

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1573 - L2 Version 5
Chandra X-Ray Center

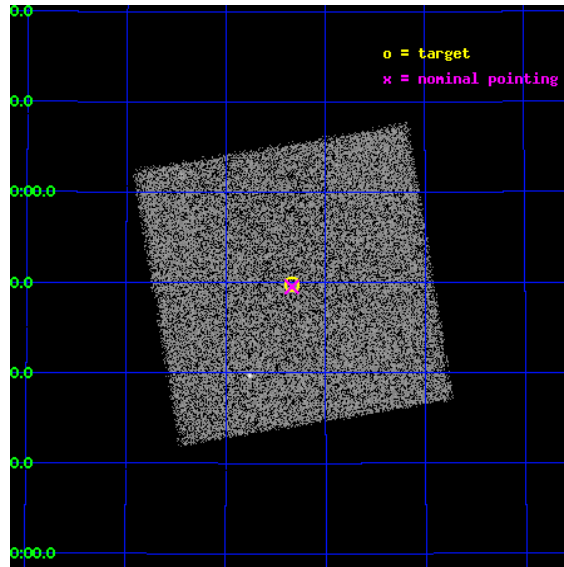
L2 Processing Date : Sep 7 2012

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1 Front

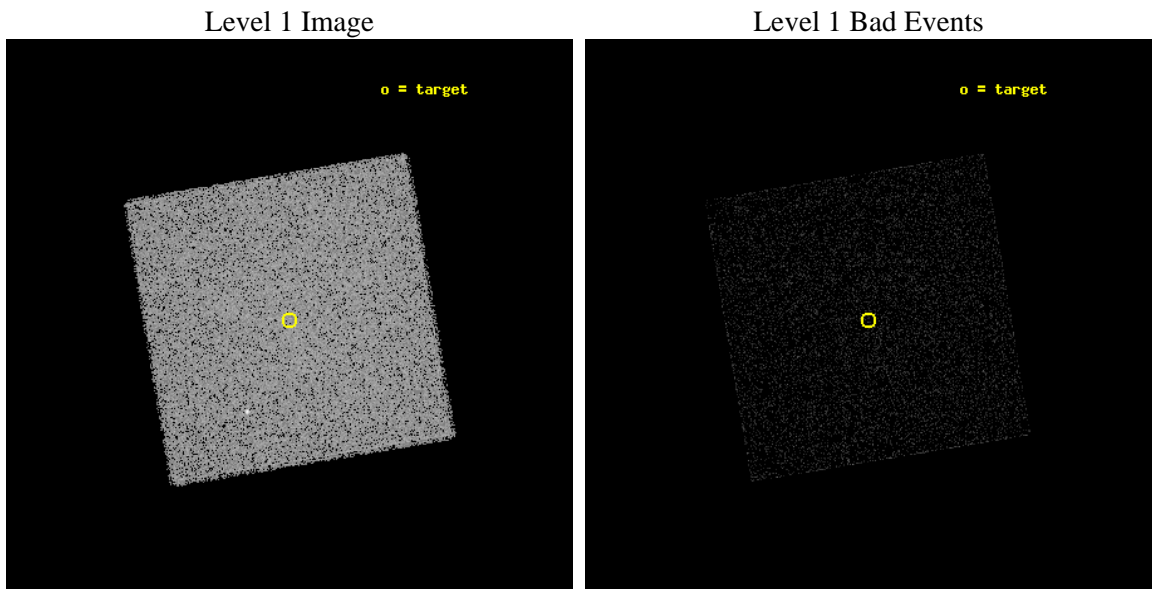
seq_num	600130	Sequence number
obs_id	1573	Observation id
title	HRC MONITORING OF M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - NORTH 2	Source name
ra_targ	11.333333	Observer's specified target RA [deg]
dec_targ	41.829722	Observer's specified target Dec [deg]
ra_nom	11.334479191982	Nominal RA [deg]
dec_nom	41.825874467016	Nominal Dec [deg]
roll_nom	305.48125224642	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.3812960088	[s]
livetime	1186.2010674031	Ontime multiplied by DTCOR
l2events	59317	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1194.3812960088	[s]
caldbver	4.5.1.1	 	l1events	134798	Number of level 1 events
date	2012-09-07T04:48:50	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

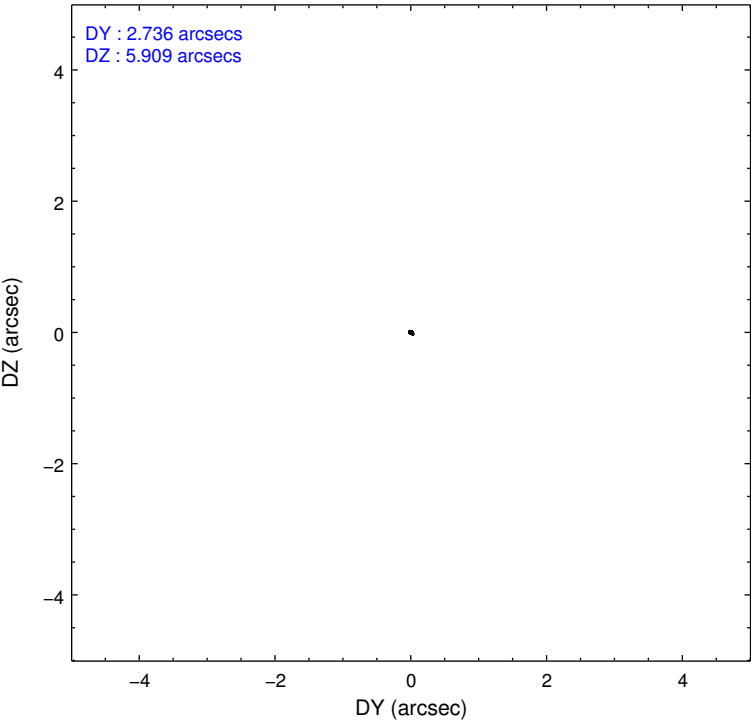
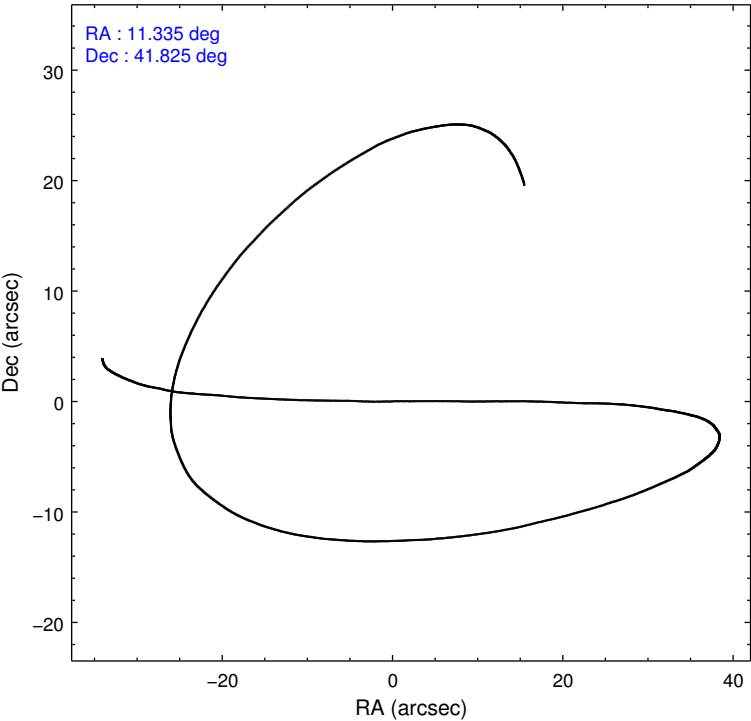
	segment 0
level 1 events	134798
rejected events	52553
rejected %	38%

