

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7497 - L2 Version 4
Chandra X-Ray Center

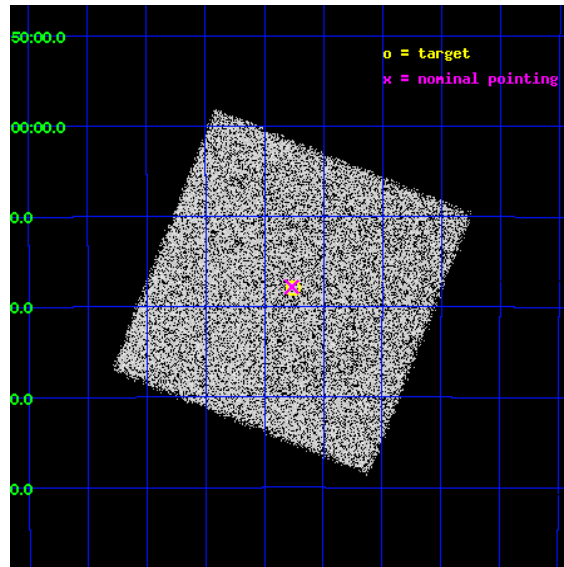
L2 Processing Date : Aug 11 2012

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1 Front

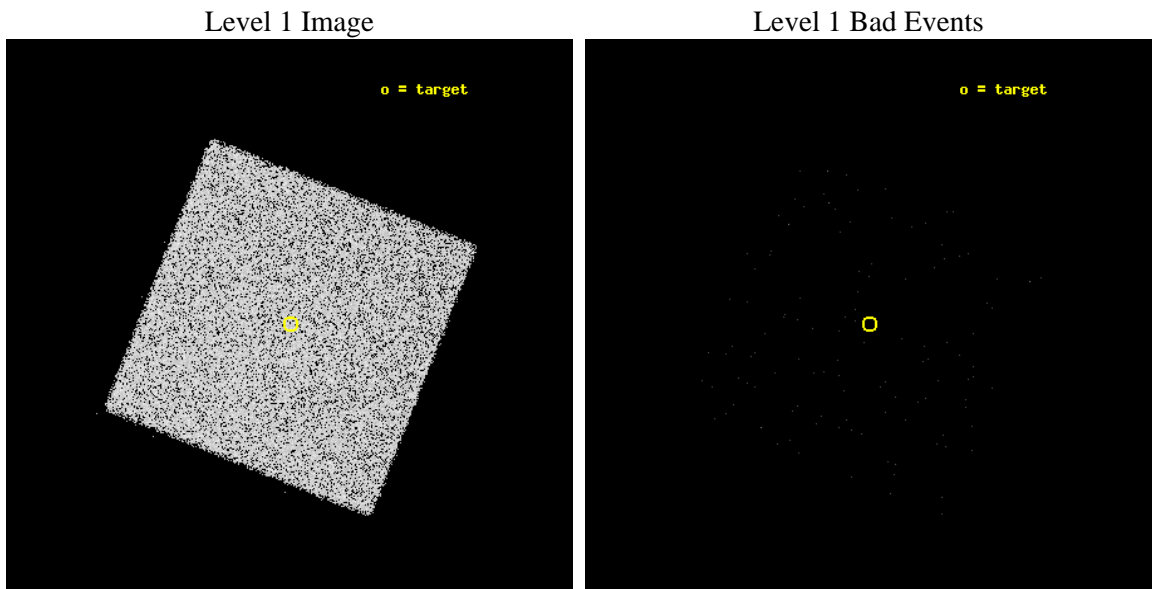
seq_num	400607	Sequence number
obs_id	7497	Observation id
title	Precise Localization of Neutron Star Soft X-ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	IGR J17191-2821	Source name
ra_targ	259.813058	Observer's specified target RA [deg]
dec_targ	-28.29919	Observer's specified target Dec [deg]
ra_nom	259.81678779191	Nominal RA [deg]
dec_nom	-28.296510099259	Nominal Dec [deg]
roll_nom	66.818918197763	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1126.4750538468	[s]
livetime	1115.6259910008	Ontime multiplied by DTCOR
l2events	61753	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	1126.4750538468	[s]
caldbver	4.5.1.1	 	l1events	188582	Number of level 1 events
date	2012-08-11T21:16:36	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

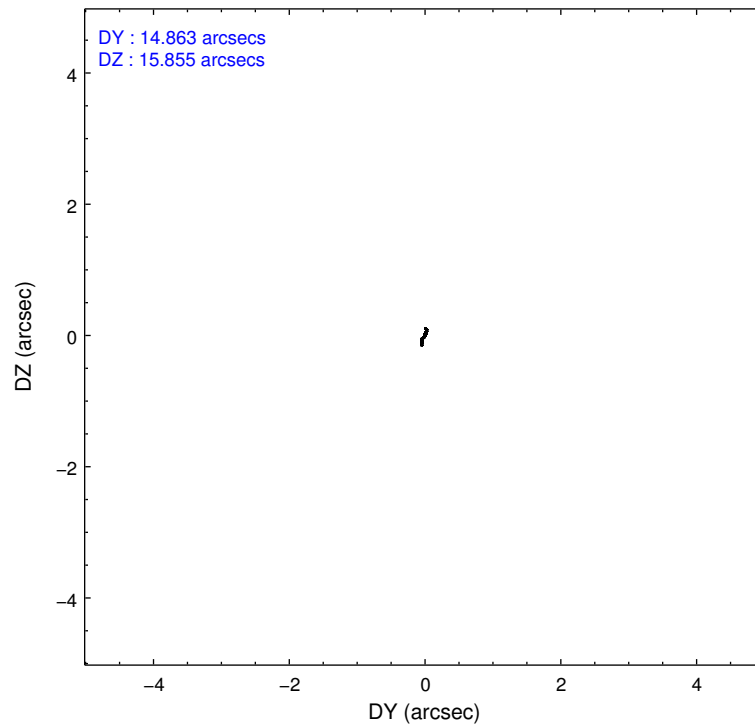
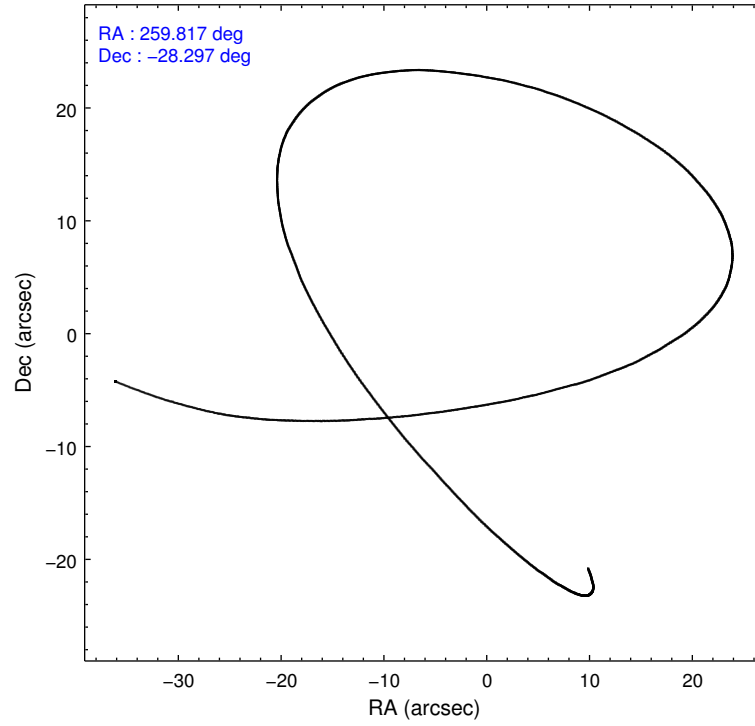
Level 1 Events

