

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8287 - L2 Version 4
Chandra X-Ray Center

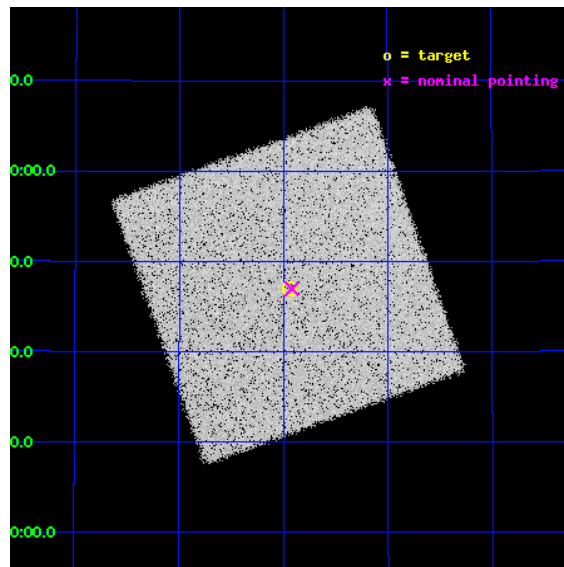
L2 Processing Date : Aug 11 2012

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1 Front

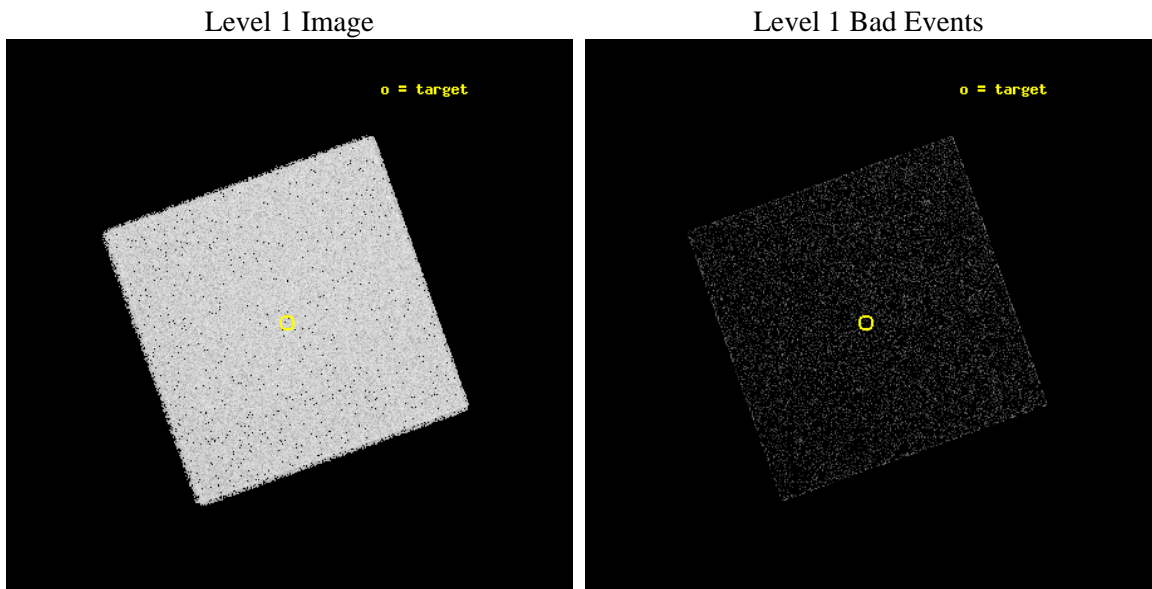
seq_num	290666	Sequence number
obs_id	8287	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.22975009964	Nominal RA [deg]
dec_nom	38.78320189716	Nominal Dec [deg]
roll_nom	205.31452343222	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2178.1251044869	[s]
liveltime	2155.9908957093	Ontime multiplied by DTCOR
l2events	128466	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2178.1251044869	[s]
caldbver	4.5.1.1	 	l1events	244692	Number of level 1 events
date	2012-08-11T23:47:11	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

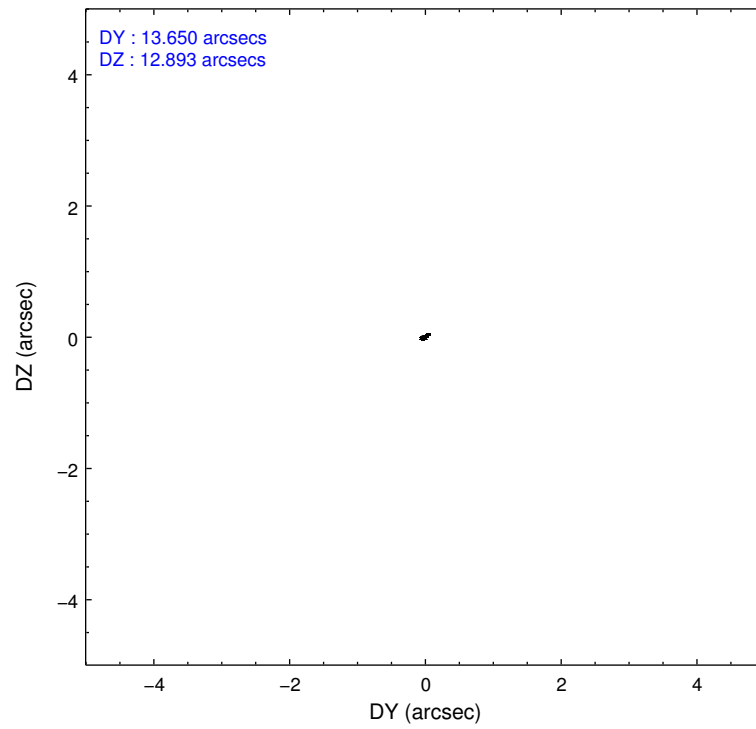
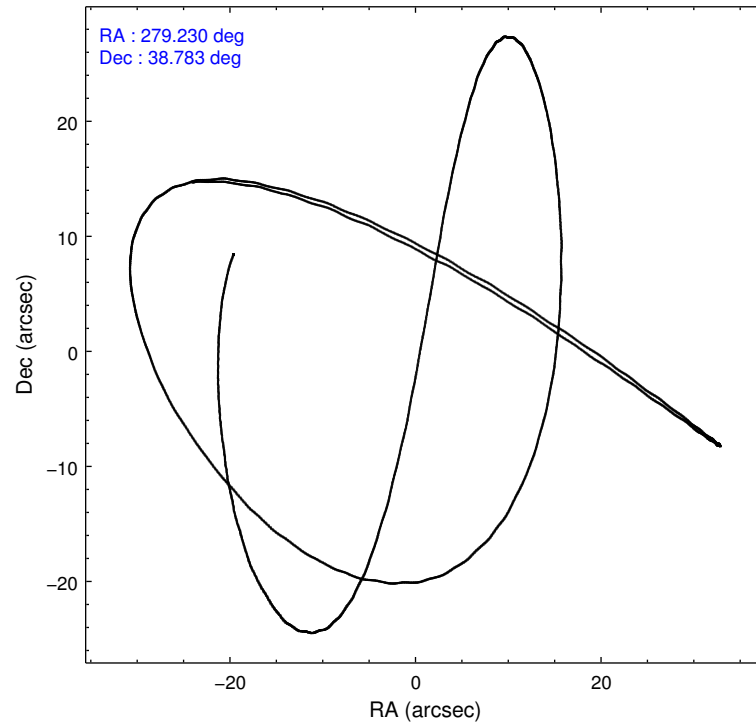
	segment 0
level 1 events	244692
rejected events	55565
rejected %	22%