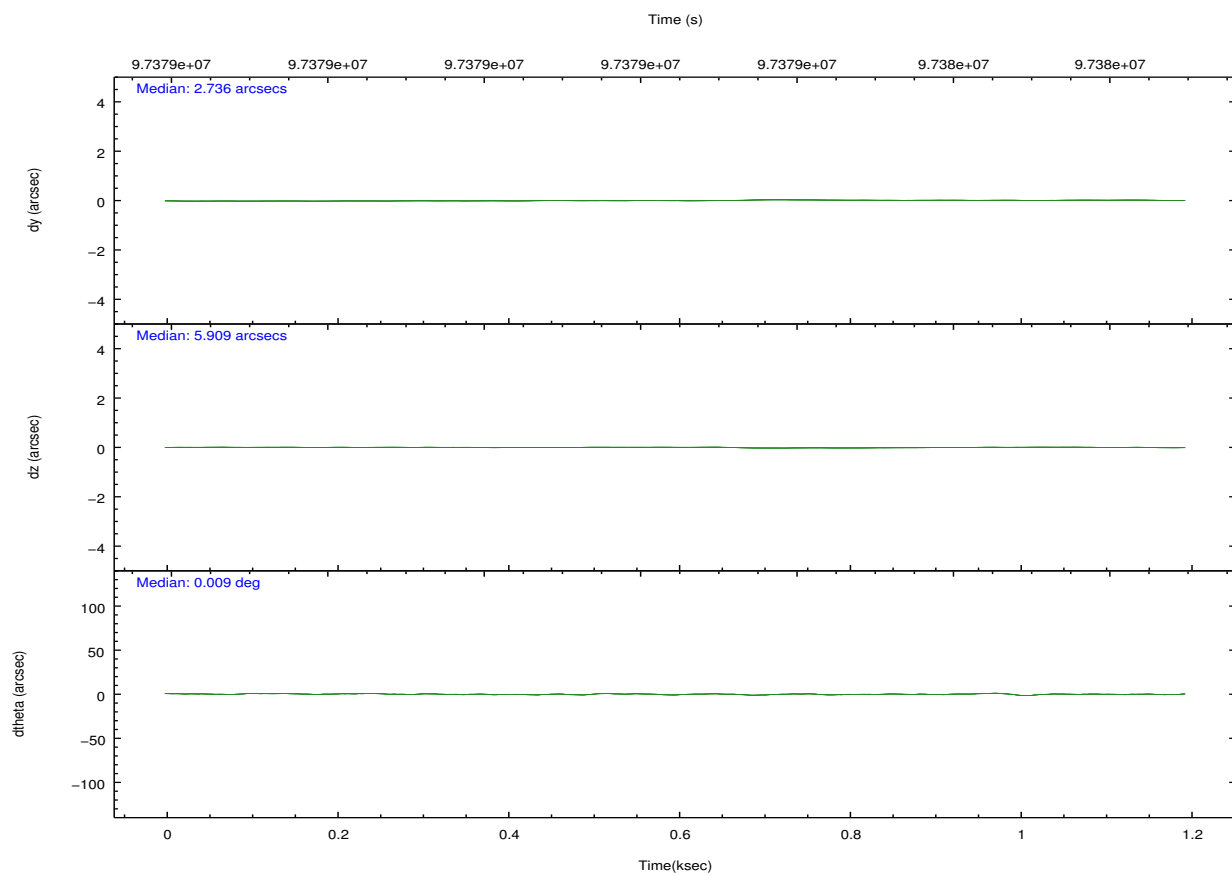
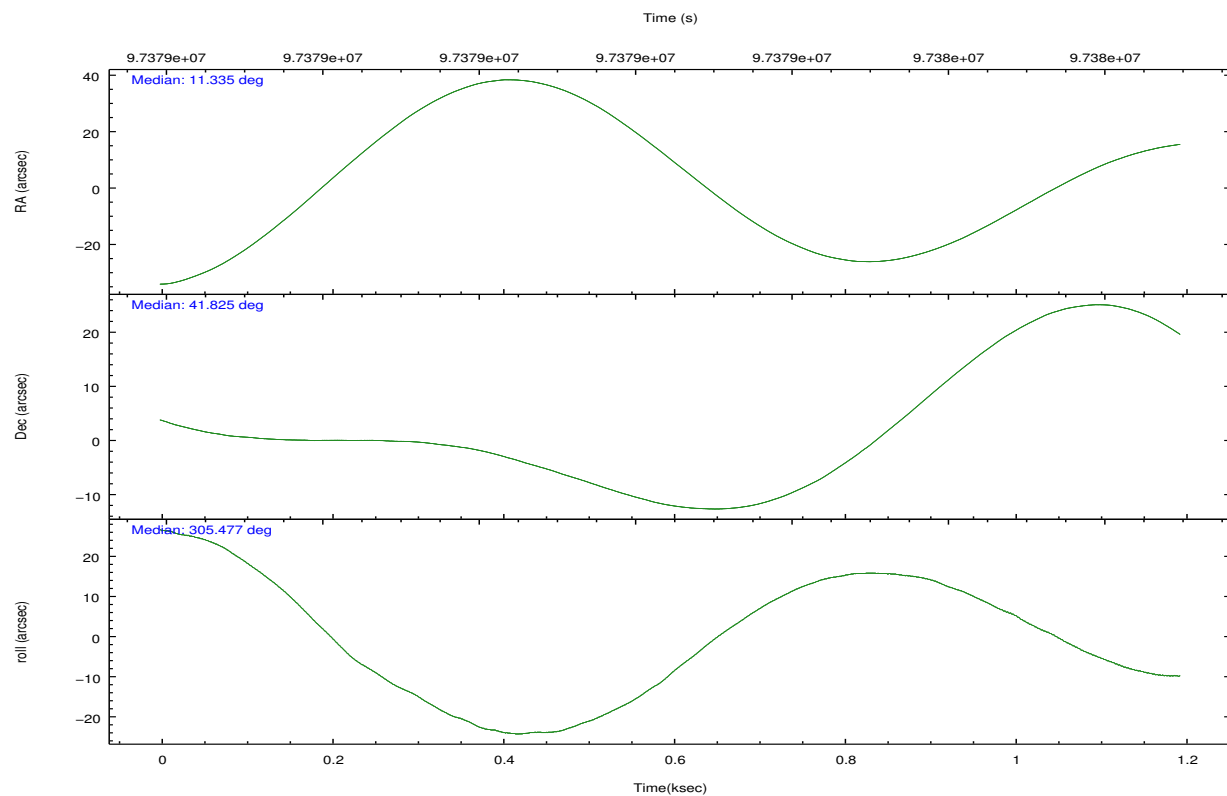
2.2 Compared Parameters

