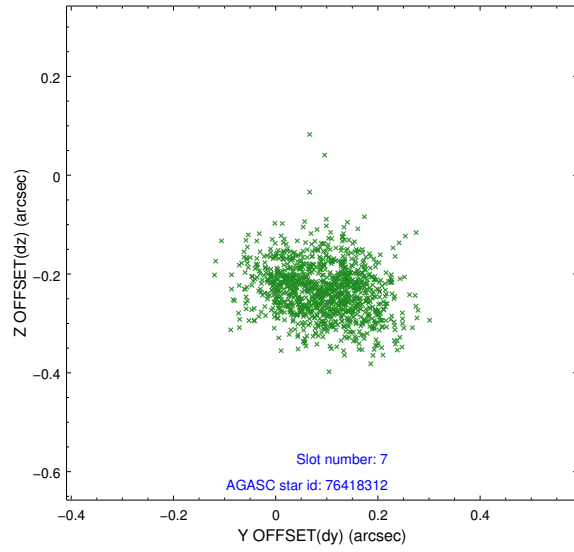
2.4.3 Slot 5



2.4.4 Slot 6

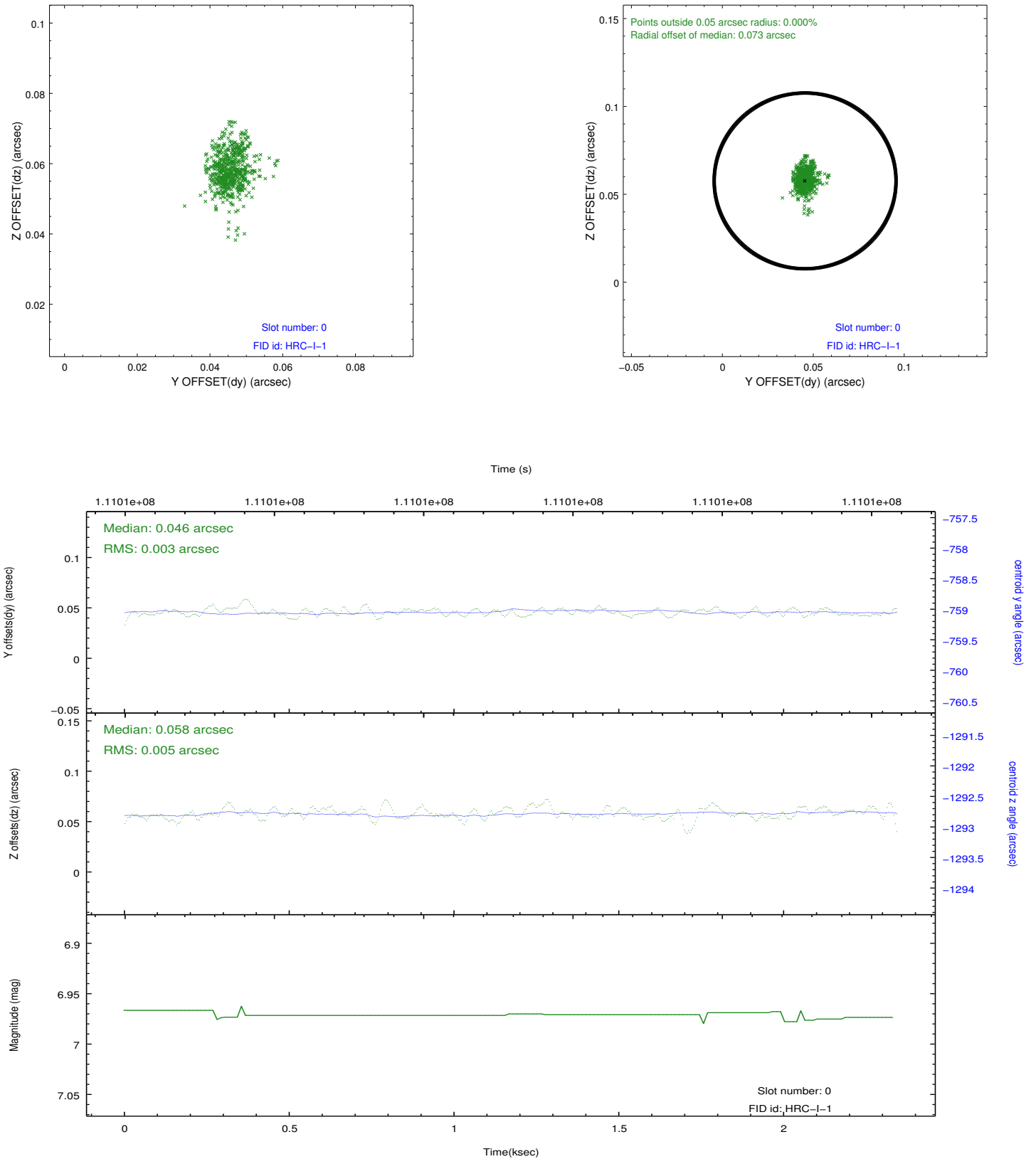


2.4.5 Slot 7