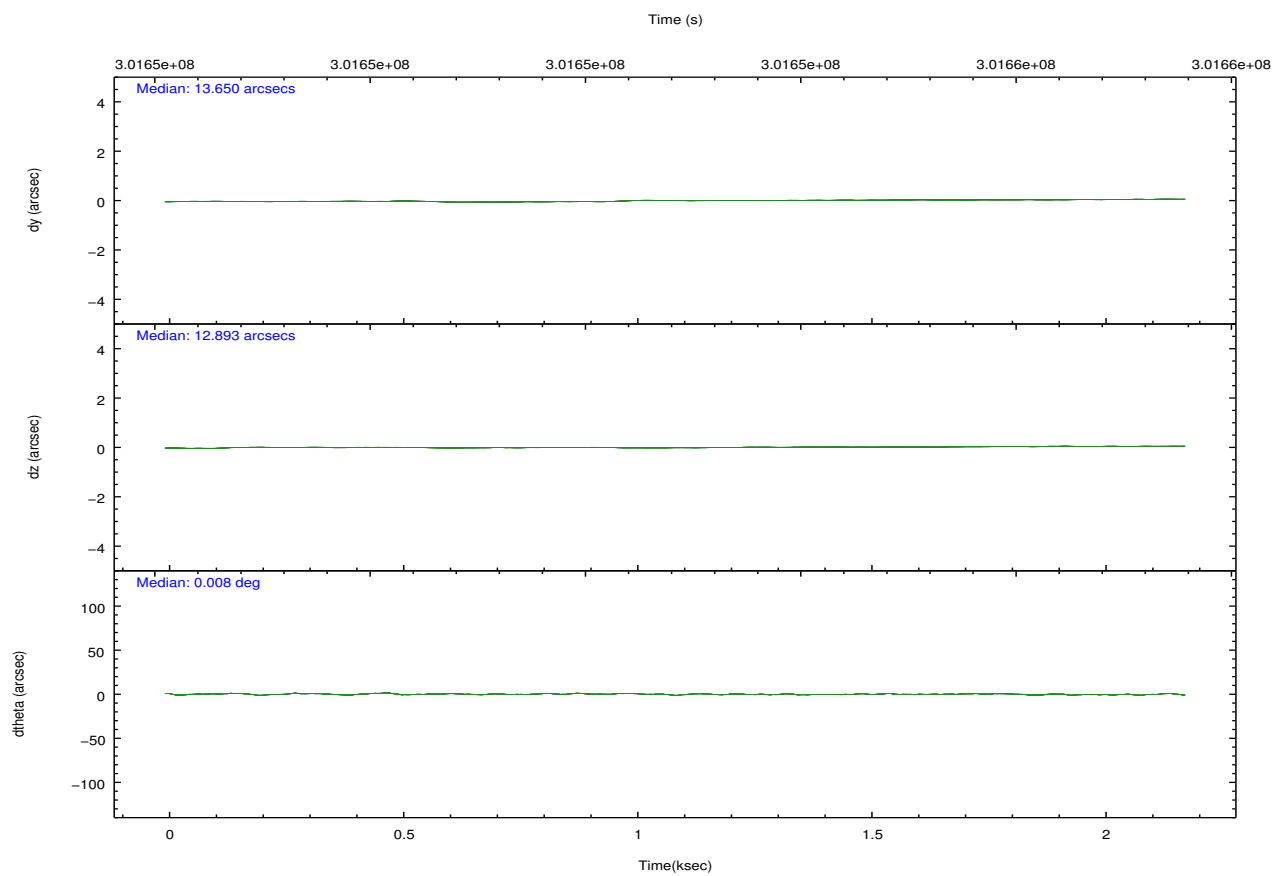
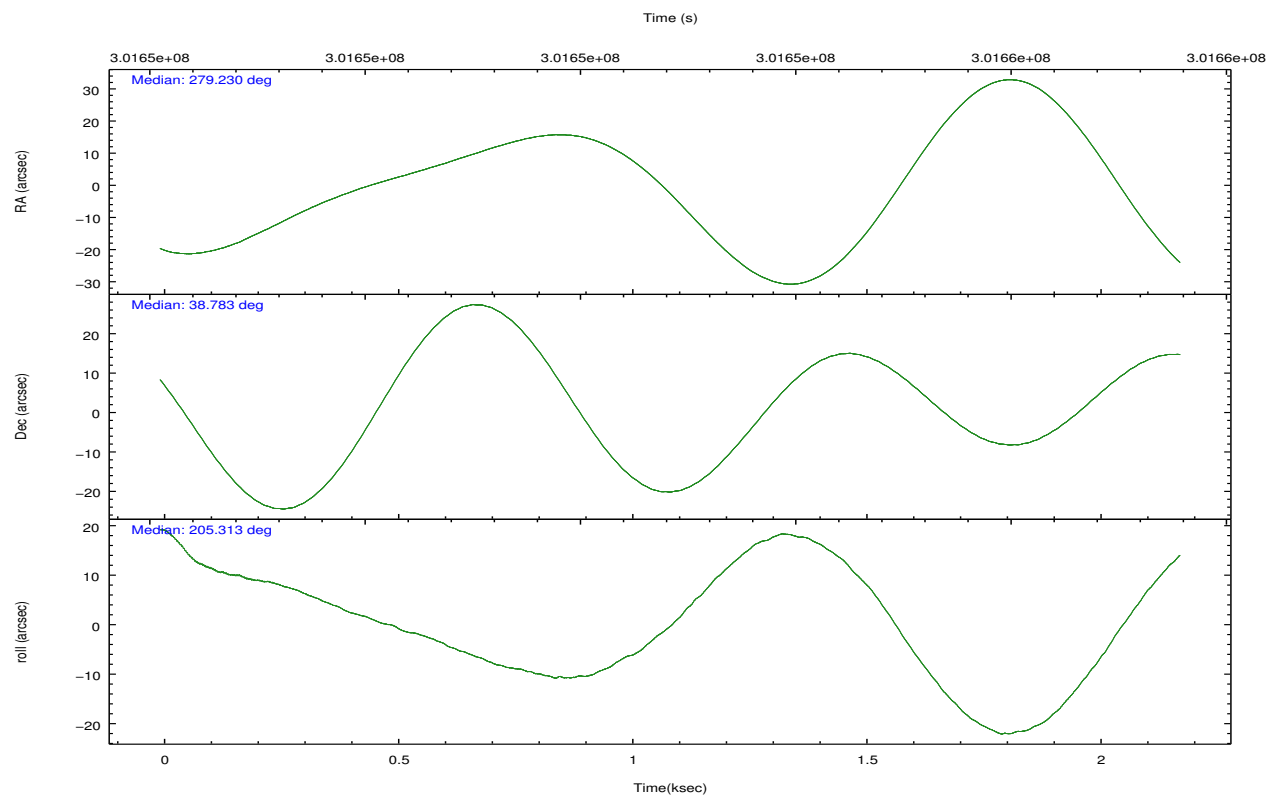
2.2 Compared Parameters