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	11.301133	11.33447919198225
[deg] Pointing Dec	41.836330	41.82587446701552
[deg] Pointing Roll	305.599002	305.4812522464158
[s] Window start time (MET)	97372864.184000	97372864.184000
[s] Window stop time (MET)	98496064.184000	98496064.184000
[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)	97378839.184000	97378463.26686899
Observation start date	2001-02-01T01:39:35	2001-02-01T01:34:23
[s] Observation end time (MET)	97379839.184000	97380653.691954
Observation end date	2001-02-01T01:56:15	2001-02-01T02:10:53

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

2.3 Aspect



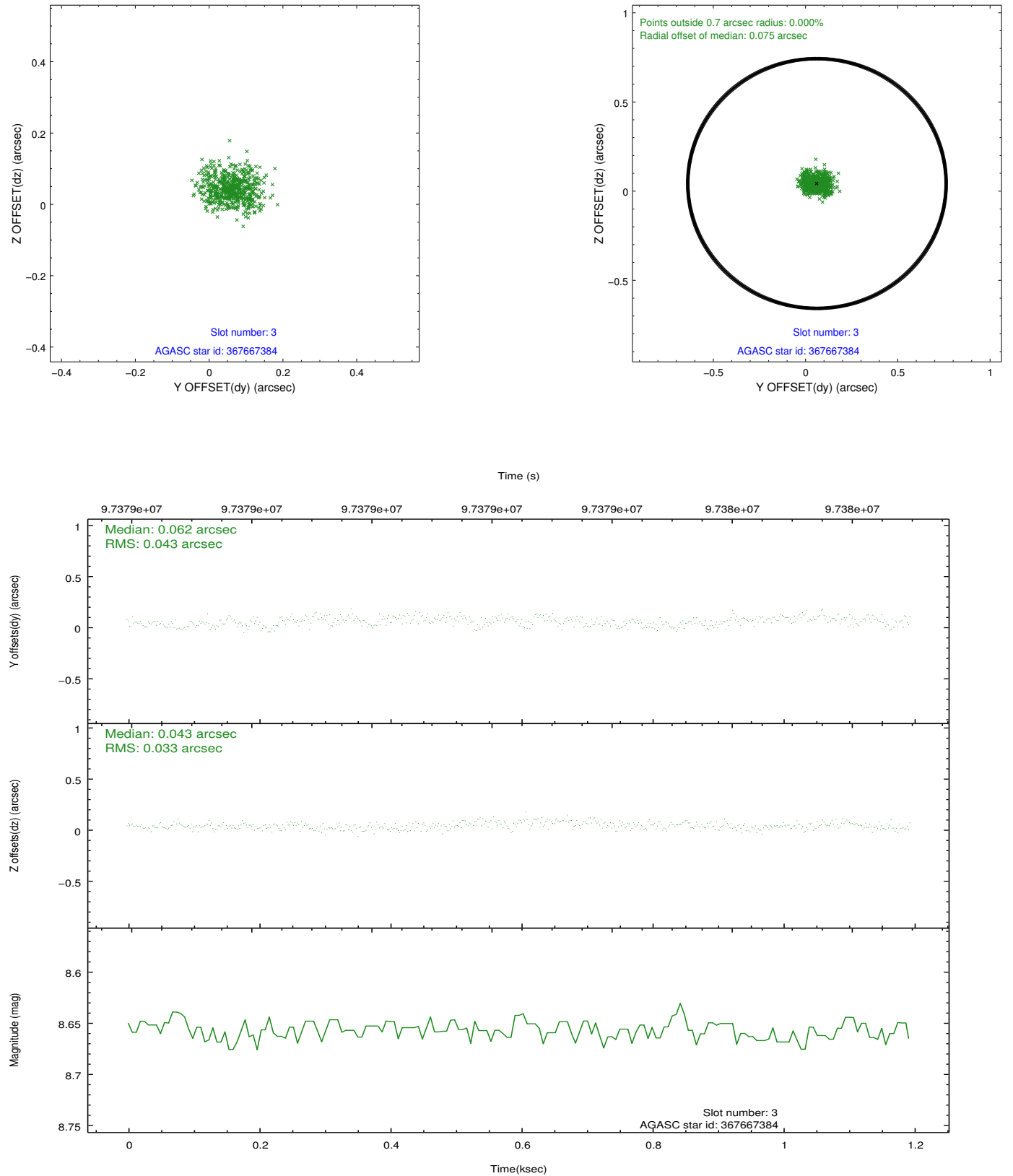


Slot Statistics

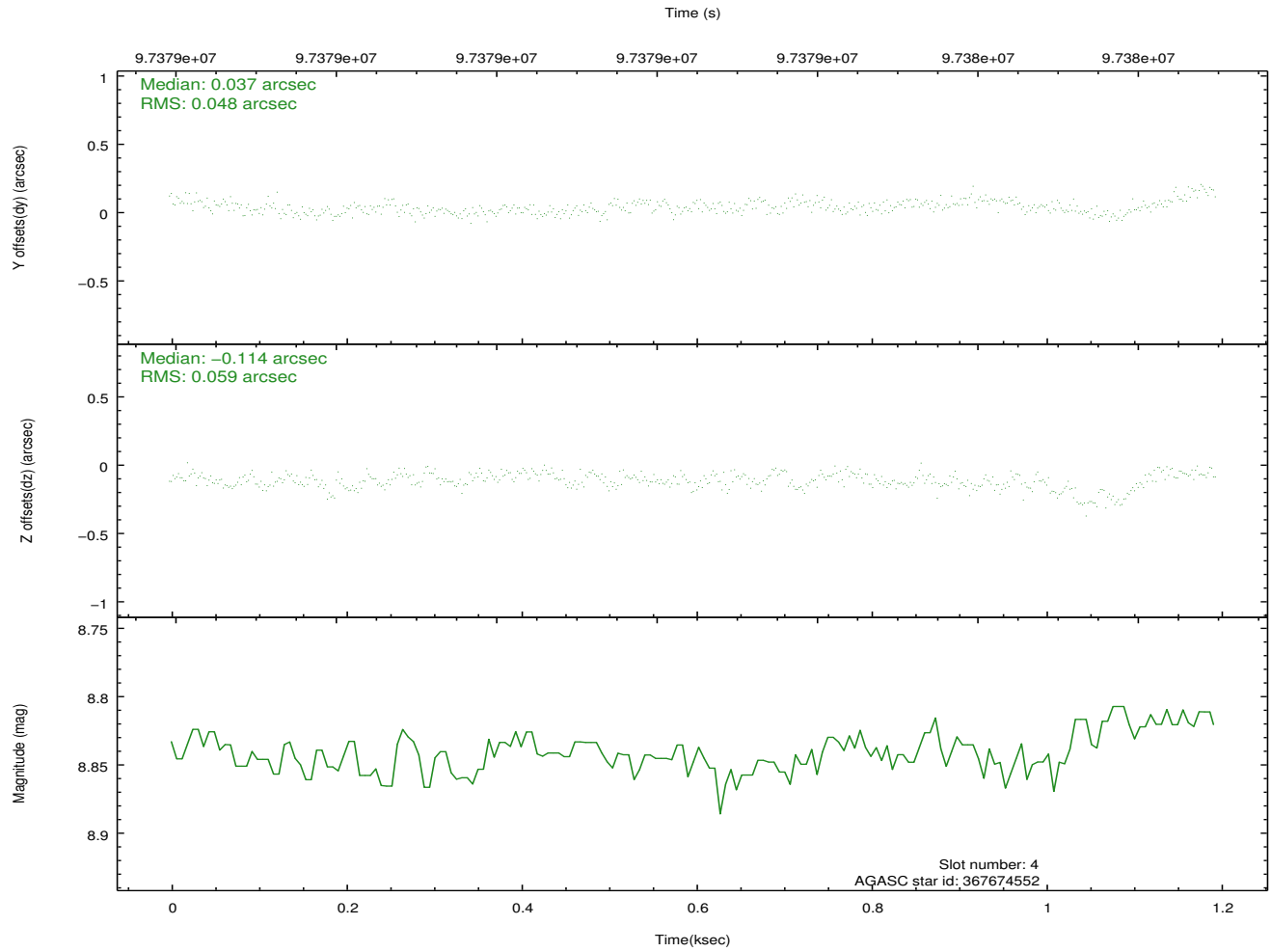
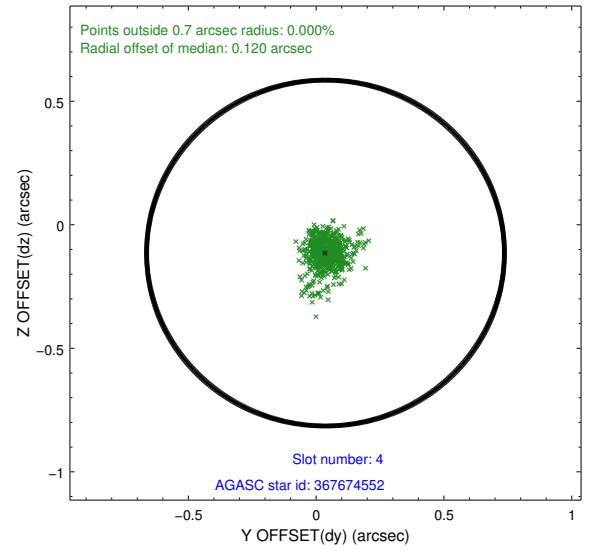
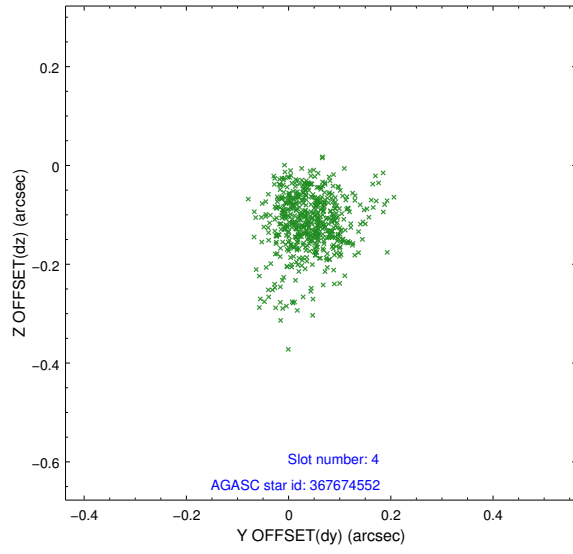
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	292	0.035	0.027	0.006	0.012	0.000000	0.000000	-758.17	-1293.74
1	FID	HRC-I-3	7.04	292	0.031	-0.078	0.007	0.011	0.000000	0.000000	-1189.25	1006.29
2	FID	HRC-I-4	6.98	292	0.047	-0.039	0.005	0.008	0.000000	0.000000	1280.57	1011.80
3	GUIDE	367667384	8.66	584	0.062	0.043	0.059	0.091	12.077552	41.596878	1910.43	1202.31
4	GUIDE	367674552	8.84	584	0.037	-0.114	0.075	0.144	11.016238	41.570845	333.29	-1178.76
5	GUIDE	367146616	8.87	584	0.137	0.011	0.089	0.148	11.418645	41.190163	2077.84	-1098.22
6	GUIDE	367671800	9.41	584	-0.140	-0.061	0.082	0.134	10.554735	41.964935	-1542.60	-1353.29
7	GUIDE	367670520	9.26	583	-0.098	0.110	0.084	0.132	11.265516	42.371946	-1625.41	1041.91

