

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1571 - L2 Version 5
Chandra X-Ray Center

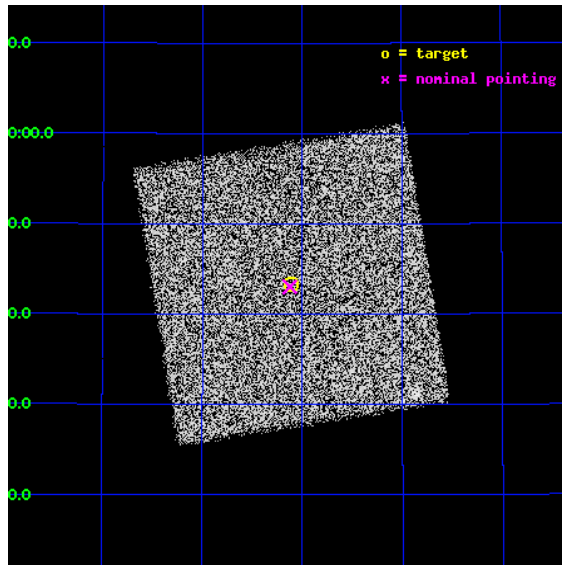
L2 Processing Date : Sep 7 2012

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1 Front

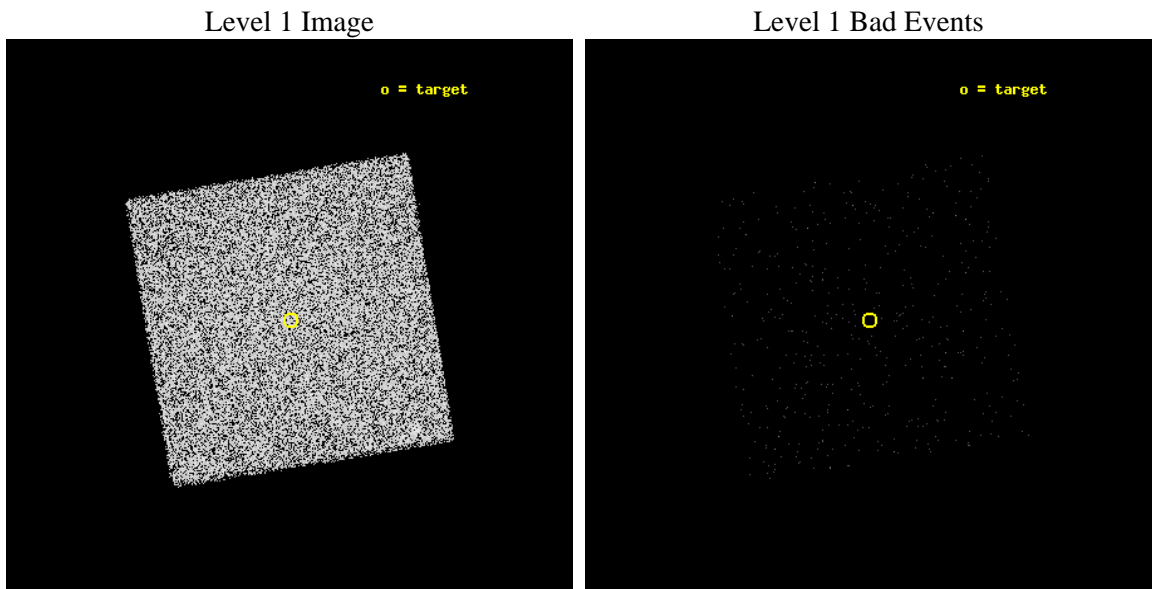
seq_num	600128	Sequence number
obs_id	1571	Observation id
title	HRC MONITORING OF M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - NORTH 1	Source name
ra_targ	11.029167	Observer's specified target RA [deg]
dec_targ	41.721111	Observer's specified target Dec [deg]
ra_nom	11.03089463432	Nominal RA [deg]
dec_nom	41.717060286421	Nominal Dec [deg]
roll_nom	305.68121300287	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.3812960088	[s]
livetime	1187.6689023625	Ontime multiplied by DTCOR
l2events	43127	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	78927	Number of level 1 events
date	2012-09-07T04:54:01	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

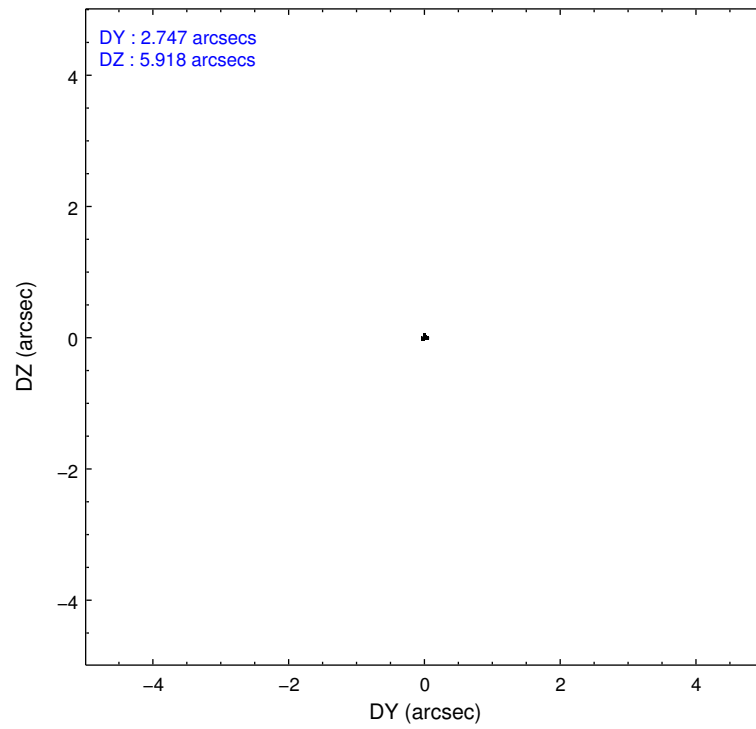
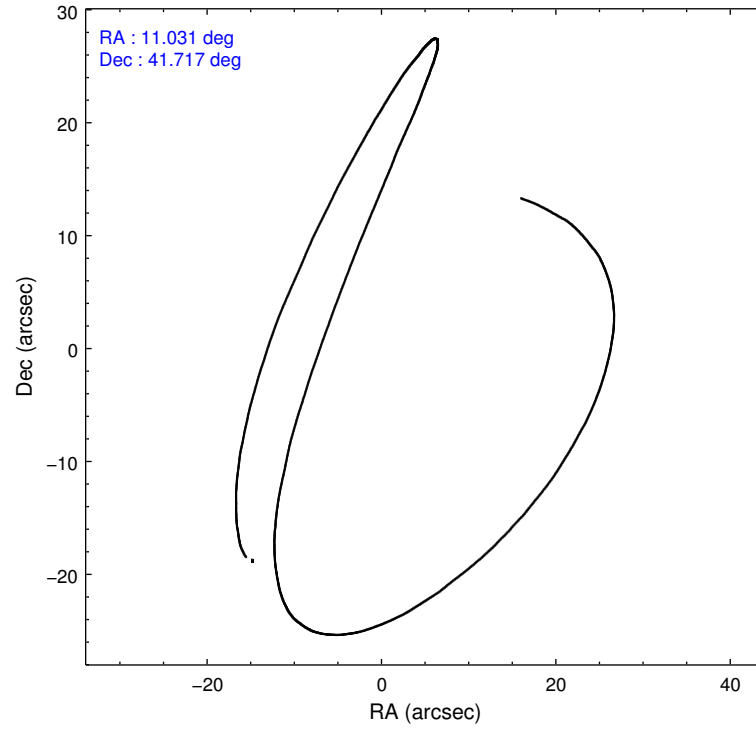
	segment 0
level 1 events	78927
rejected events	18119
rejected %	22%