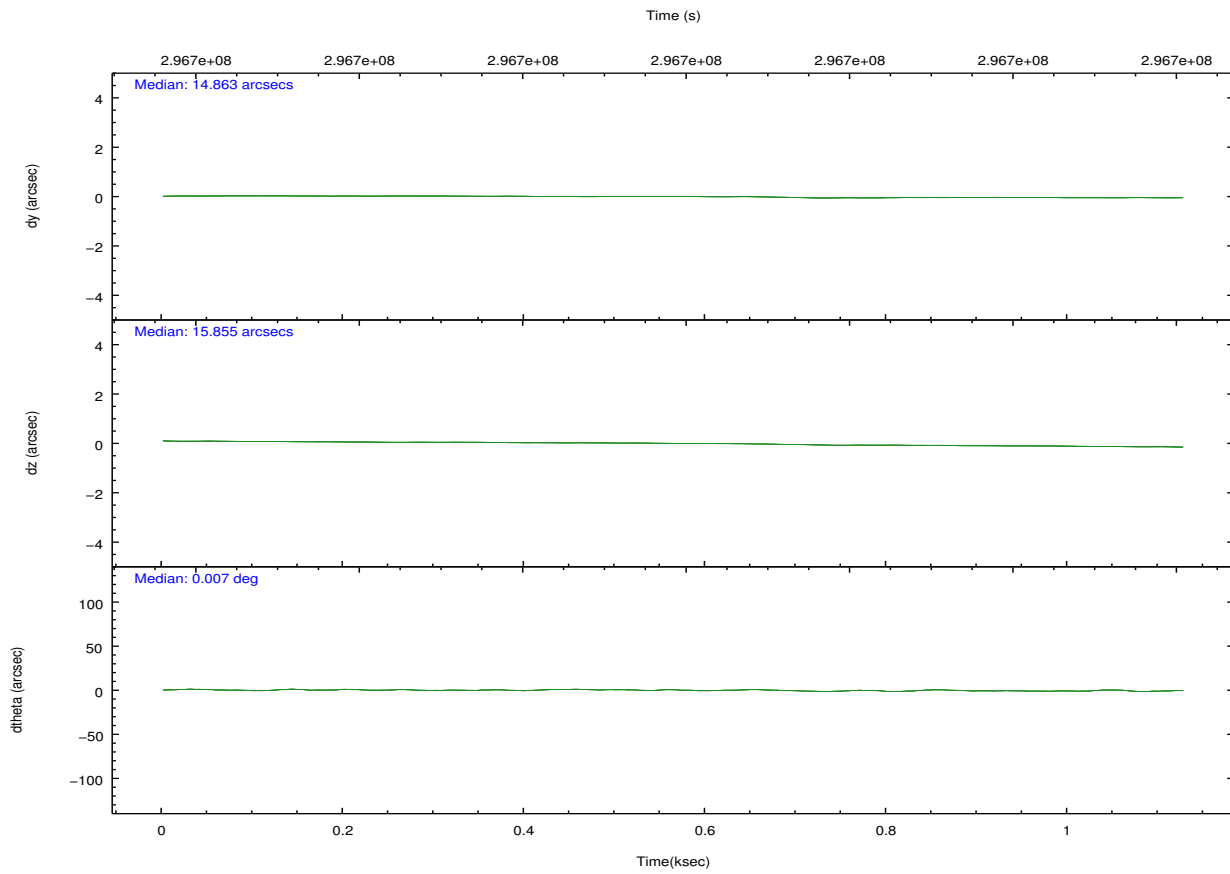
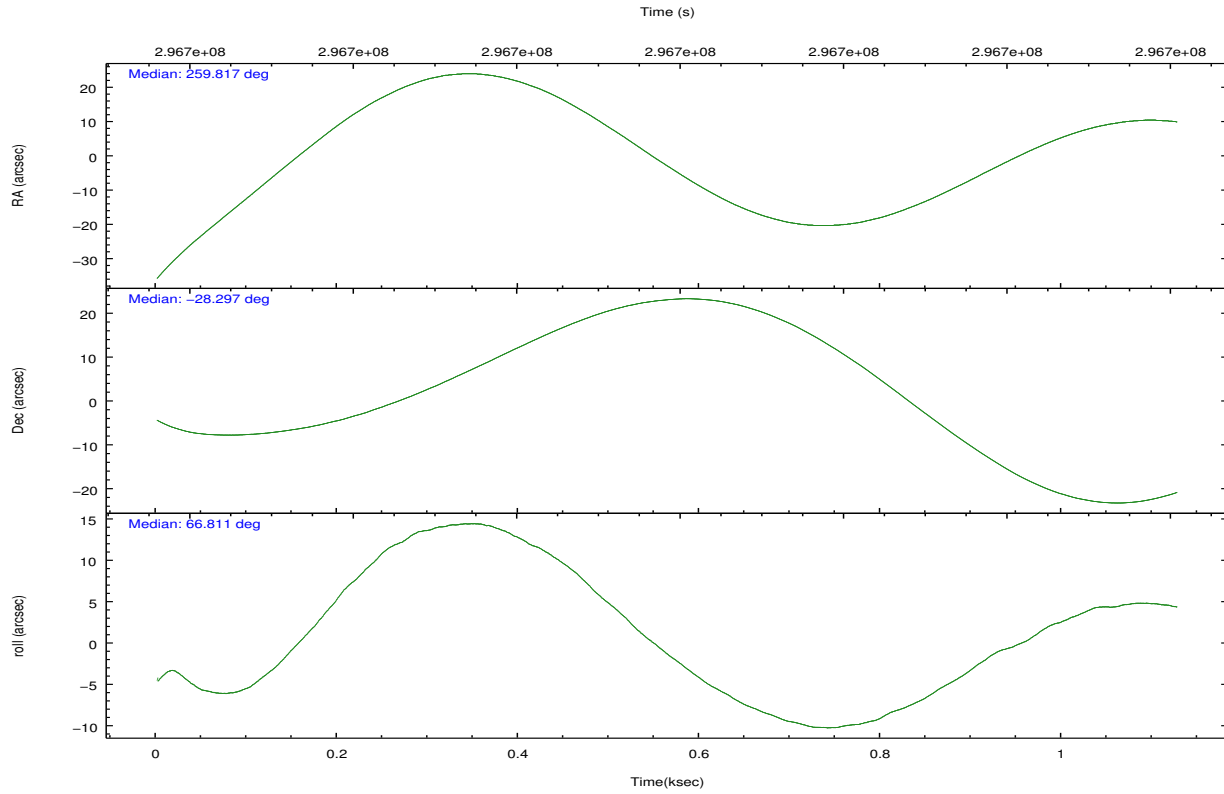
	segment 0
level 1 events	188582
rejected events	96910
rejected %	51%