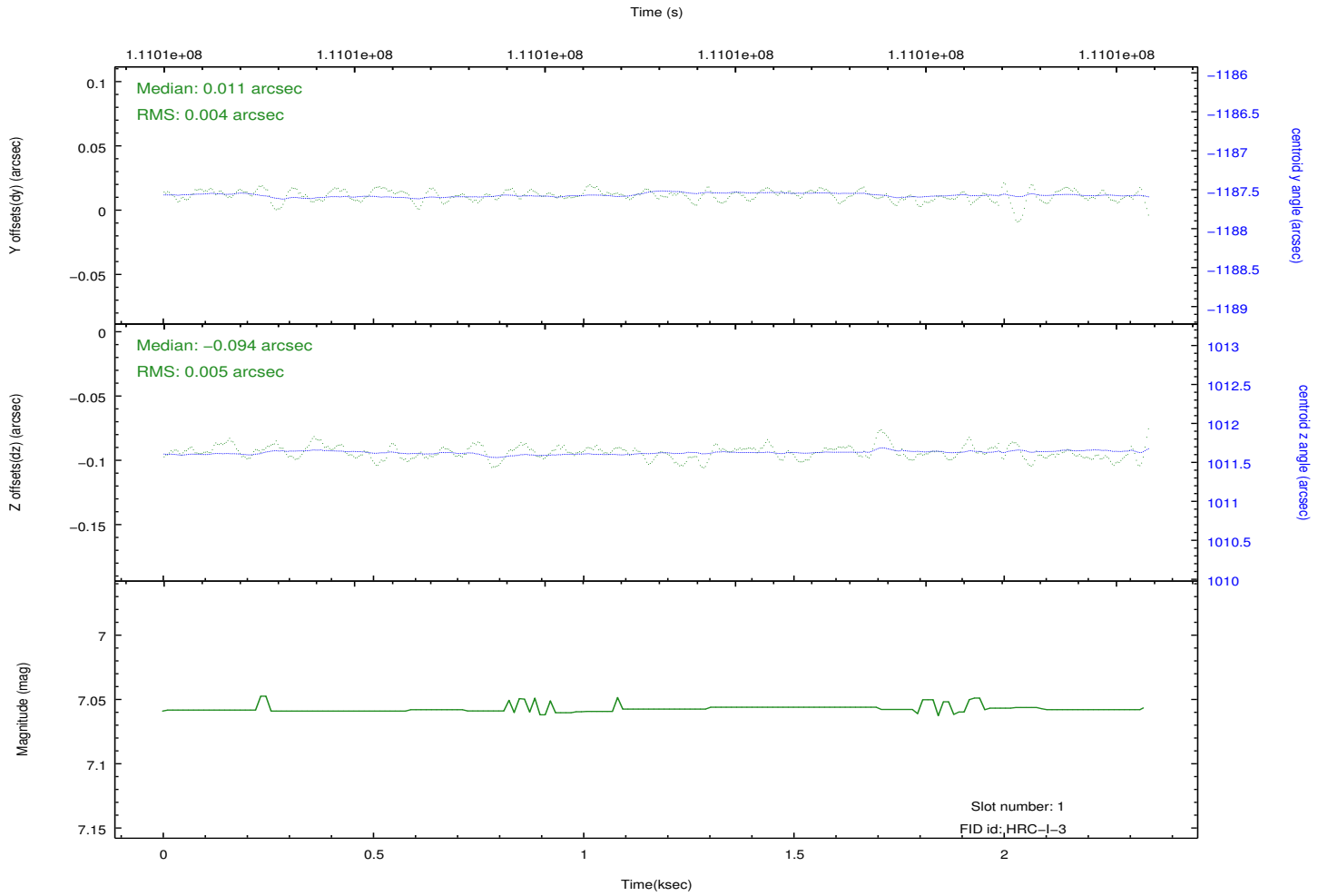
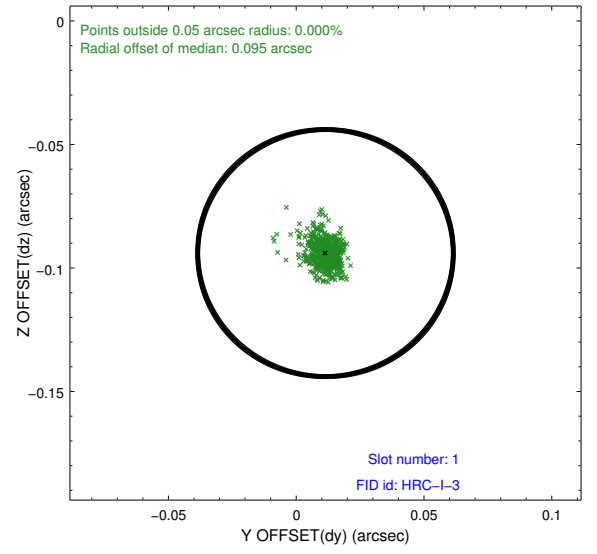
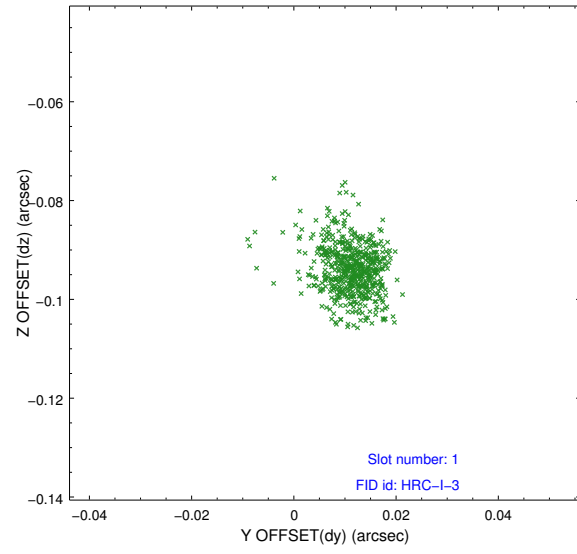