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	279.248775	279.2297500996373
[deg] Pointing Dec	38.806223	38.78320189715976
[deg] Pointing Roll	205.398085	205.3145234322207
[s] Window start time (MET)	297043265.184000	297043265.184000
[s] Window stop time (MET)	304905665.184000	304905665.184000
[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)	301653289.184000	301652877.25896
Observation start date	2007-07-24T08:33:44	2007-07-24T08:27:57
[s] Observation end time (MET)	301655289.184000	301655842.58411
Observation end date	2007-07-24T09:07:04	2007-07-24T09:17:22

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

2.3 Aspect



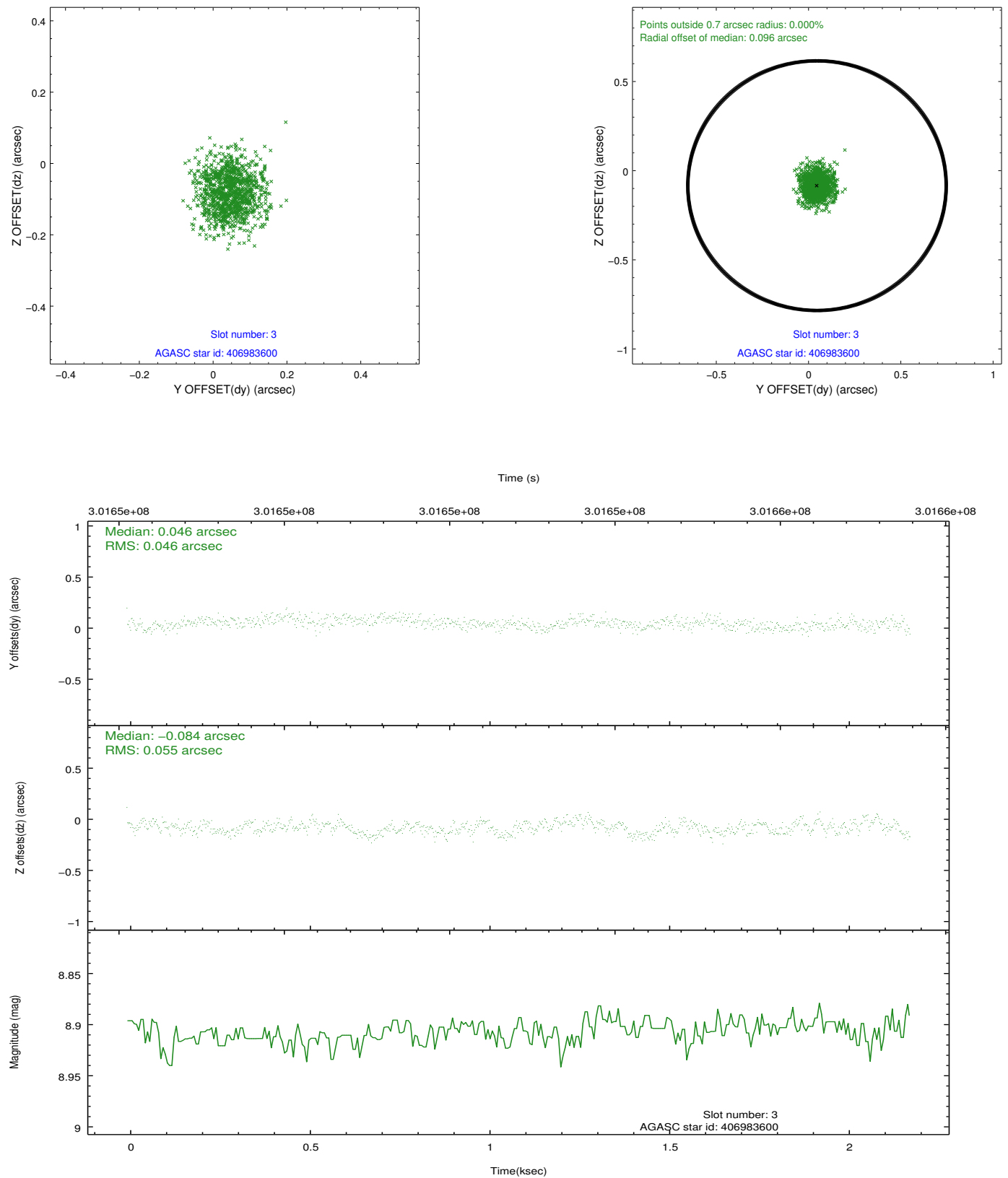


Slot Statistics

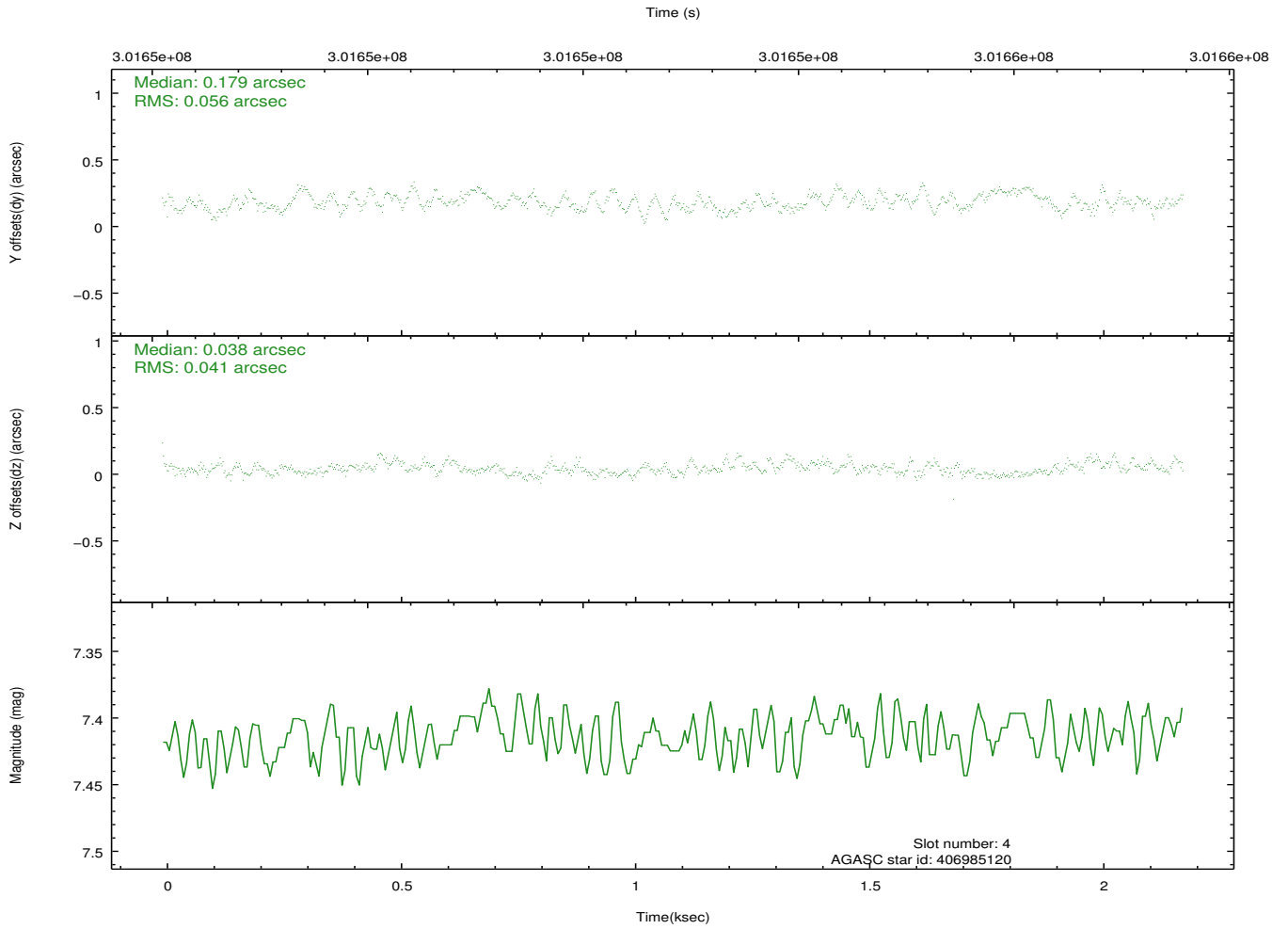
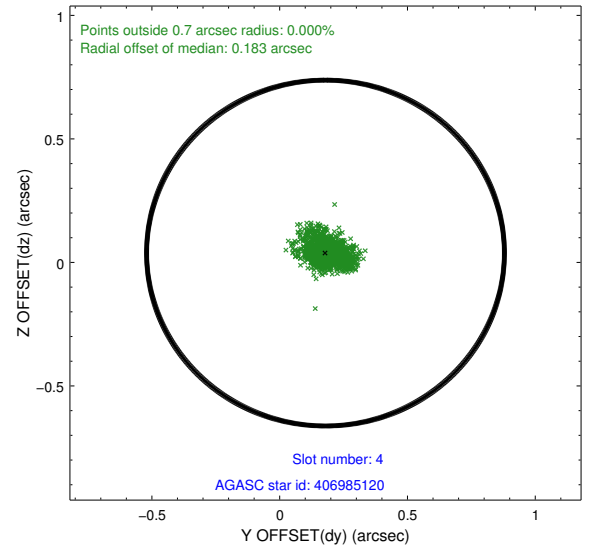
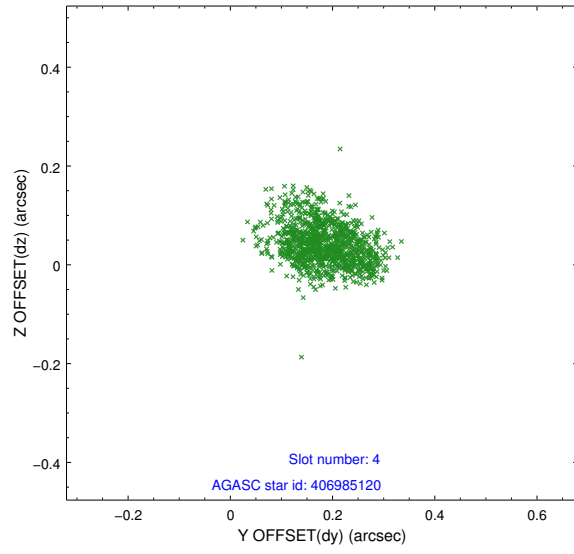
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	532	-0.054	0.037	0.007	0.010	0.000000	0.000000	-769.46	-1300.93
1	FID	HRC-I-2	7.01	532	0.231	-0.156	0.006	0.010	0.000000	0.000000	842.01	-1305.14
2	FID	HRC-I-3	7.06	532	-0.058	0.030	0.005	0.009	0.000000	0.000000	-1196.37	1001.17
3	GUIDE	406983600	8.91	1064	0.046	-0.084	0.075	0.123	279.940957	39.020708	-2083.27	125.91
4	GUIDE	406985120	7.41	1064	0.179	0.038	0.073	0.117	278.839732	38.894839	895.85	-782.91
5	GUIDE	406993992	7.62	1064	-0.047	-0.039	0.062	0.103	279.053714	38.034587	1691.63	2270.21
6	GUIDE	407521232	8.63	1064	0.068	0.184	0.080	0.126	279.628883	39.431715	-1919.66	-1581.62
7	GUIDE	406987272	6.96	1063	-0.253	-0.096	0.047	0.072	278.536588	38.437504	2378.30	327.70