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	259.820823	259.8167877919092			
[deg] Pointing Dec	-28.323116	-28.29651009925933			
[deg] Pointing Roll	66.916179	66.81891819776278			
[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)	296697152.184000	296695877.08423			
Observation start date	2007-05-27T23:51:27	2007-05-27T23:31:17			
[s] Observation end time (MET)	296698152.184000	296698804.99687			
Observation end date	2007-05-28T00:08:07	2007-05-28T00:20:04			

2.3 Aspect



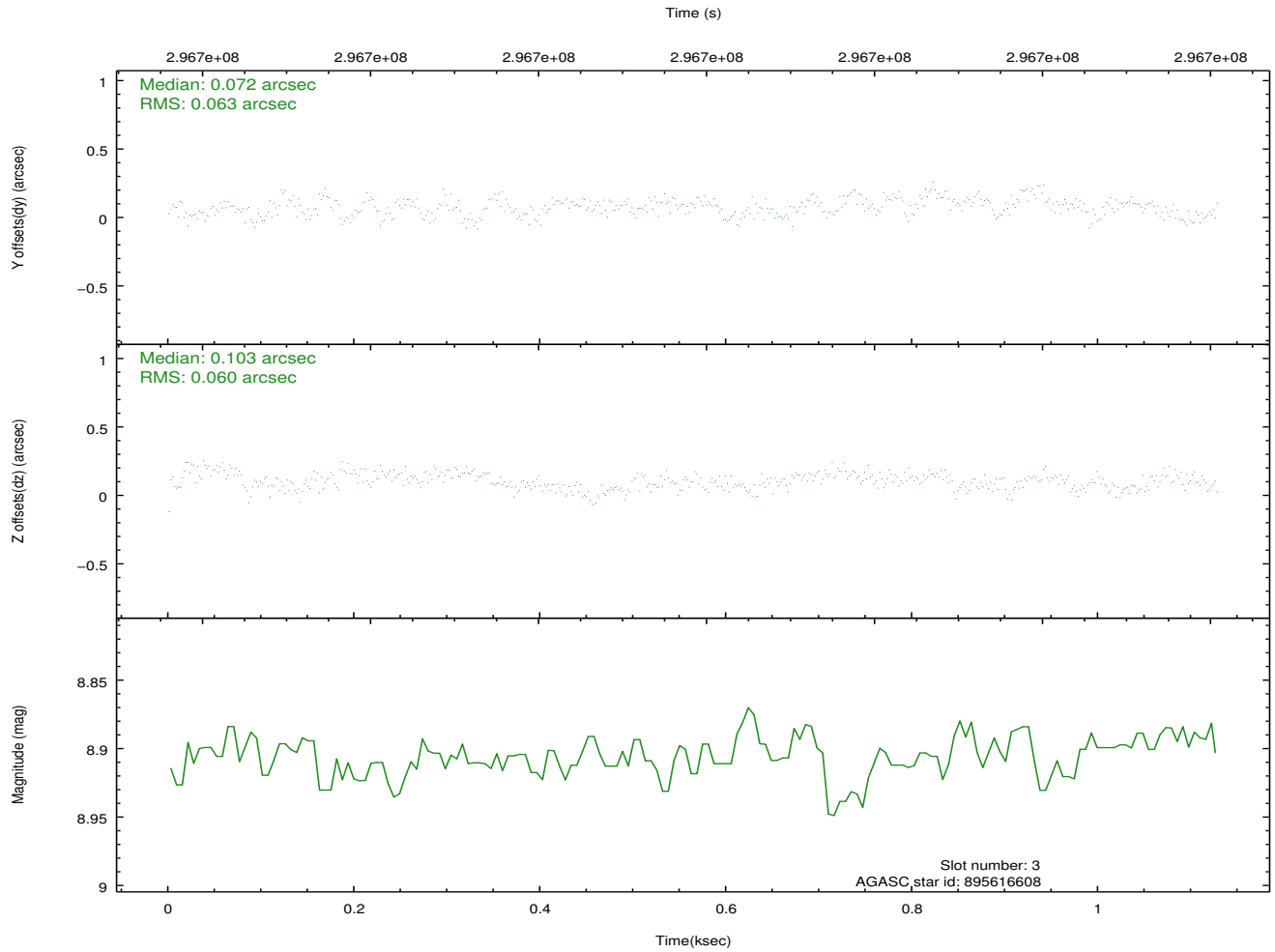
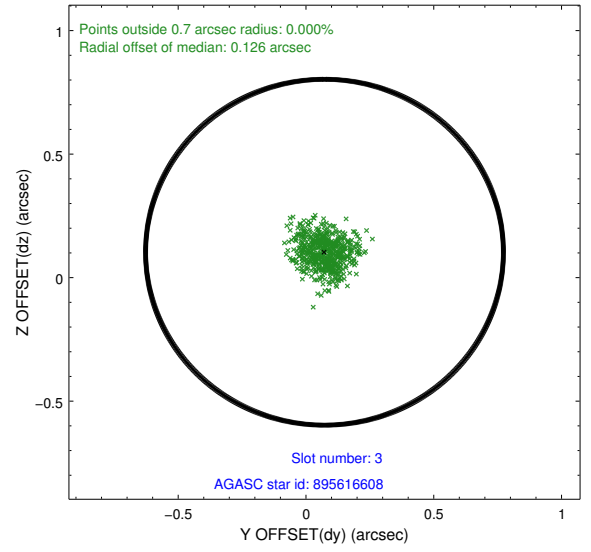
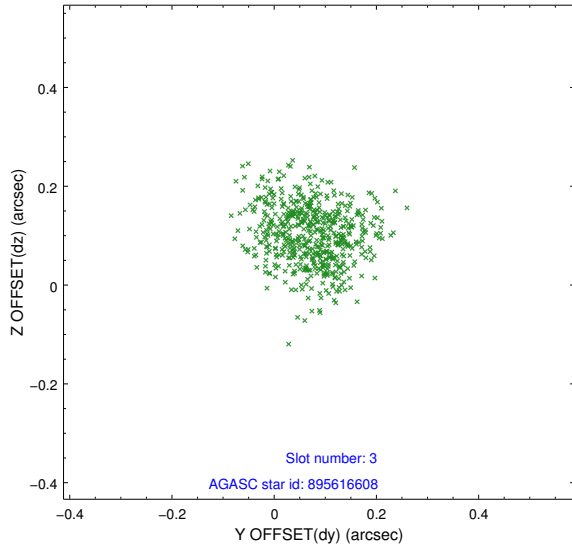