2.4 Star Slots

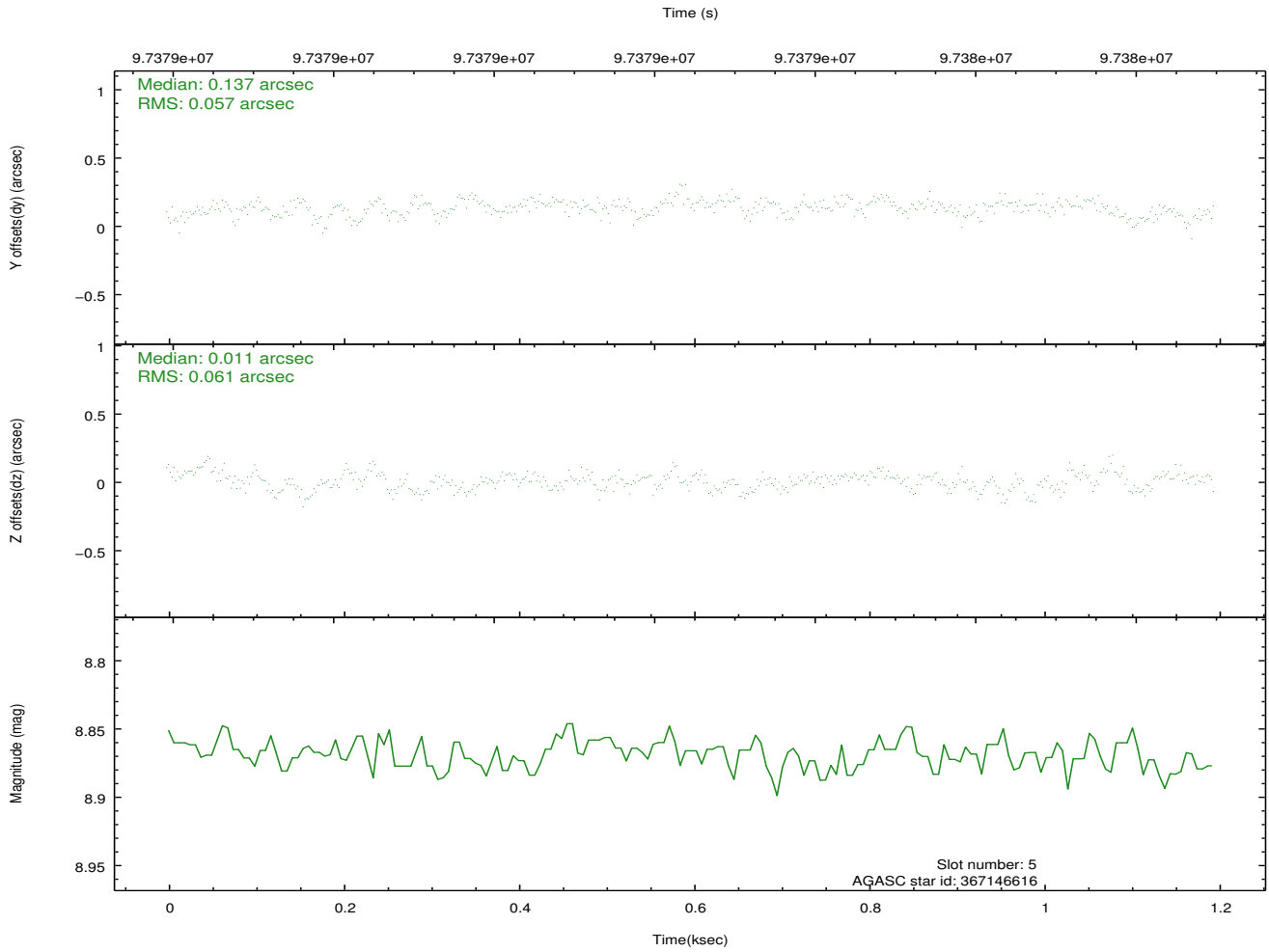
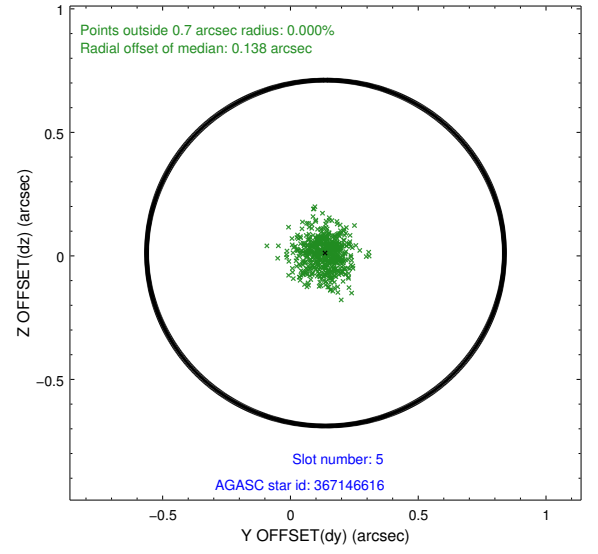
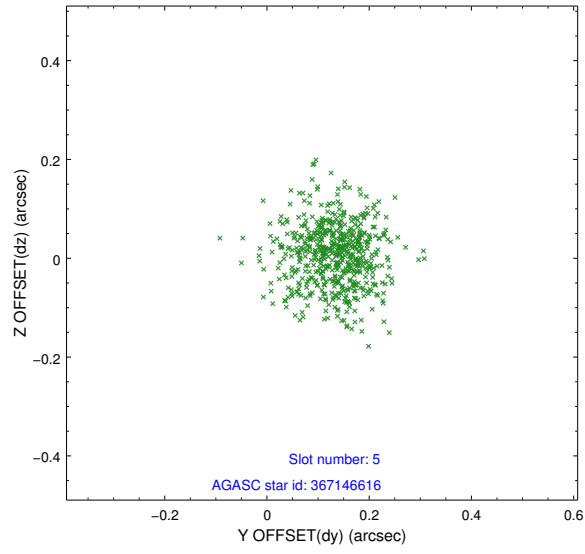
2.4.1 Slot 3