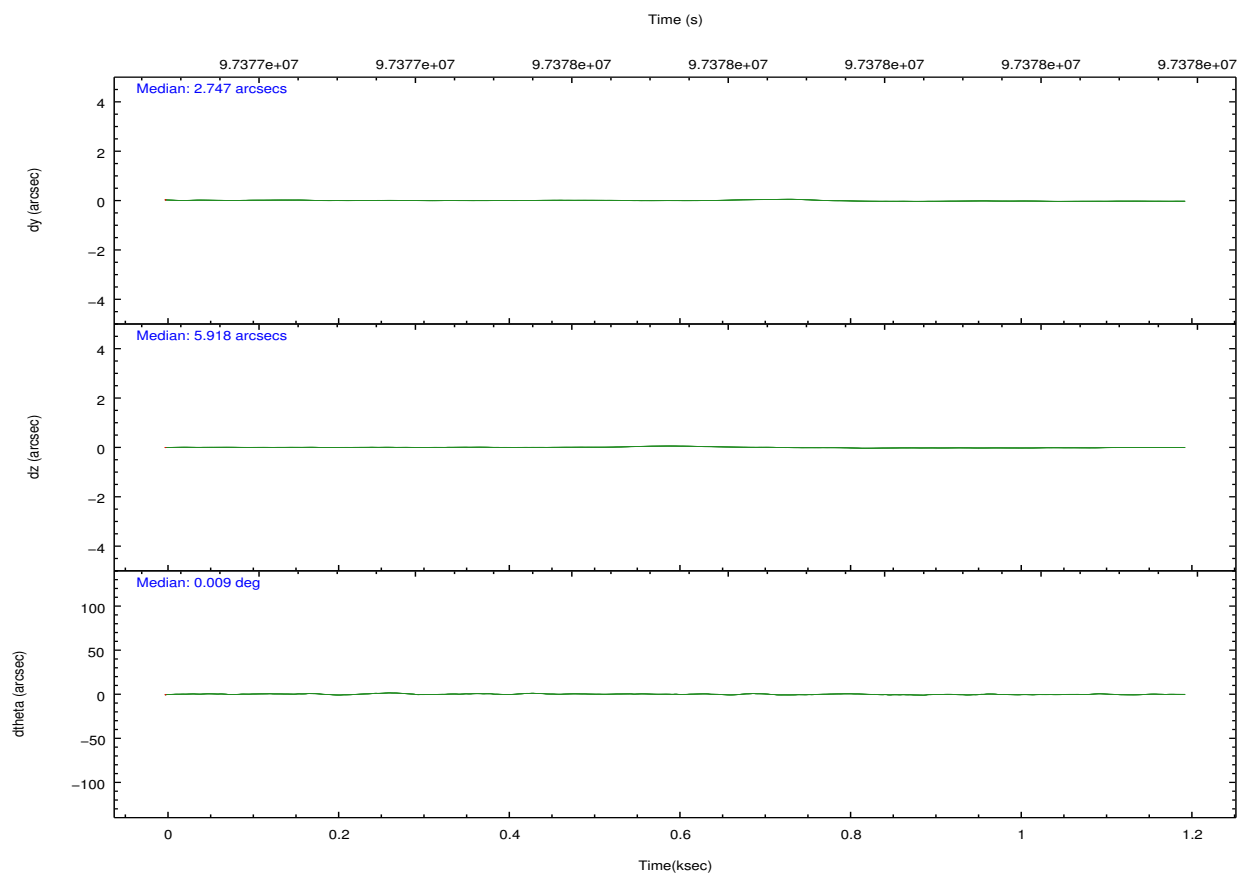
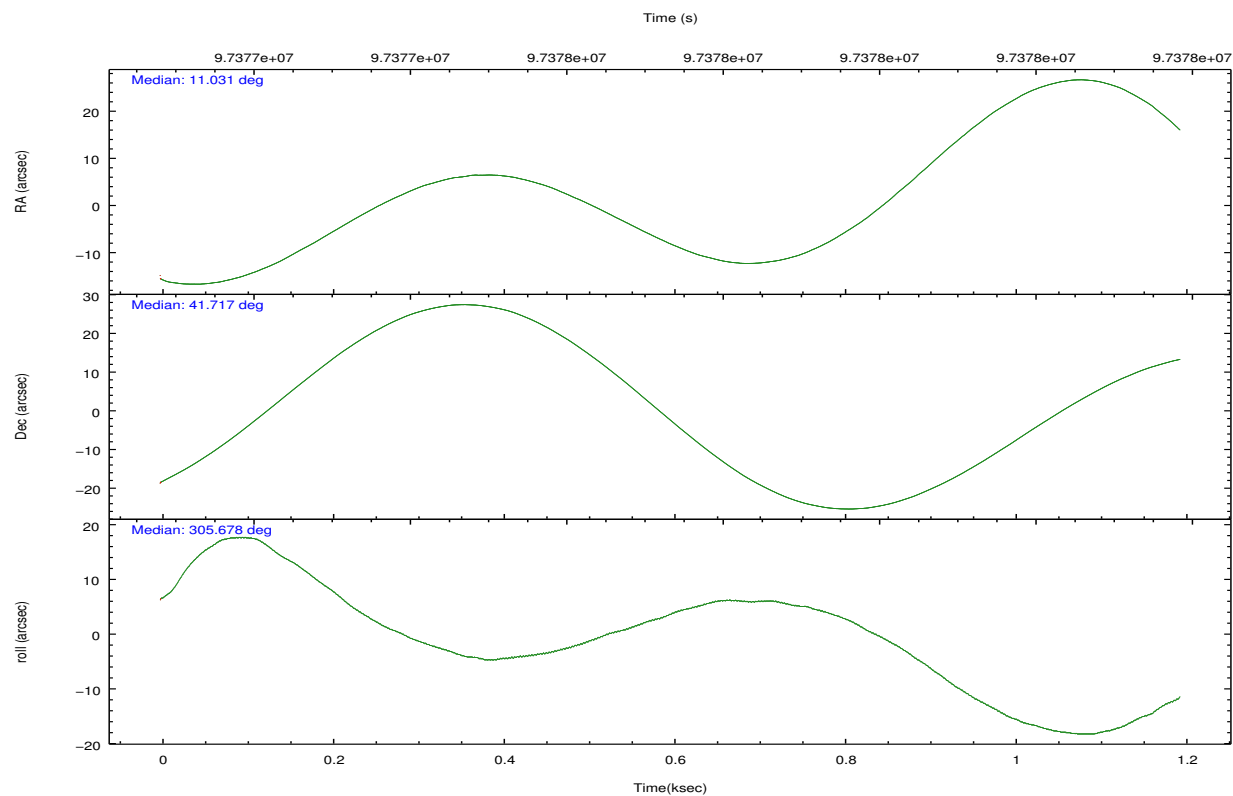
2.2 Compared Parameters