Slot Statistics

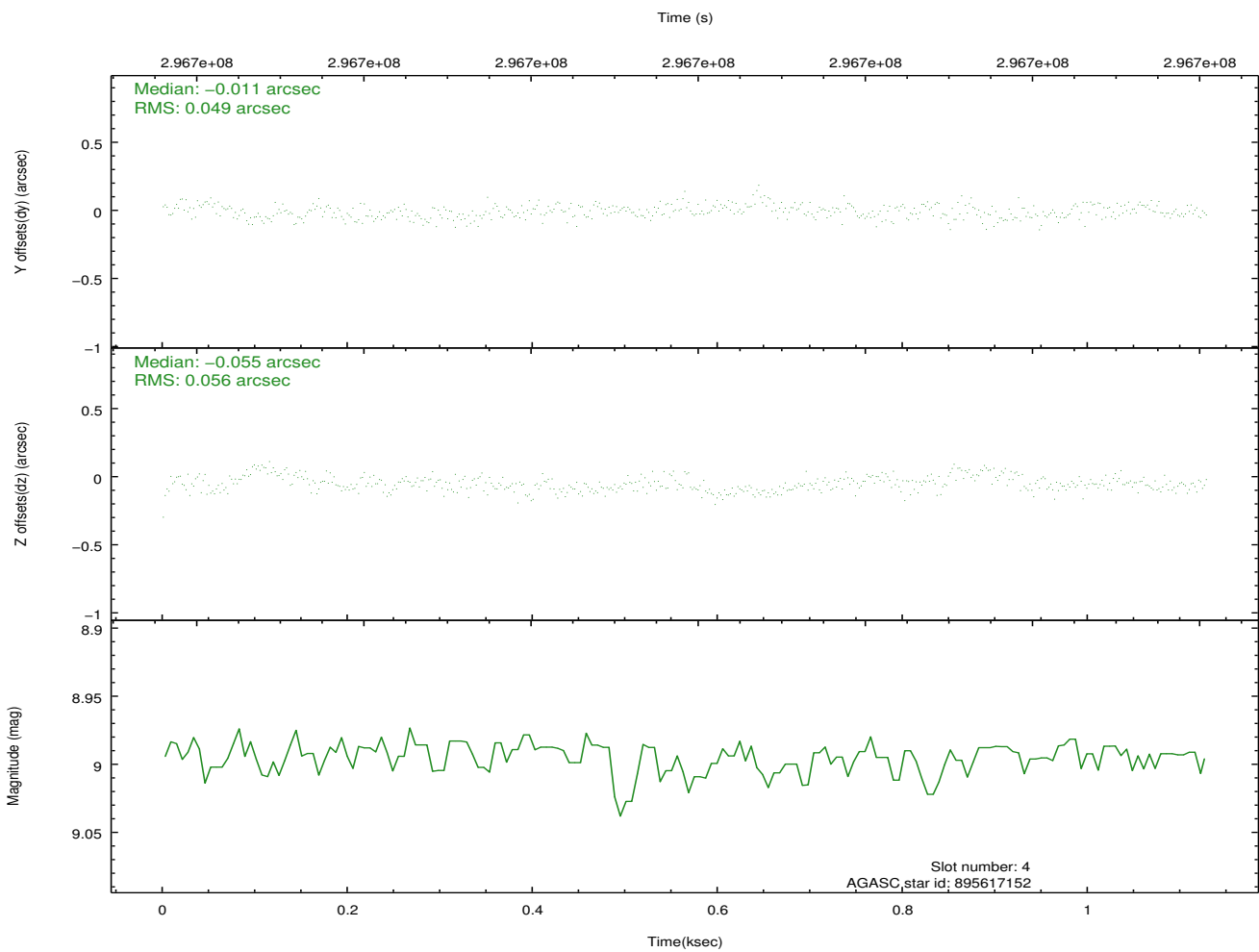
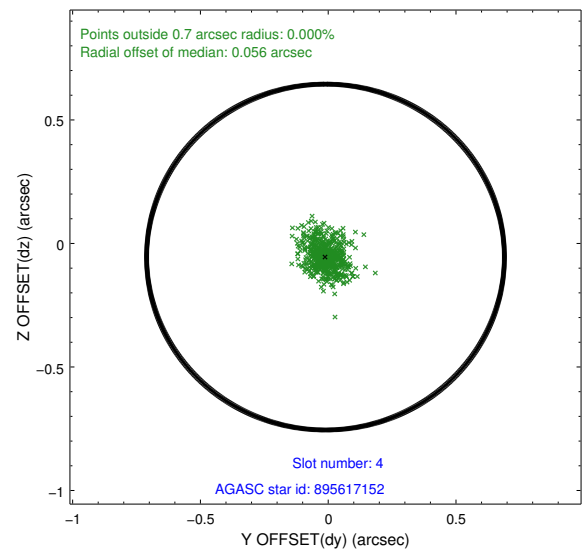
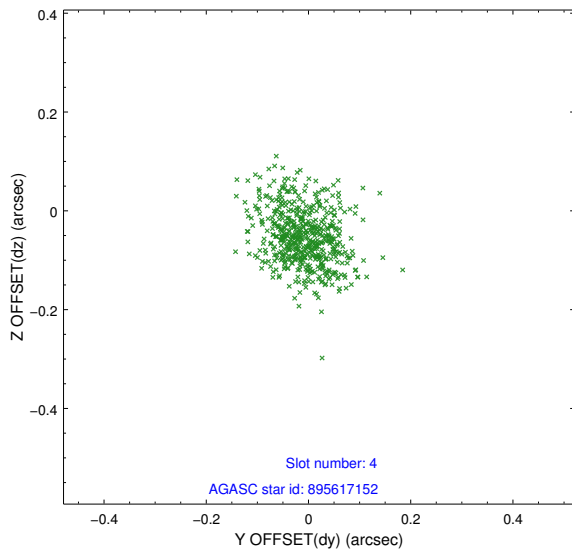
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	275	-0.081	-0.012	0.006	0.010	0.000000	0.000000	-770.68	-1303.98
1	FID	HRC-I-2	7.05	275	0.210	-0.091	0.006	0.009	0.000000	0.000000	839.44	-1310.32
2	FID	HRC-I-3	7.10	276	-0.010	0.014	0.005	0.009	0.000000	0.000000	-1196.14	995.84
3	GUIDE	895616608	8.90	551	0.072	0.103	0.094	0.146	260.570146	-28.002203	1991.14	-1739.35
4	GUIDE	895617152	8.99	551	-0.011	-0.055	0.079	0.129	260.031297	-27.773123	2088.30	157.71
5	GUIDE	896141624	8.34	550	0.035	0.159	0.067	0.101	259.763928	-28.643315	-1126.15	-284.99
6	GUIDE	893912408	7.98	551	-0.141	-0.133	0.072	0.110	259.364983	-27.766892	1268.77	2120.71
7	GUIDE	893911616	8.86	550	0.041	-0.068	0.094	0.150	259.473848	-27.770087	1399.75	1802.02