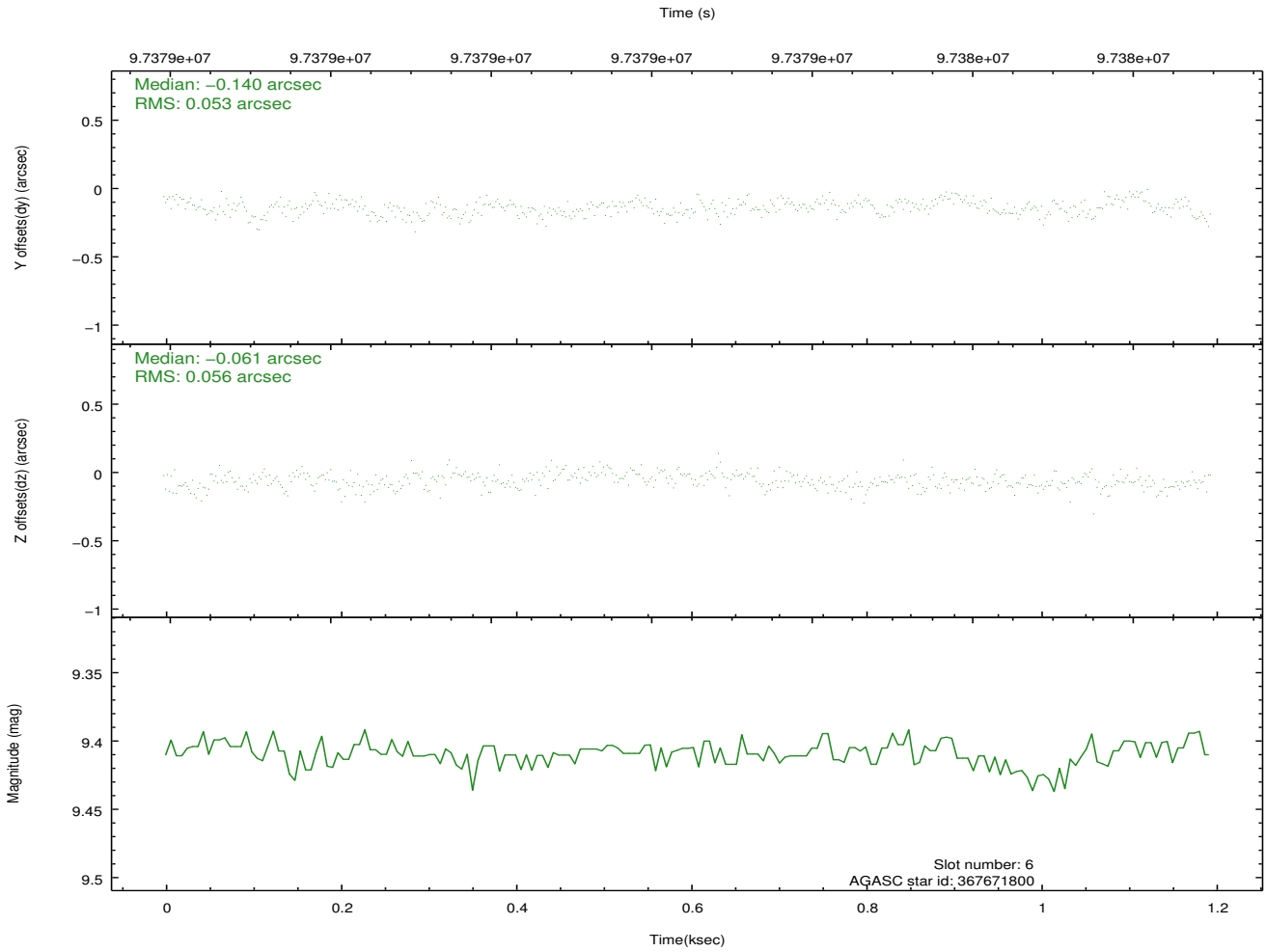
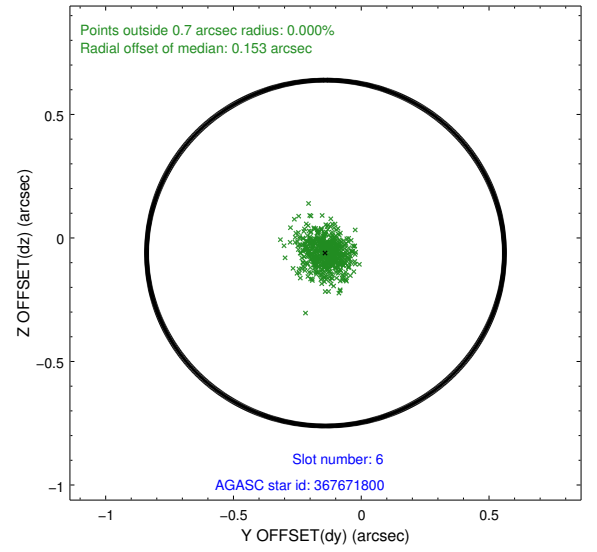
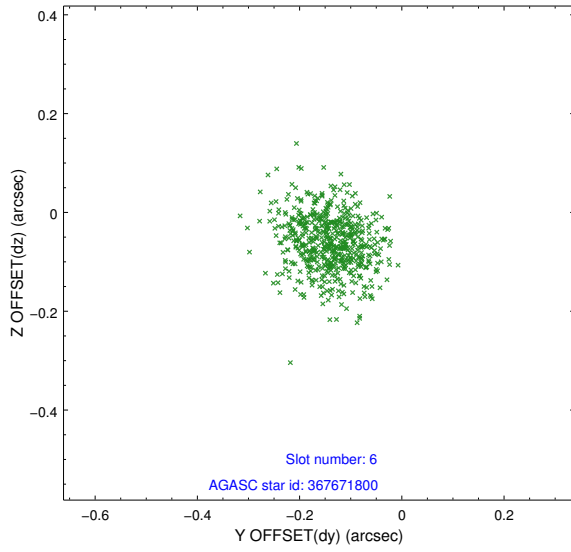
2.4.2 Slot 4