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	10.996986	11.03089463432046
[deg] Pointing Dec	41.727625	41.71706028642093
[deg] Pointing Roll	305.799352	305.6812130028658
[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)	97377329.184000	97376952.92931101
Observation start date	2001-02-01T01:14:25	2001-02-01T01:09:12
[s] Observation end time (MET)	97378329.184000	97378463.26686899
Observation end date	2001-02-01T01:31:05	2001-02-01T01:34:23

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

2.3 Aspect



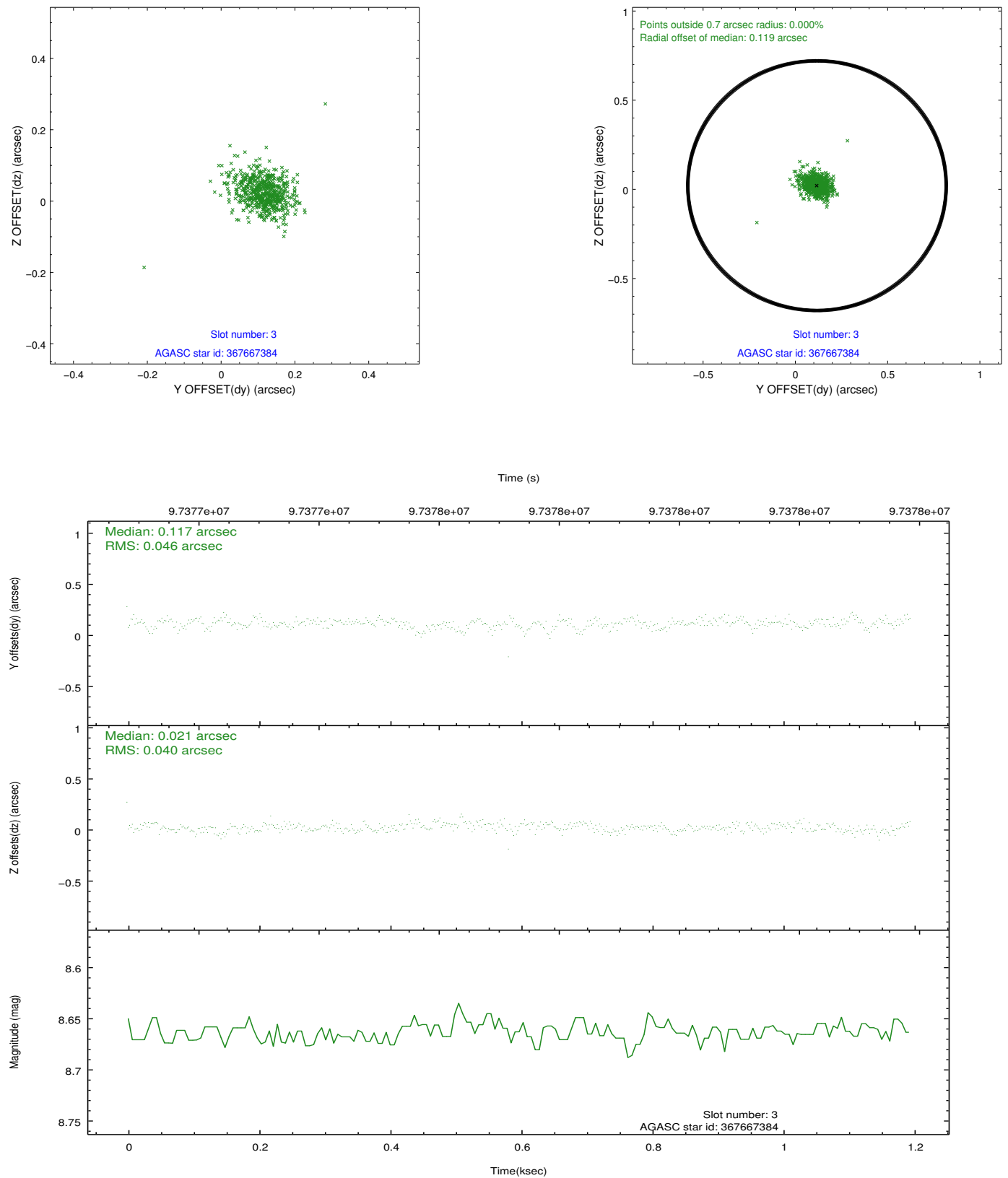


Slot Statistics

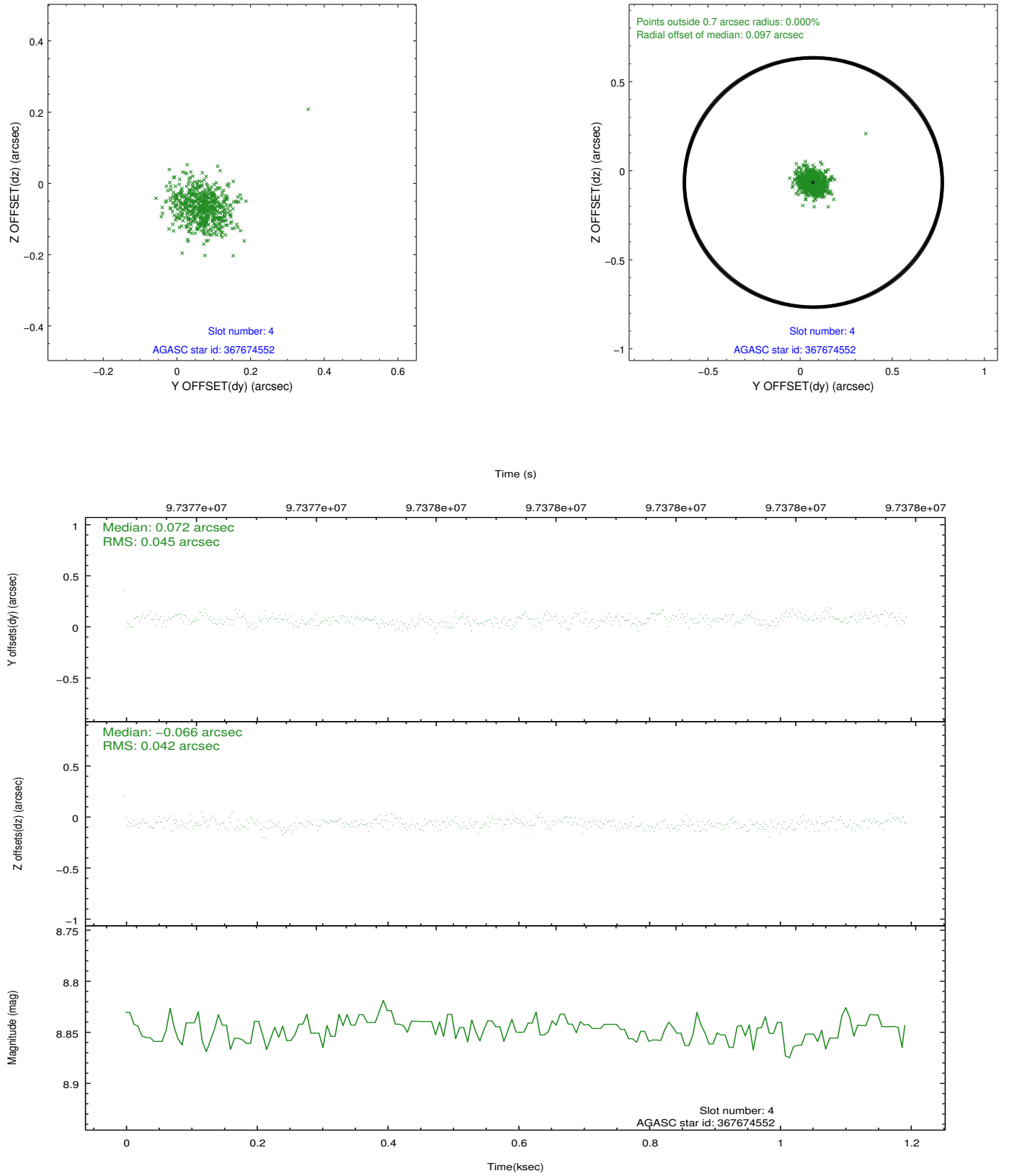
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	292	0.035	0.025	0.006	0.009	0.000000	0.000000	-758.18	-1293.75
1	FID	HRC-I-3	7.04	292	0.033	-0.076	0.007	0.011	0.000000	0.000000	-1189.26	1006.28
2	FID	HRC-I-4	6.98	292	0.047	-0.037	0.005	0.008	0.000000	0.000000	1280.56	1011.79
3	GUIDE	367667384	8.66	584	0.117	0.021	0.059	0.104	12.077552	41.596878	2067.51	2092.80
4	GUIDE	367674552	8.85	584	0.072	-0.066	0.064	0.105	11.016238	41.570845	490.58	-286.72
5	GUIDE	367146616	8.87	584	0.102	0.035	0.068	0.112	11.418645	41.190163	2235.04	-206.18
6	GUIDE	367671800	9.41	584	-0.189	-0.020	0.076	0.123	10.554735	41.964935	-1385.35	-461.27
7	GUIDE	367670520	9.27	583	-0.097	0.018	0.090	0.151	11.265516	42.371946	-1468.23	1933.78