2.4 Star Slots

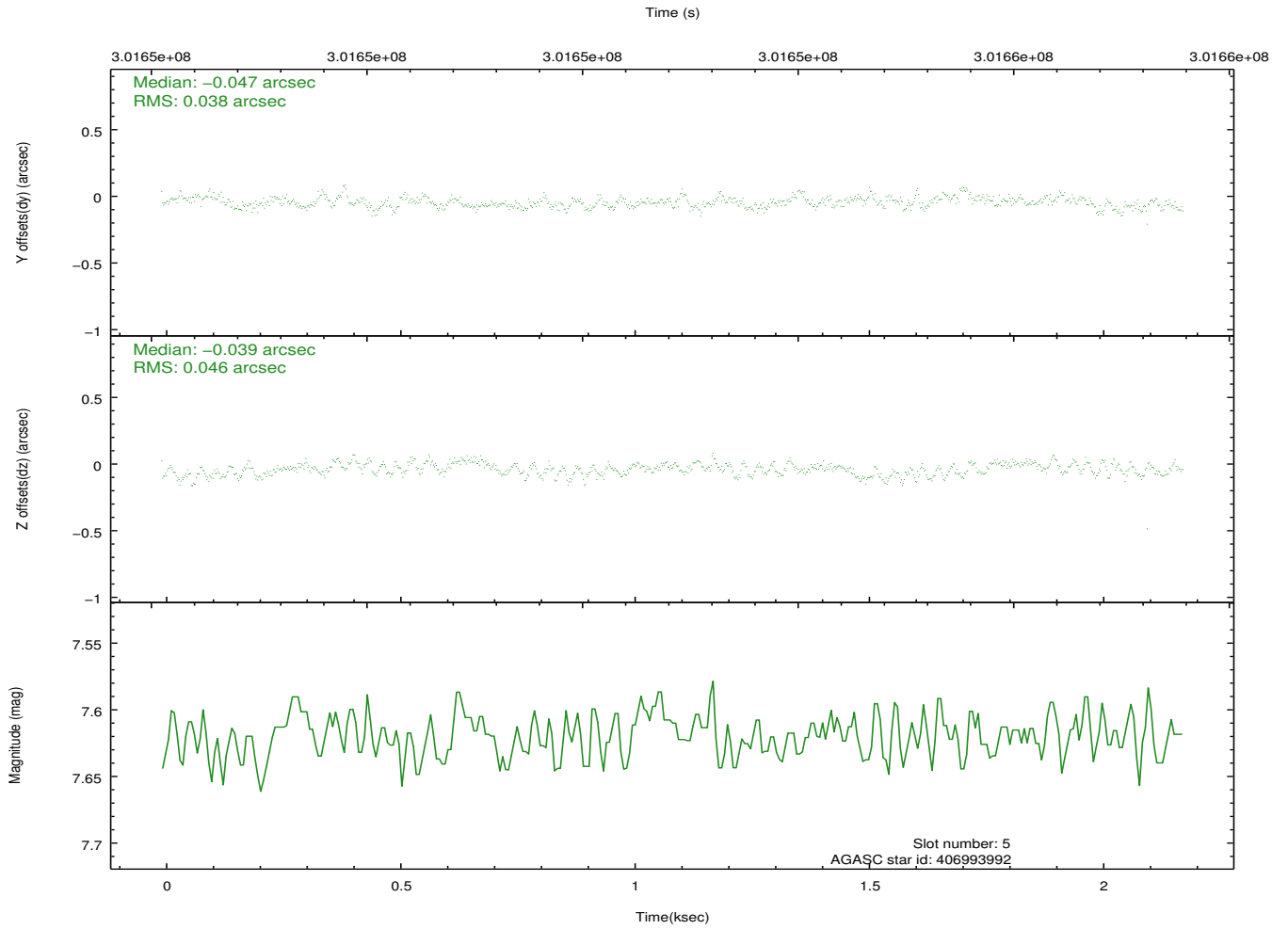
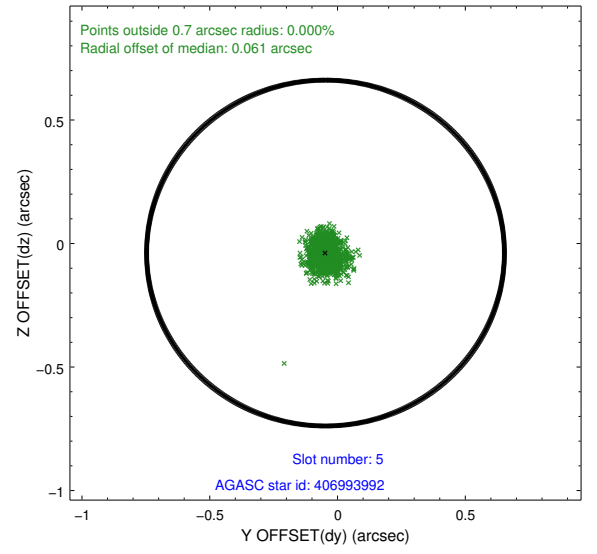
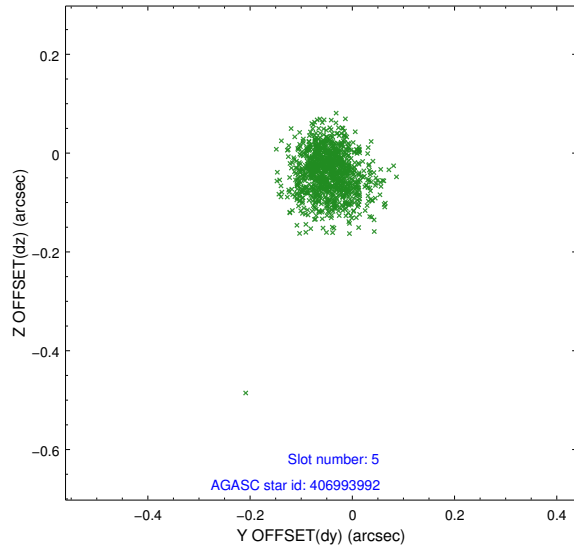
2.4.1 Slot 3