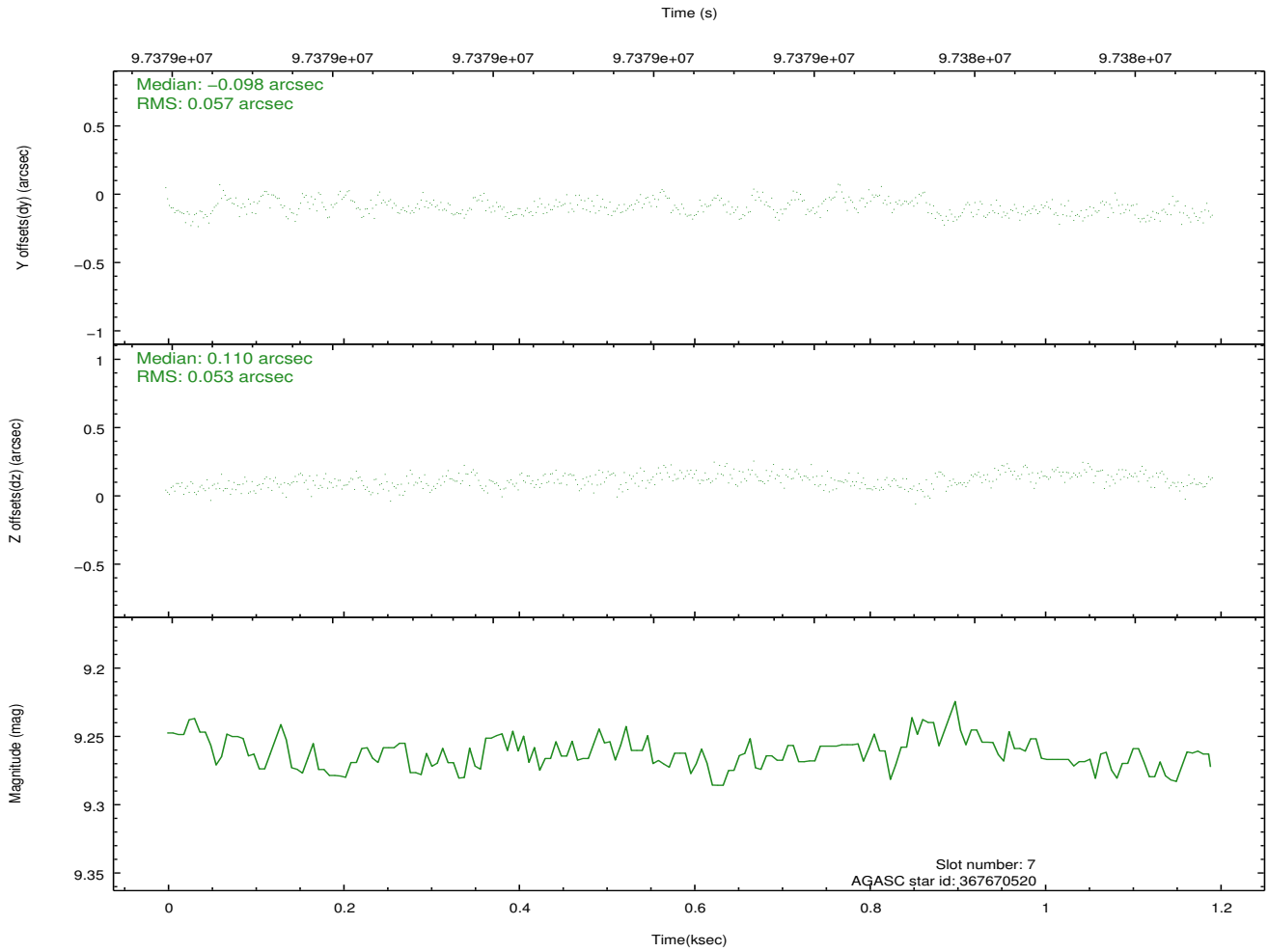
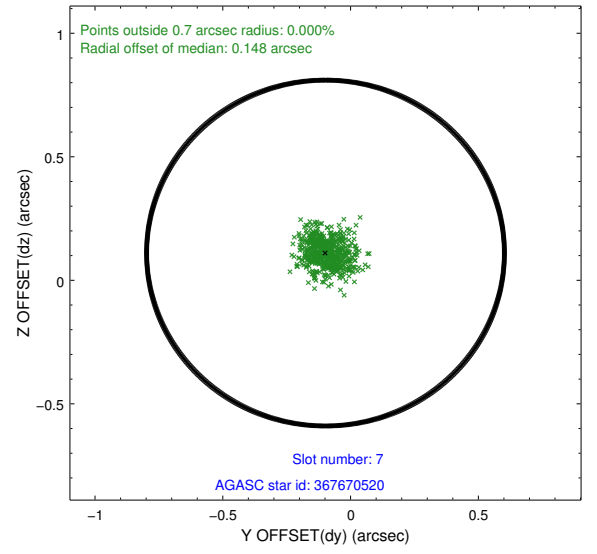
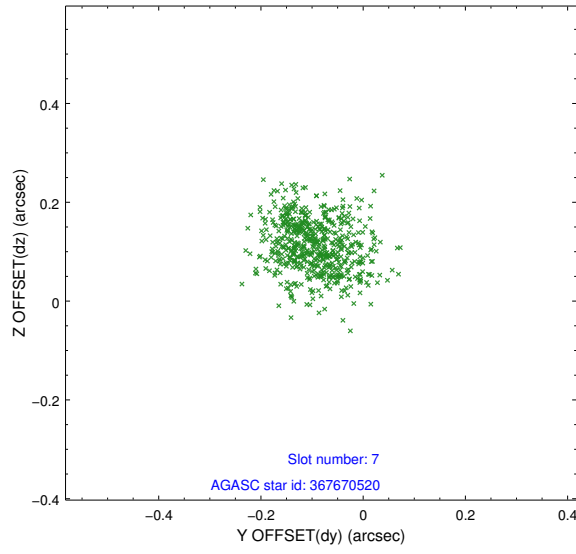
2.4.3 Slot 5