2.4 Star Slots

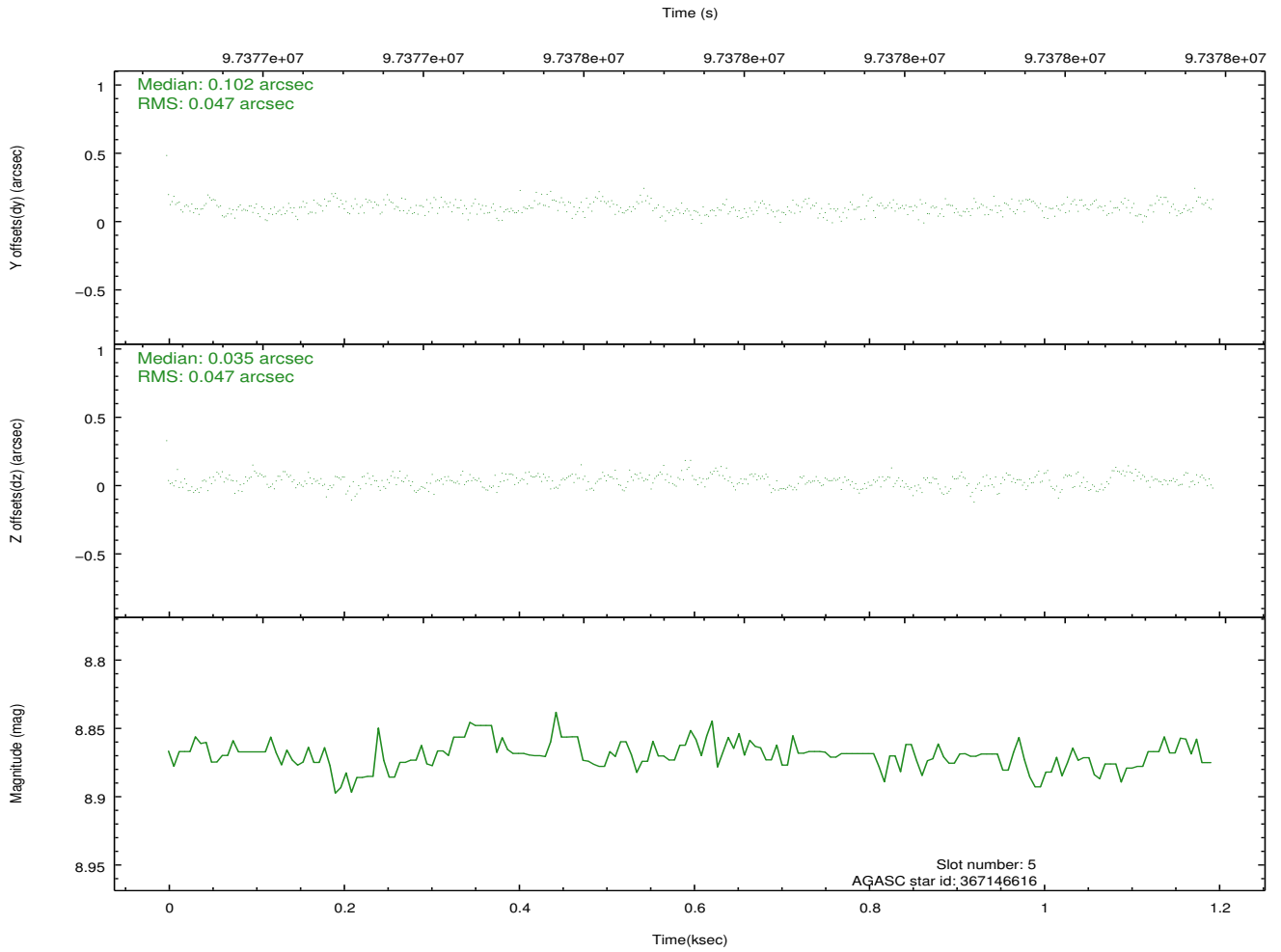
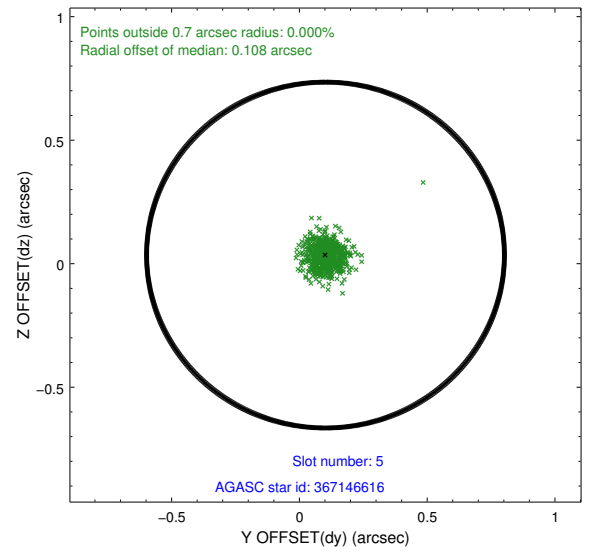
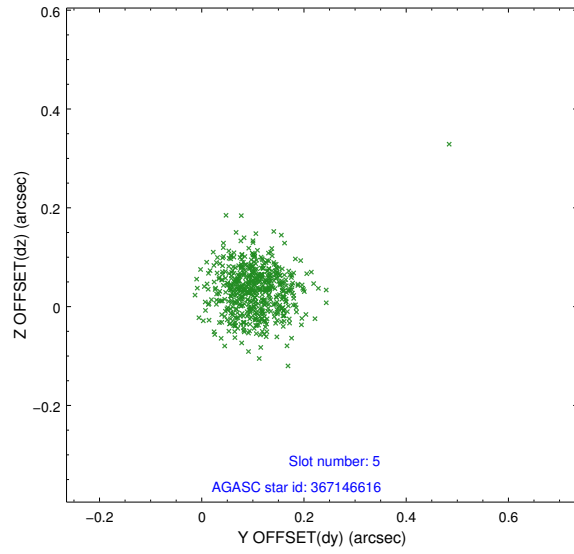
2.4.1 Slot 3