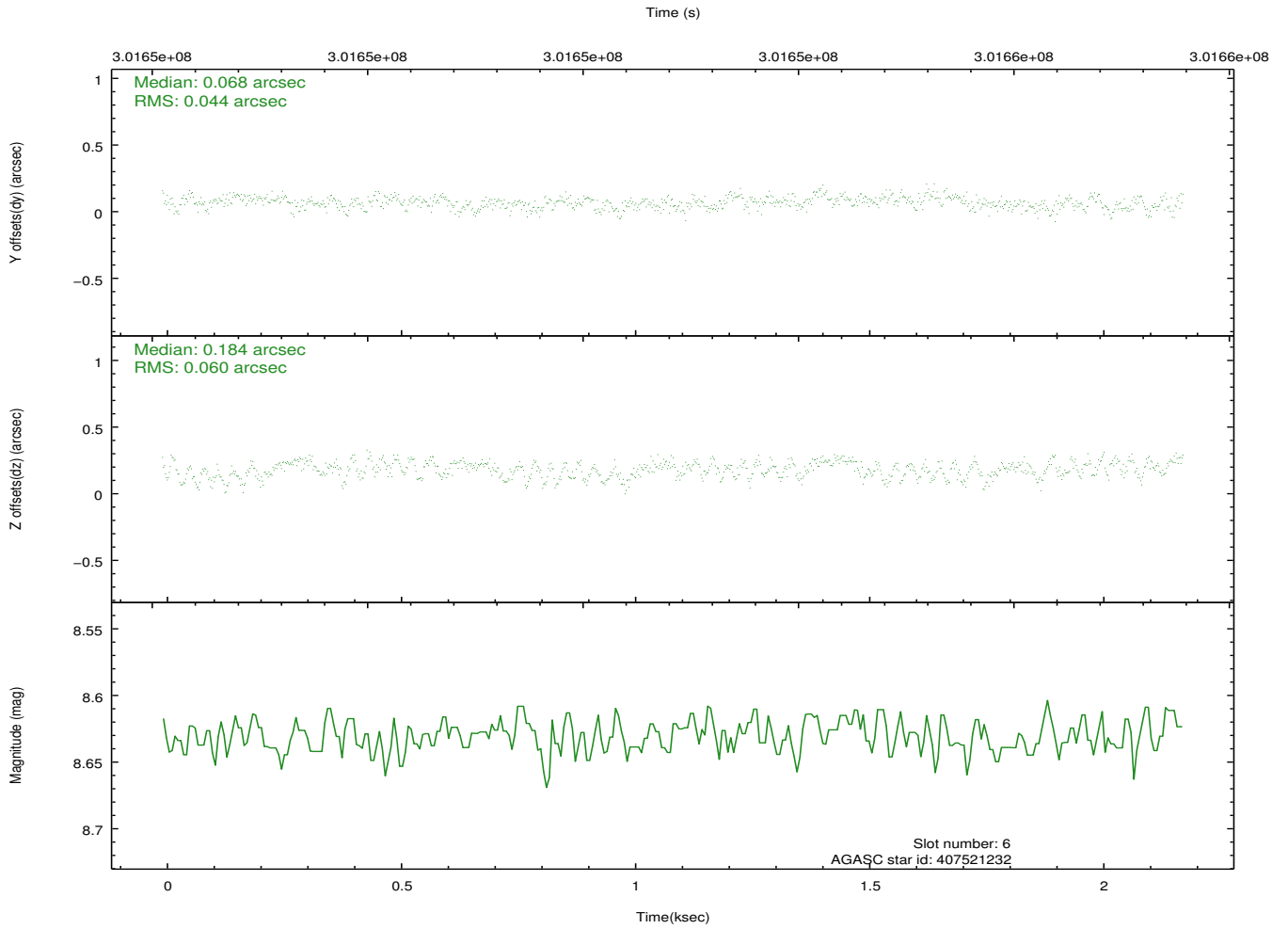
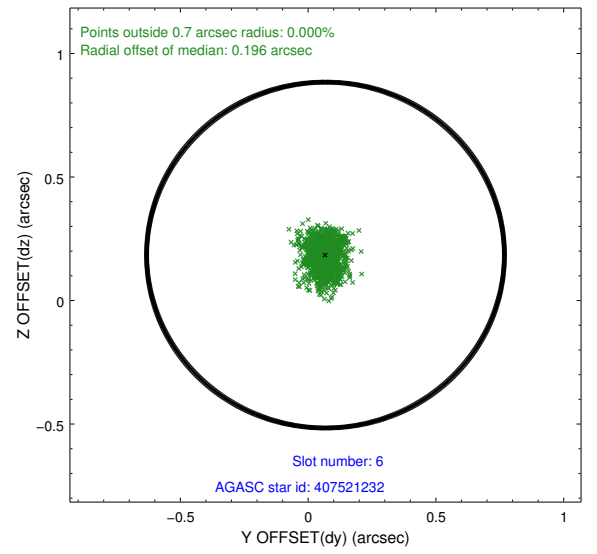
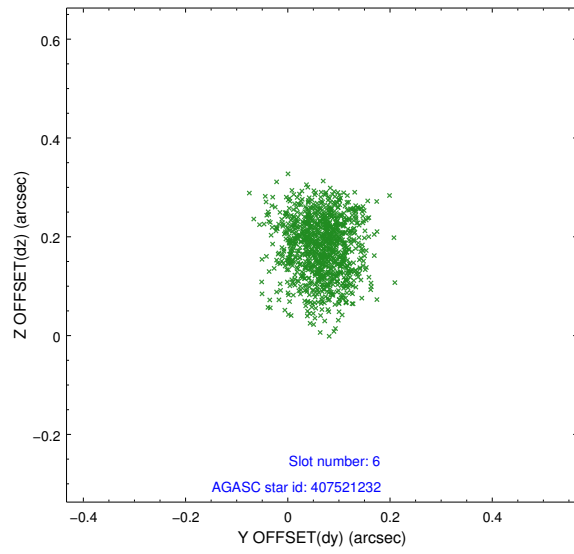
2.4.2 Slot 4