2.4 Star Slots

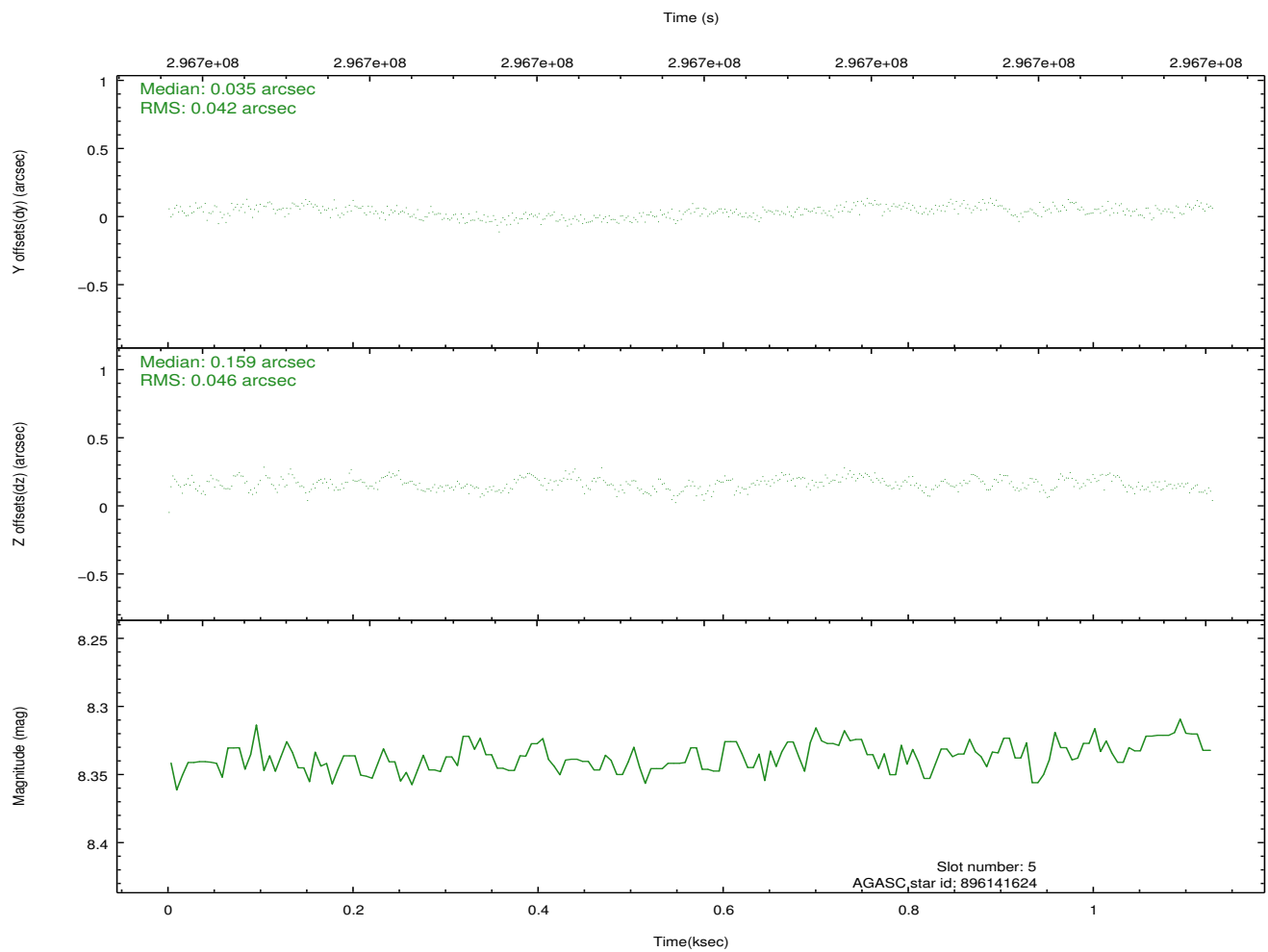
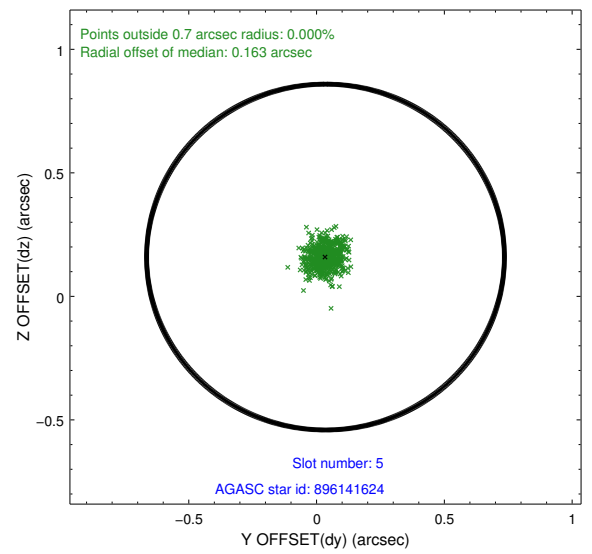
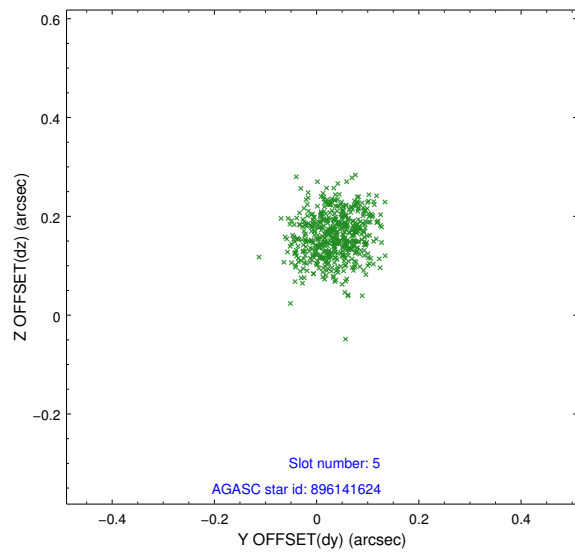
2.4.1 Slot 3