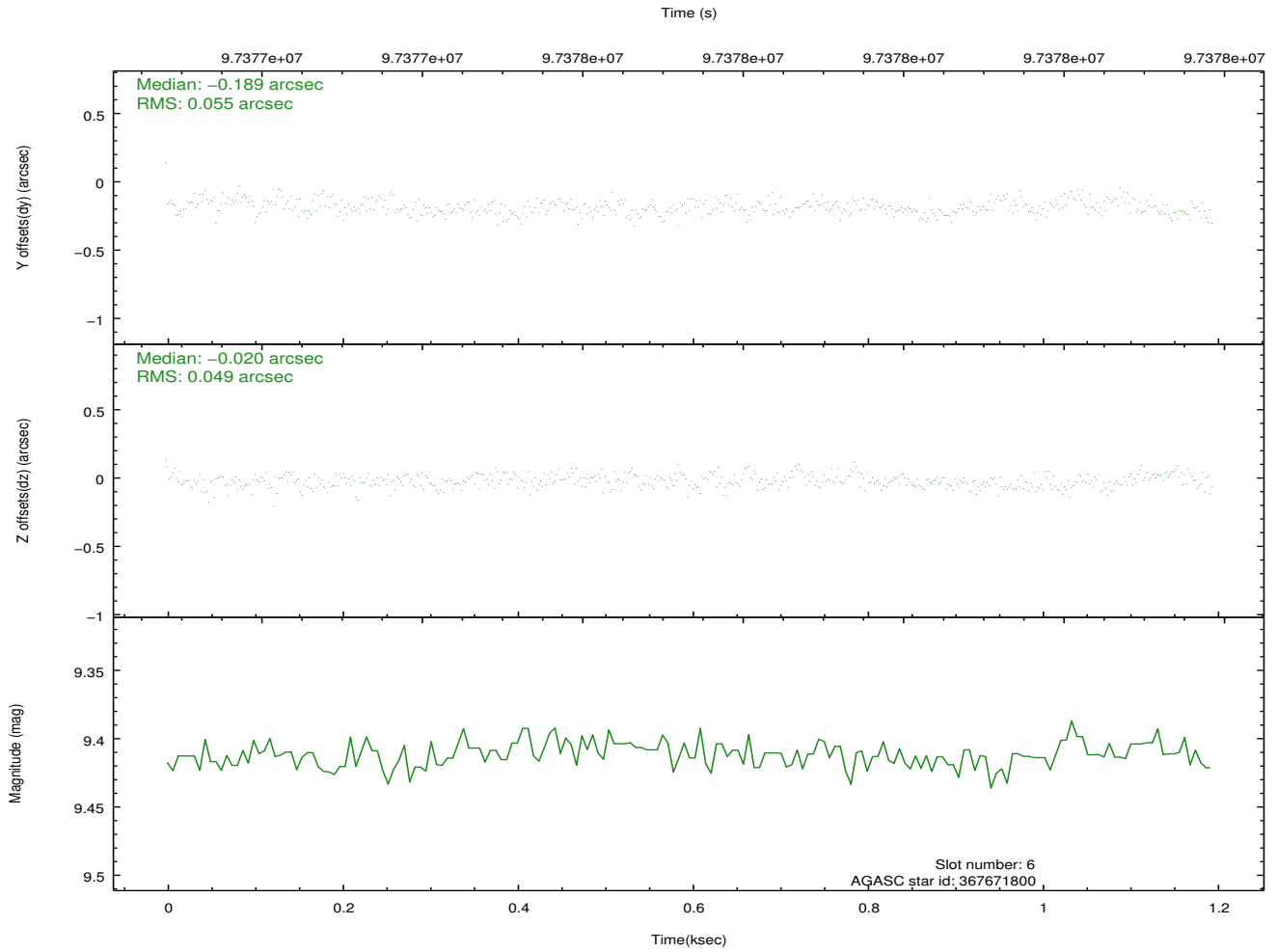
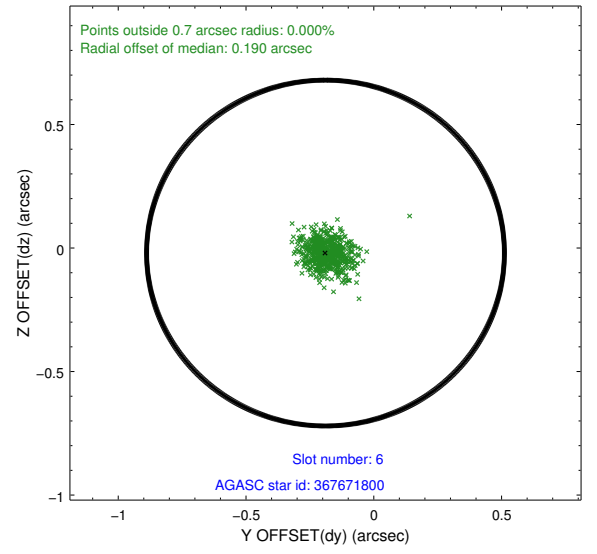
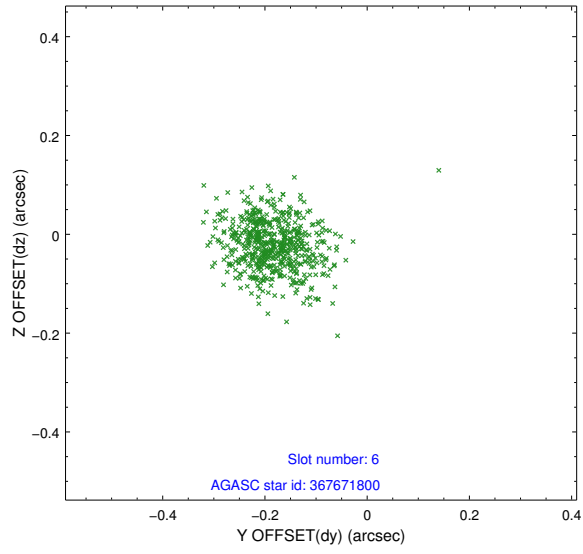
2.4.2 Slot 4