2.4.4 Slot 6

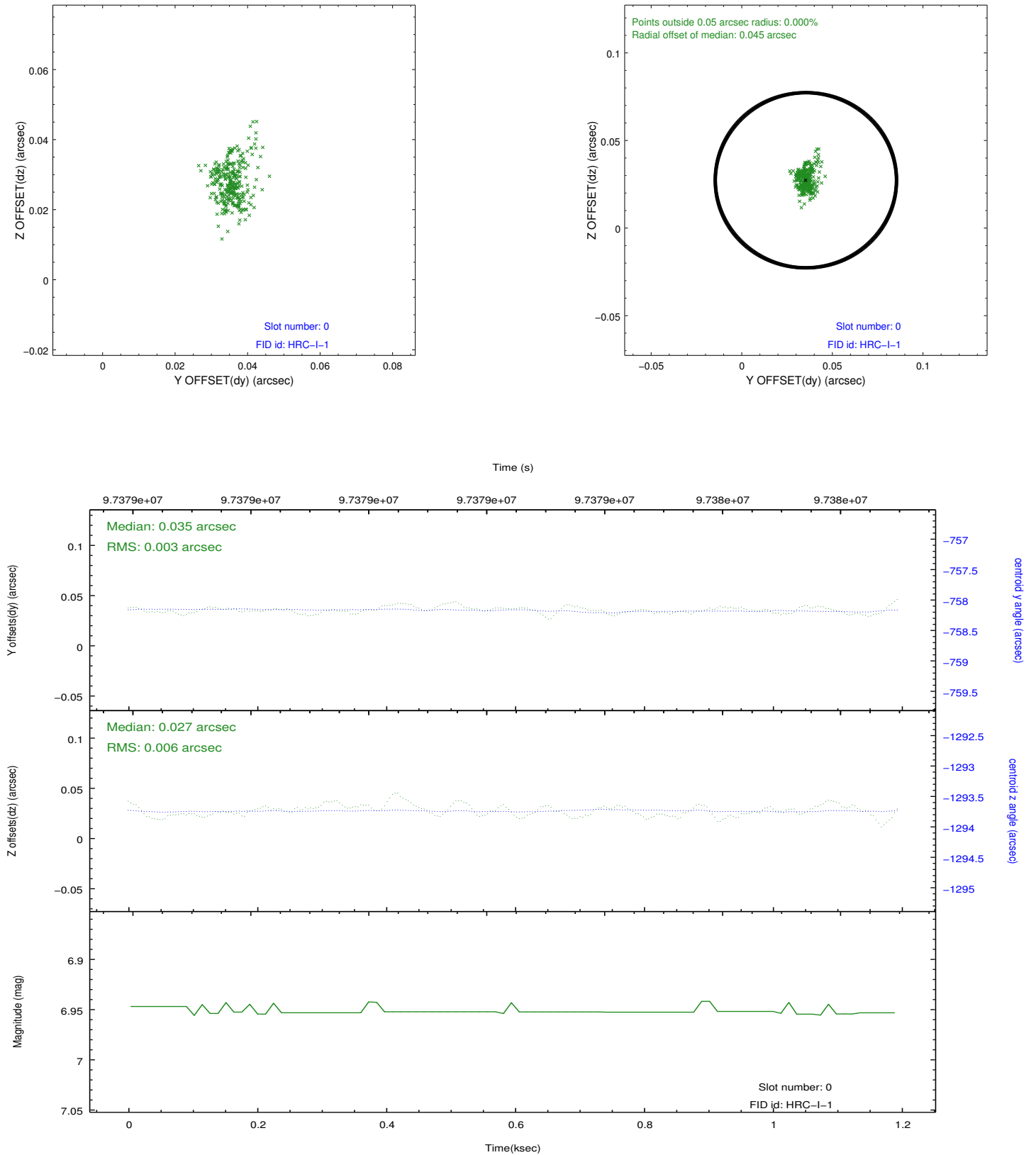


2.4.5 Slot 7

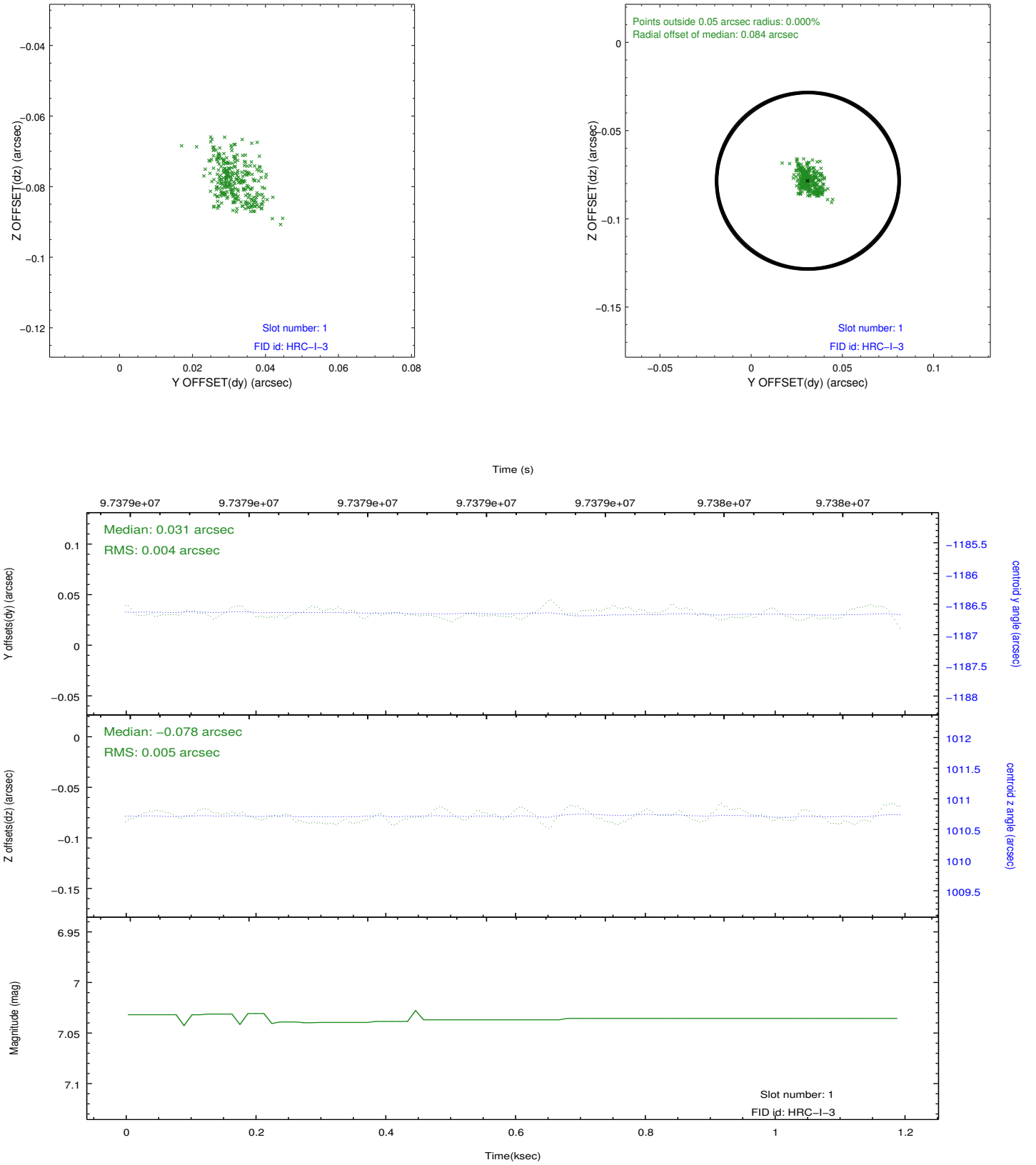


2.5 FID Slots

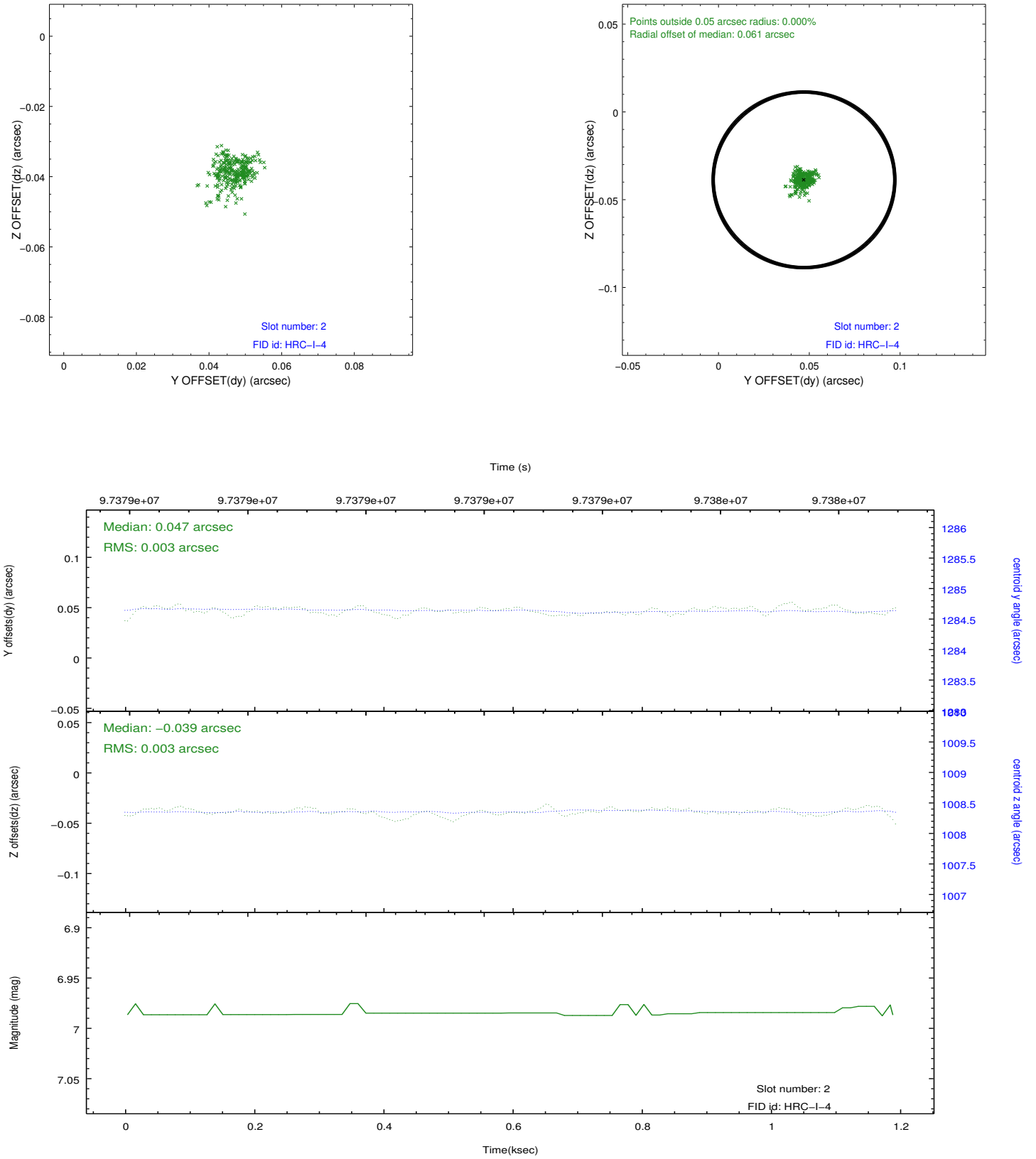
2.5.1 Slot 0



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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments

Window preference met.