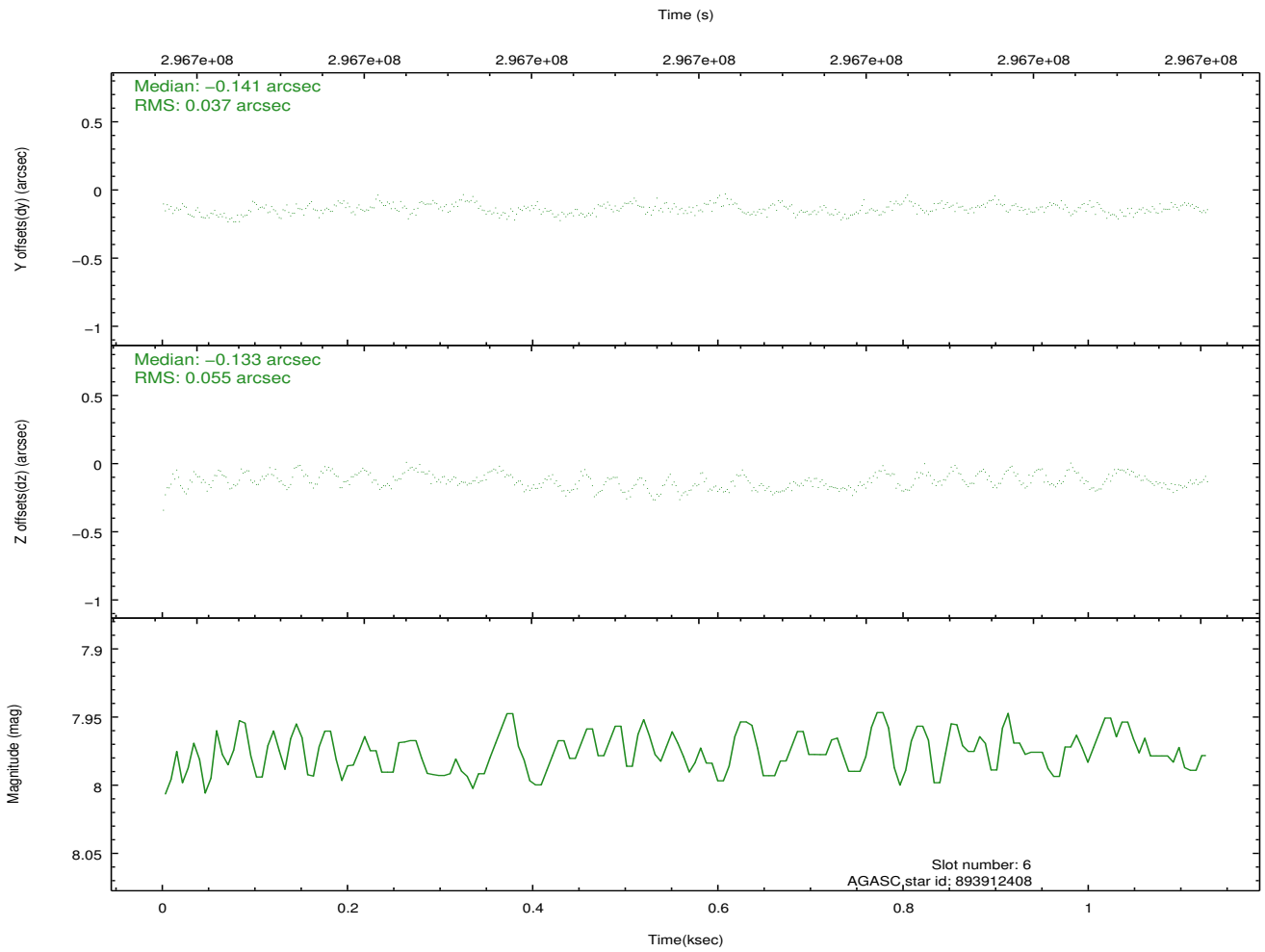
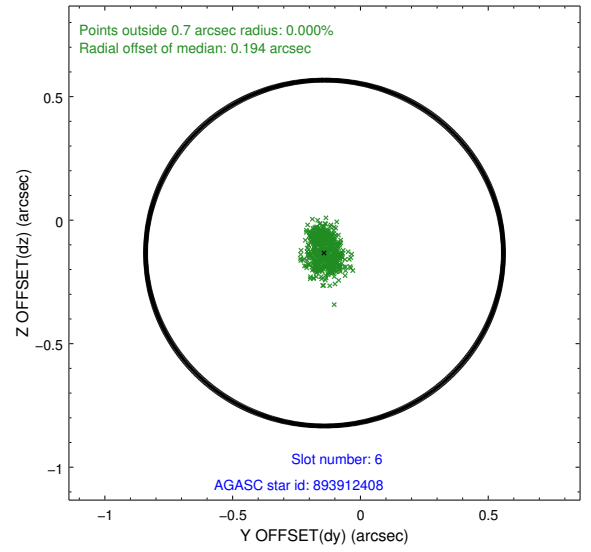
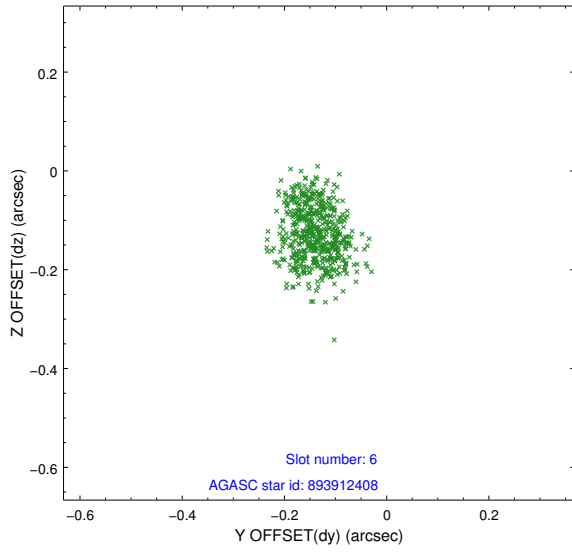
2.4.2 Slot 4



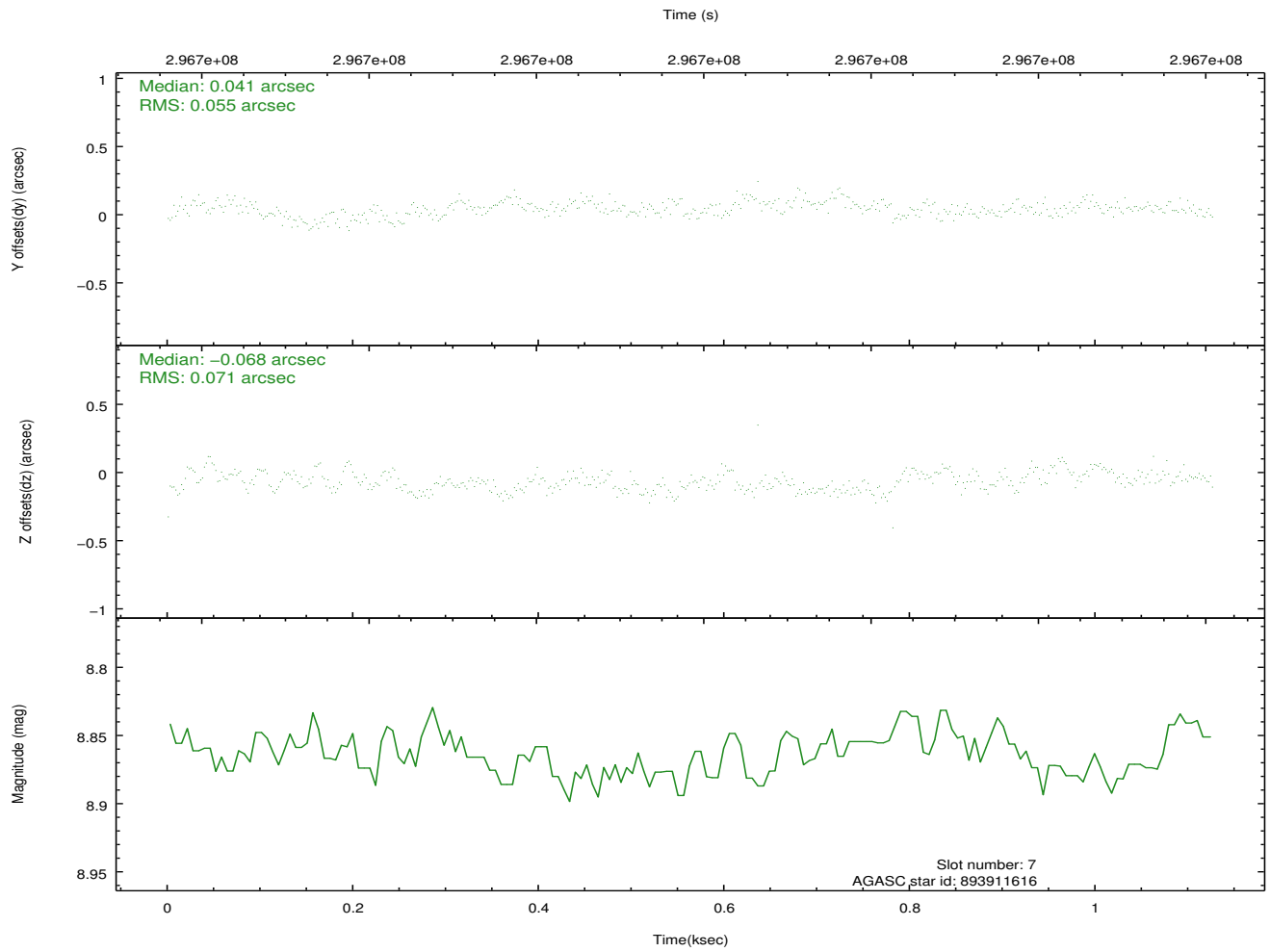
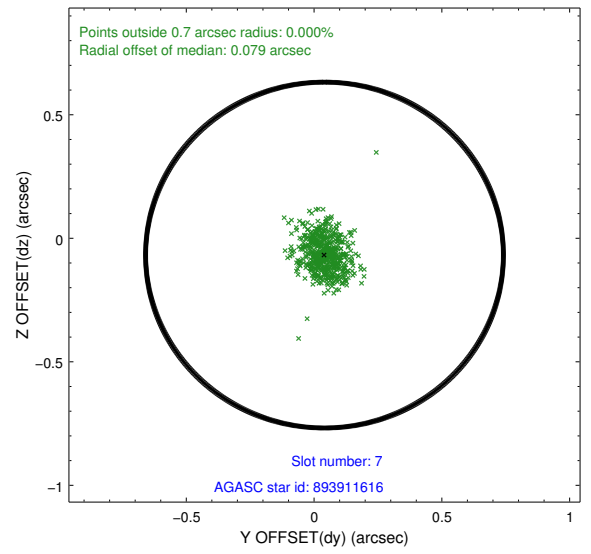
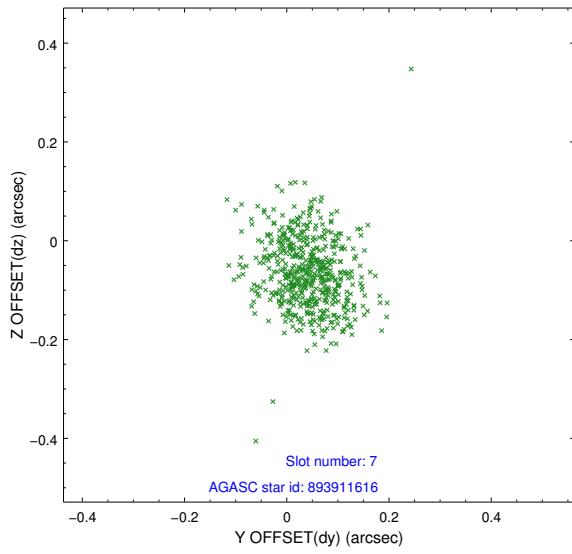
2.4.3 Slot 5