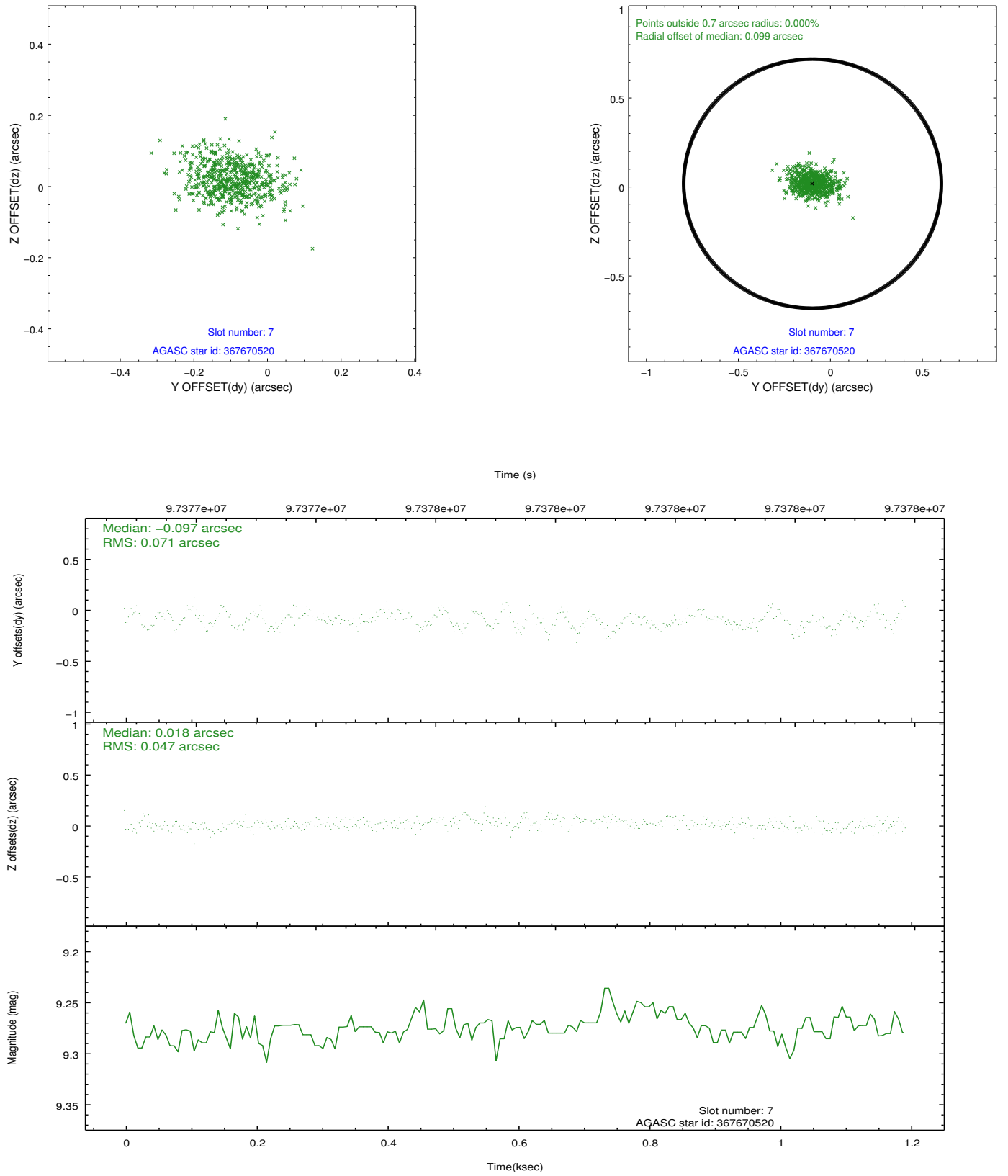
2.4.3 Slot 5



2.4.4 Slot 6

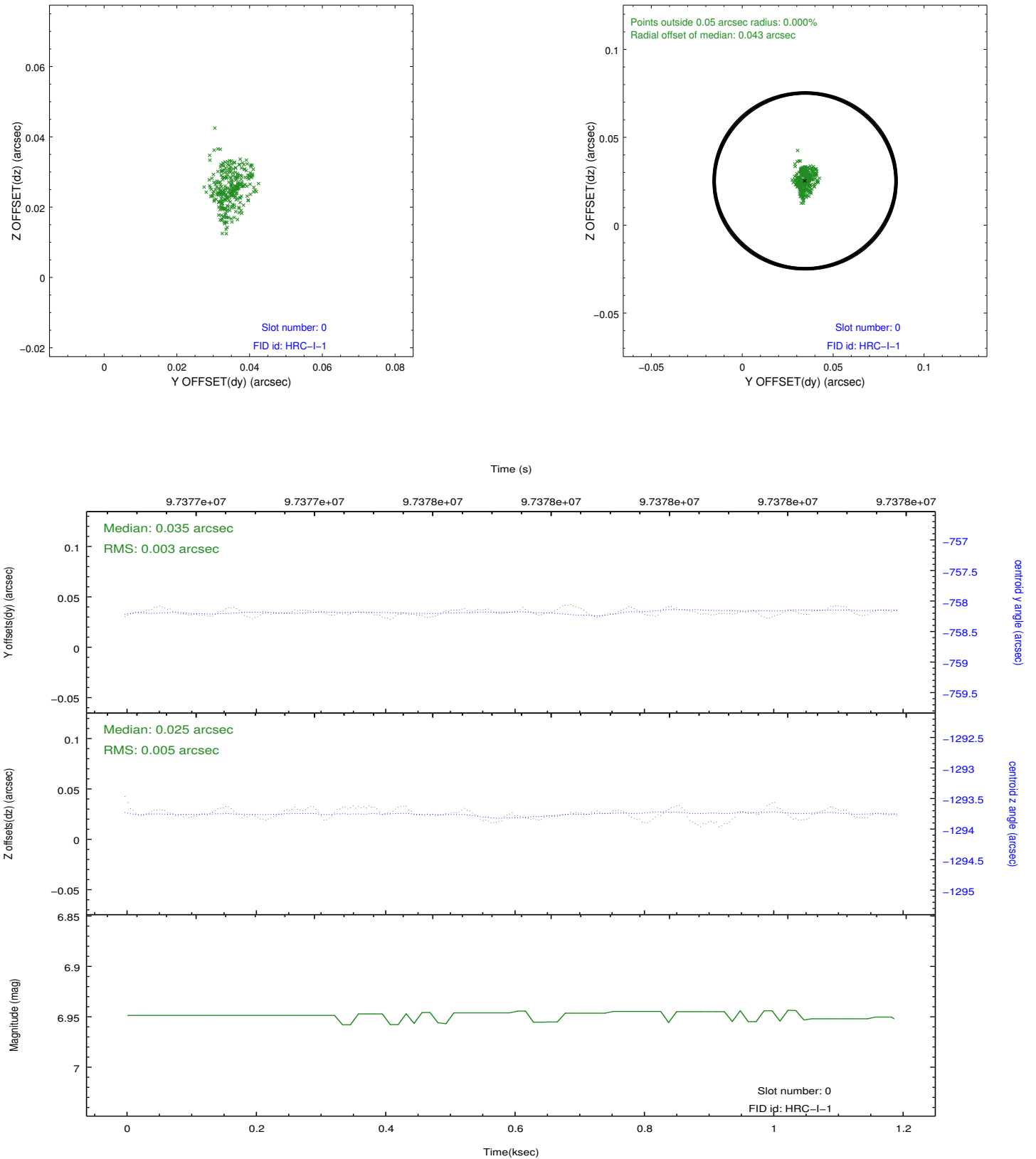


2.4.5 Slot 7