2.5 FID Slots

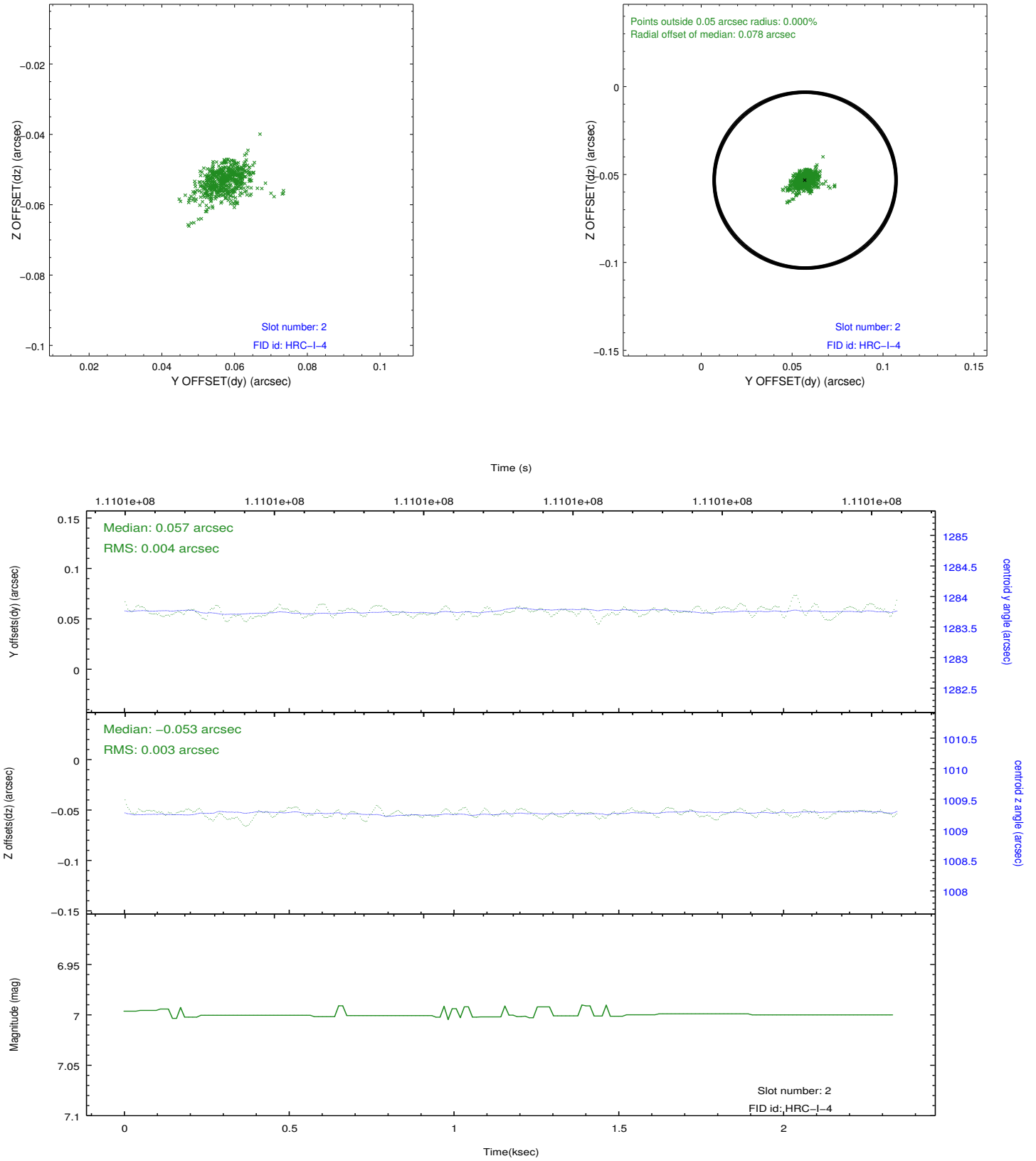
2.5.1 Slot 0



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	2.34

A.2 Comments

Charge time for this observation remains at previous value of 2.34 ksec.