2.4.4 Slot 6

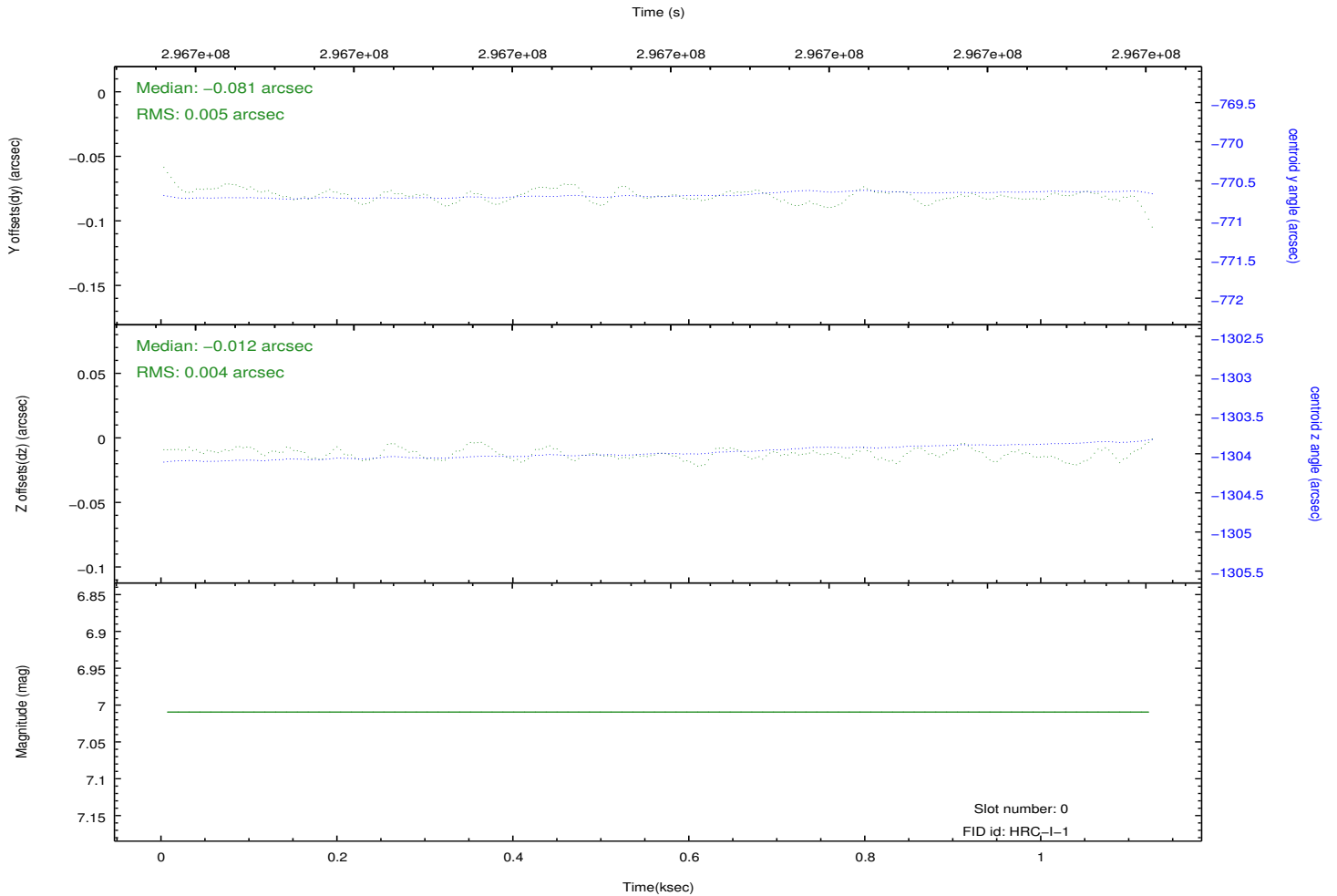
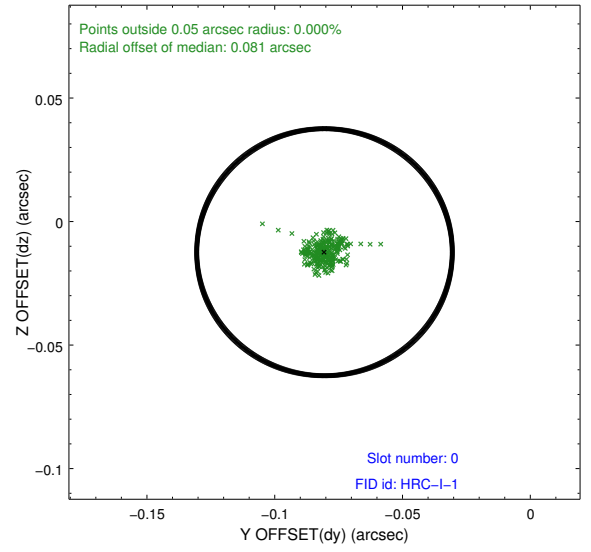
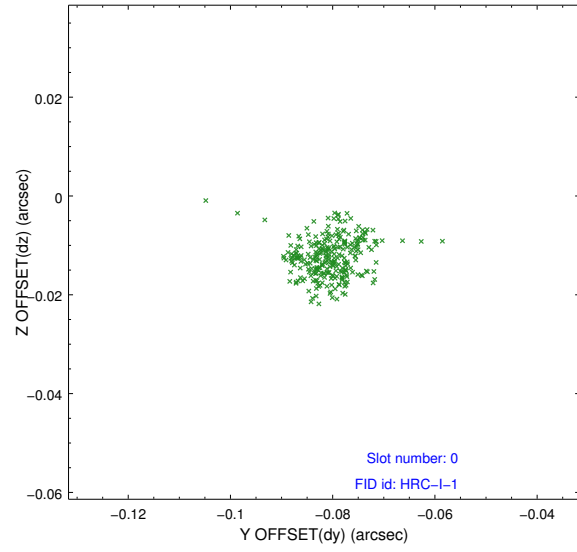