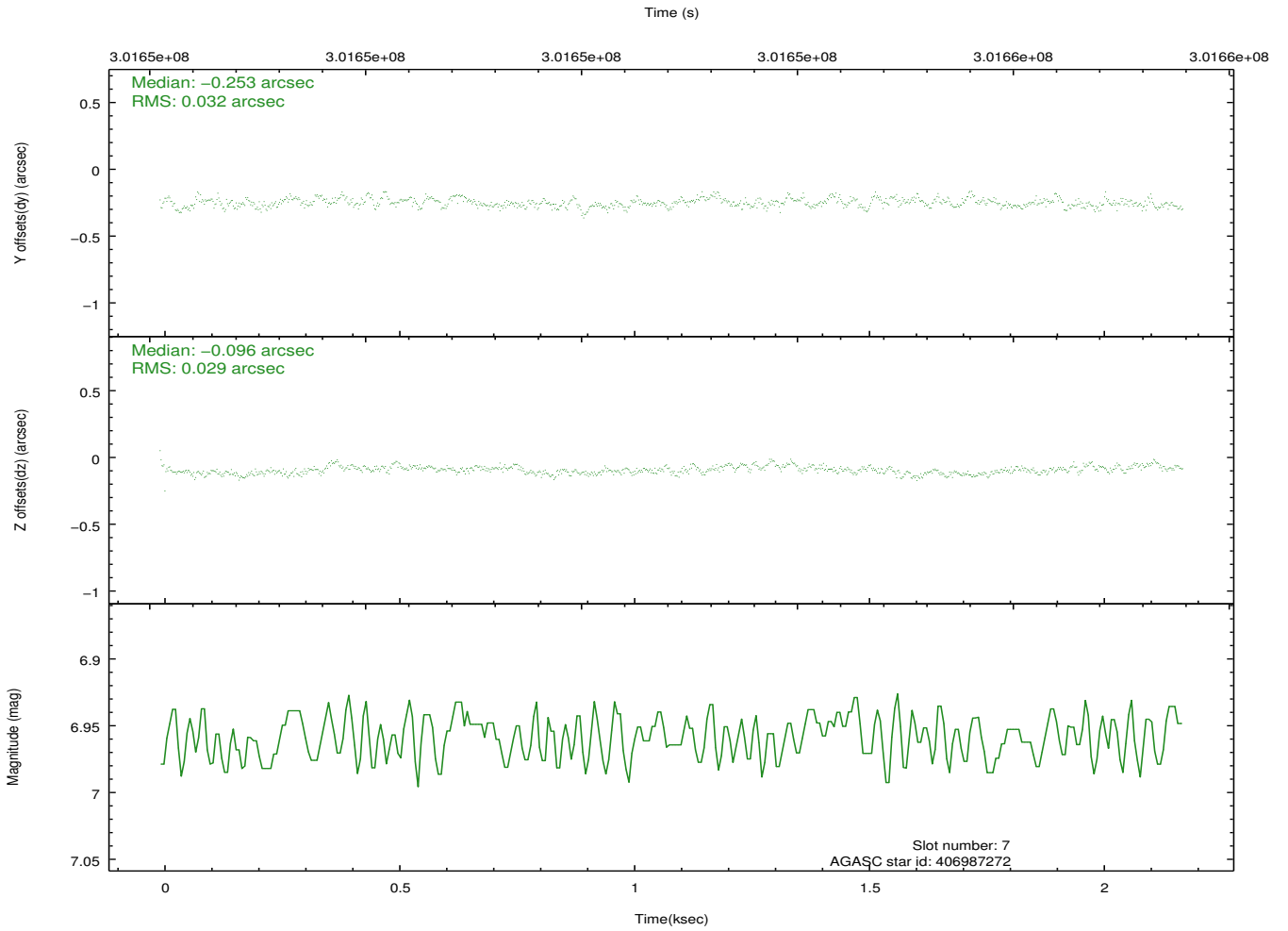
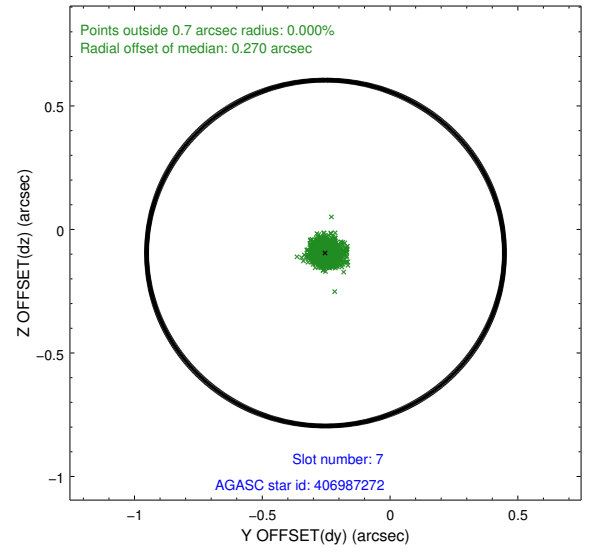
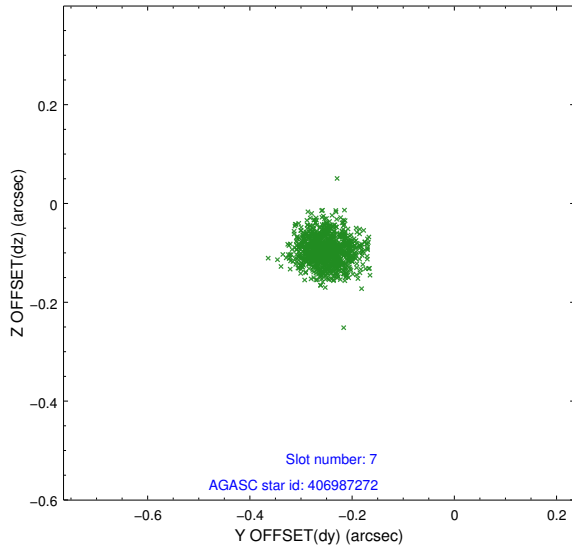
2.4.3 Slot 5