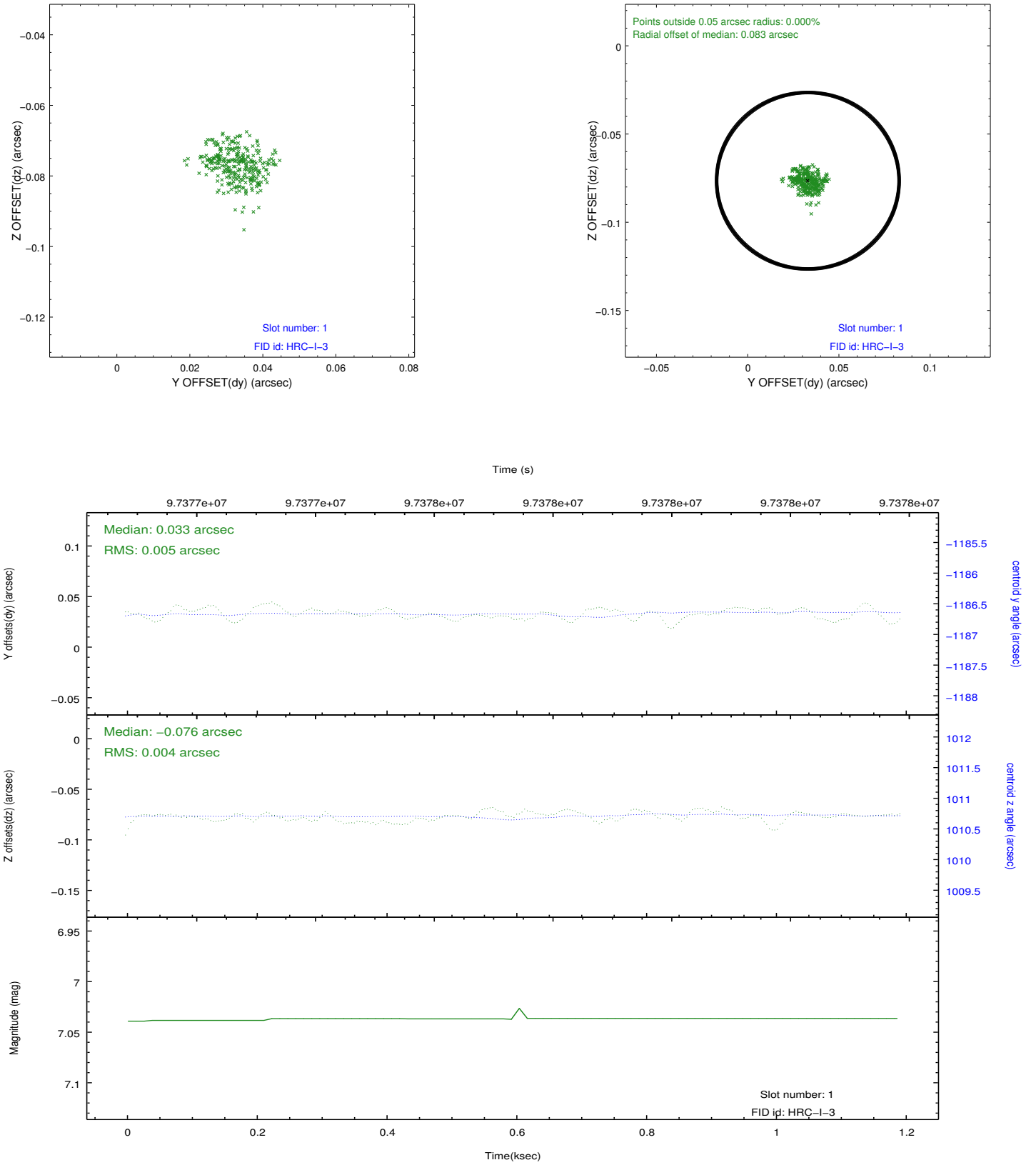


2.5 FID Slots

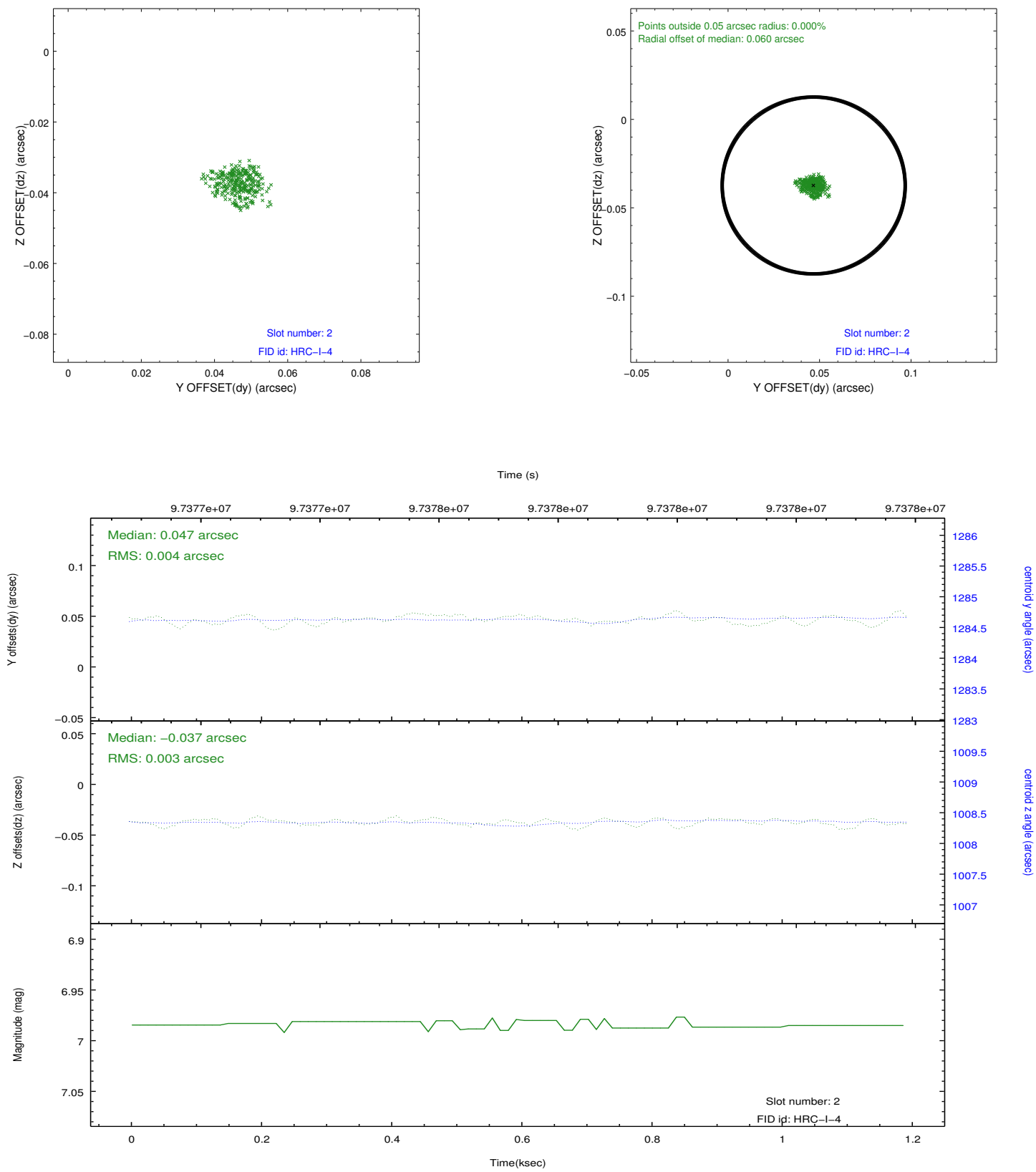
2.5.1 Slot 0



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.