2.4.4 Slot 6

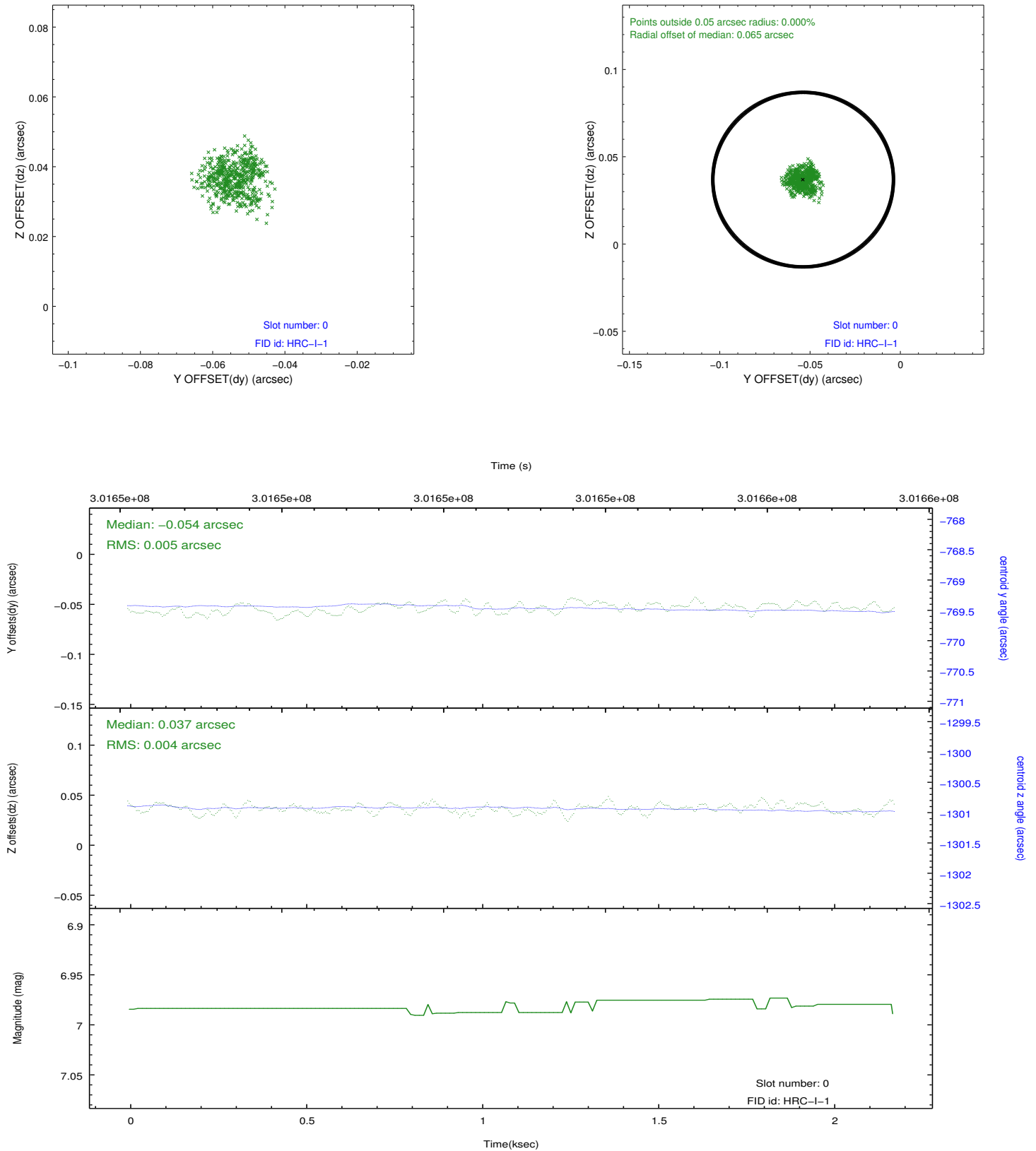


2.4.5 Slot 7

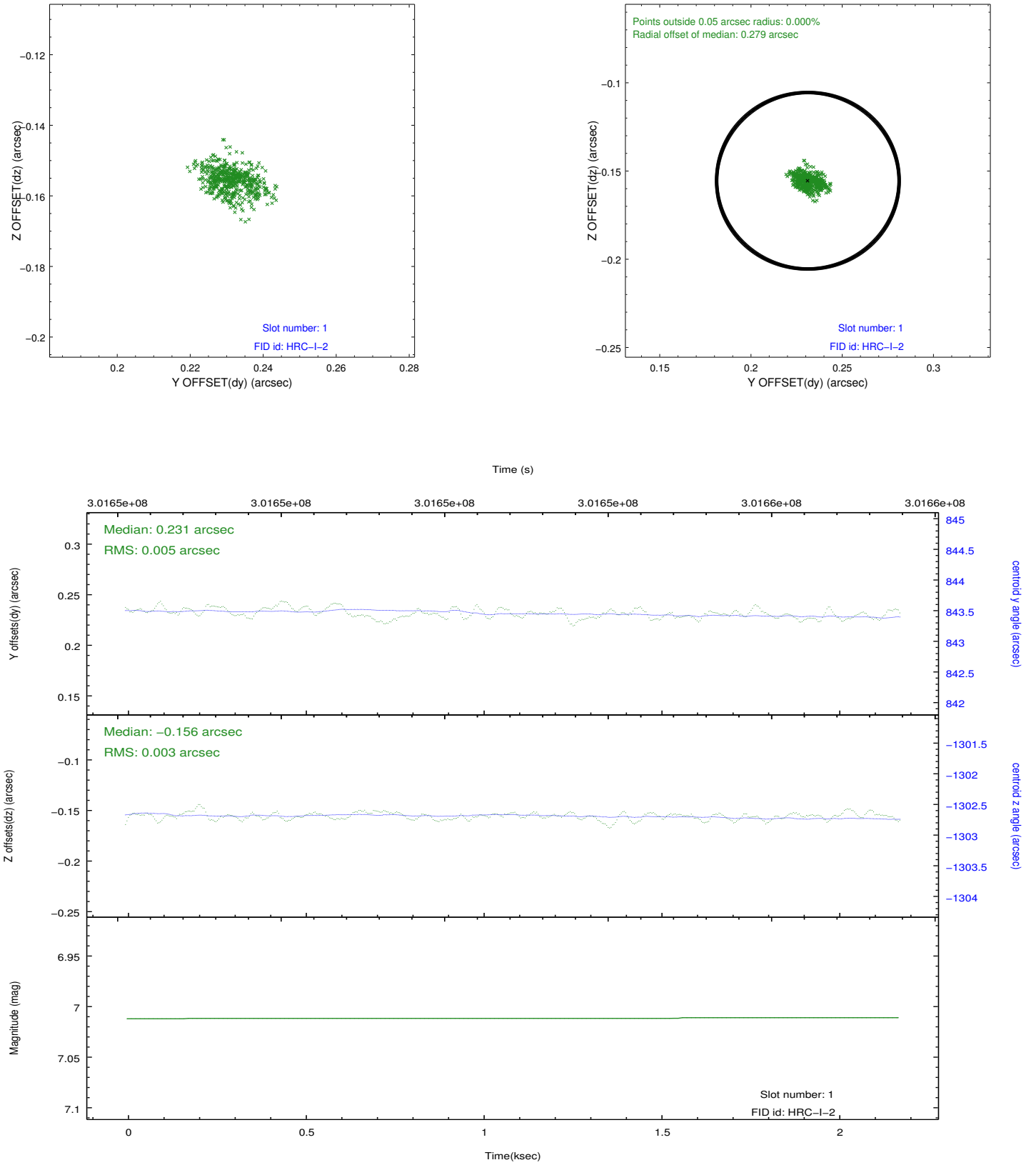


2.5 FID Slots

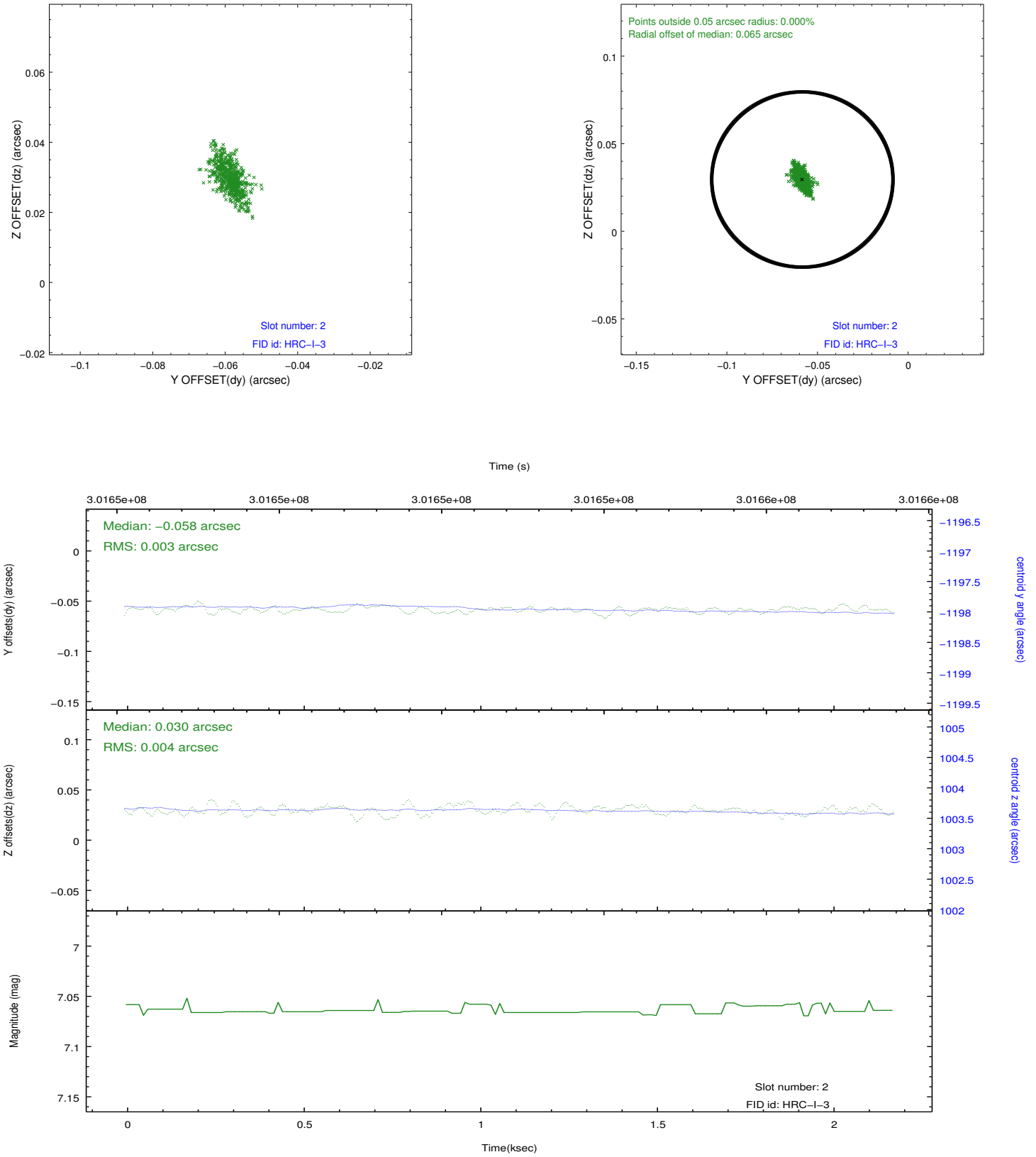
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1781251

A.2 Comments

Window constraint met.