2.4.5 Slot 7

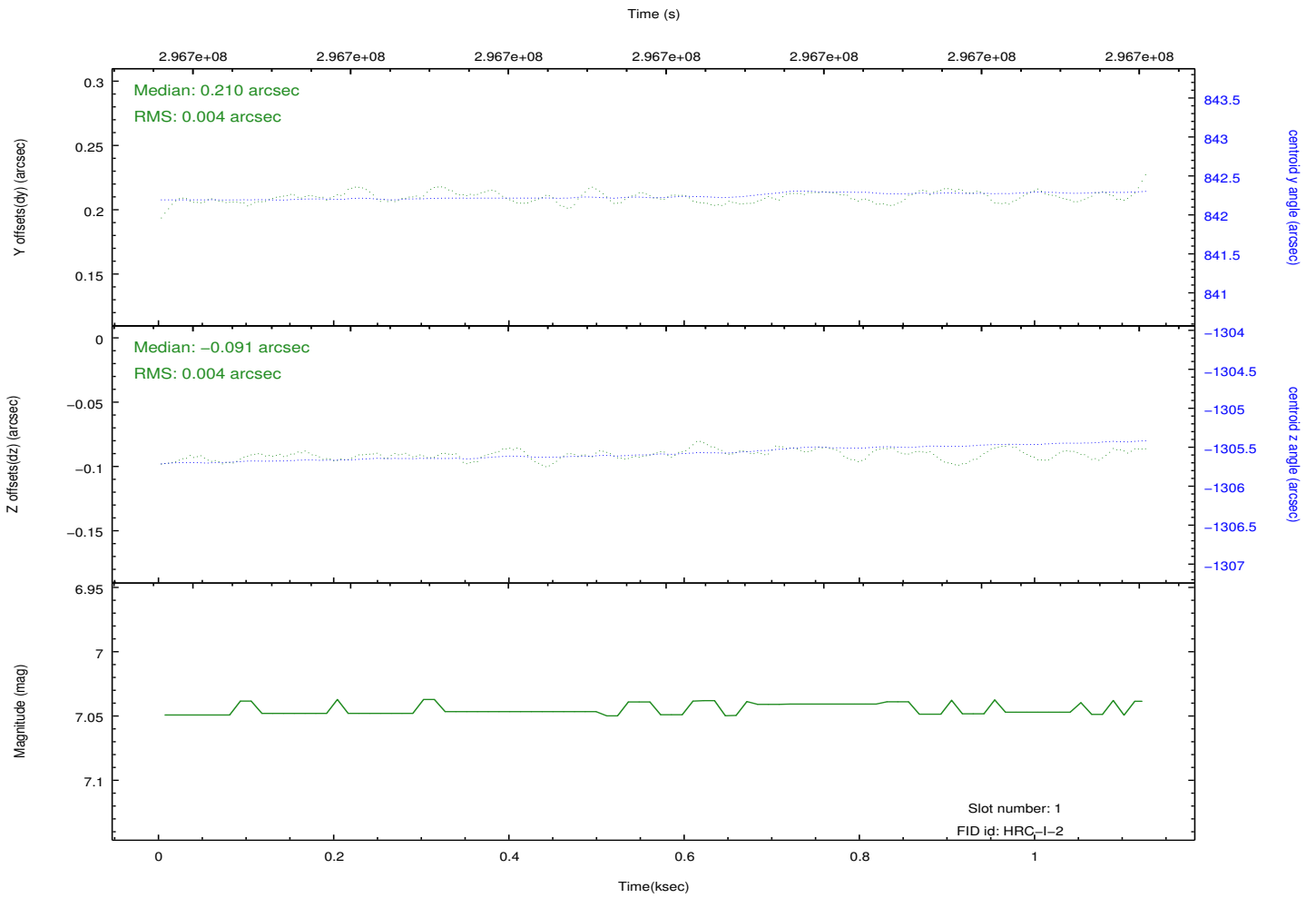
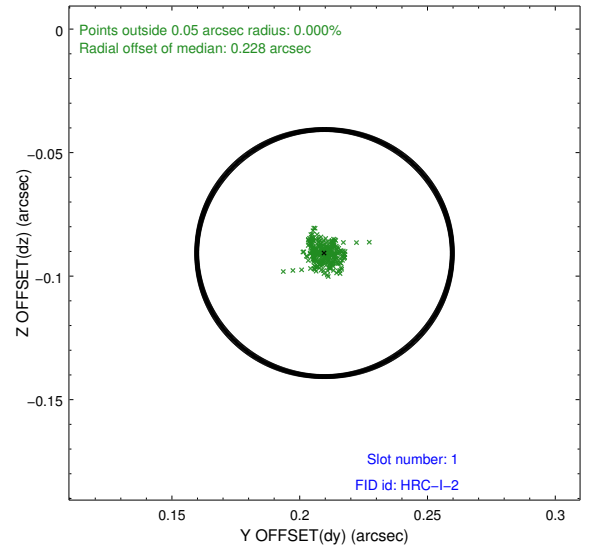
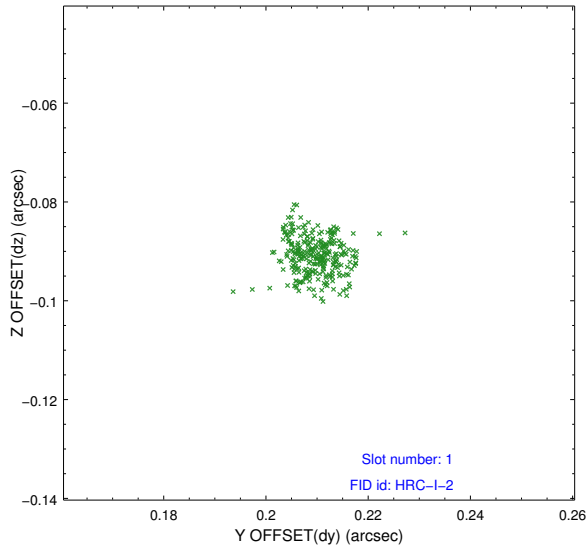


2.5 FID Slots

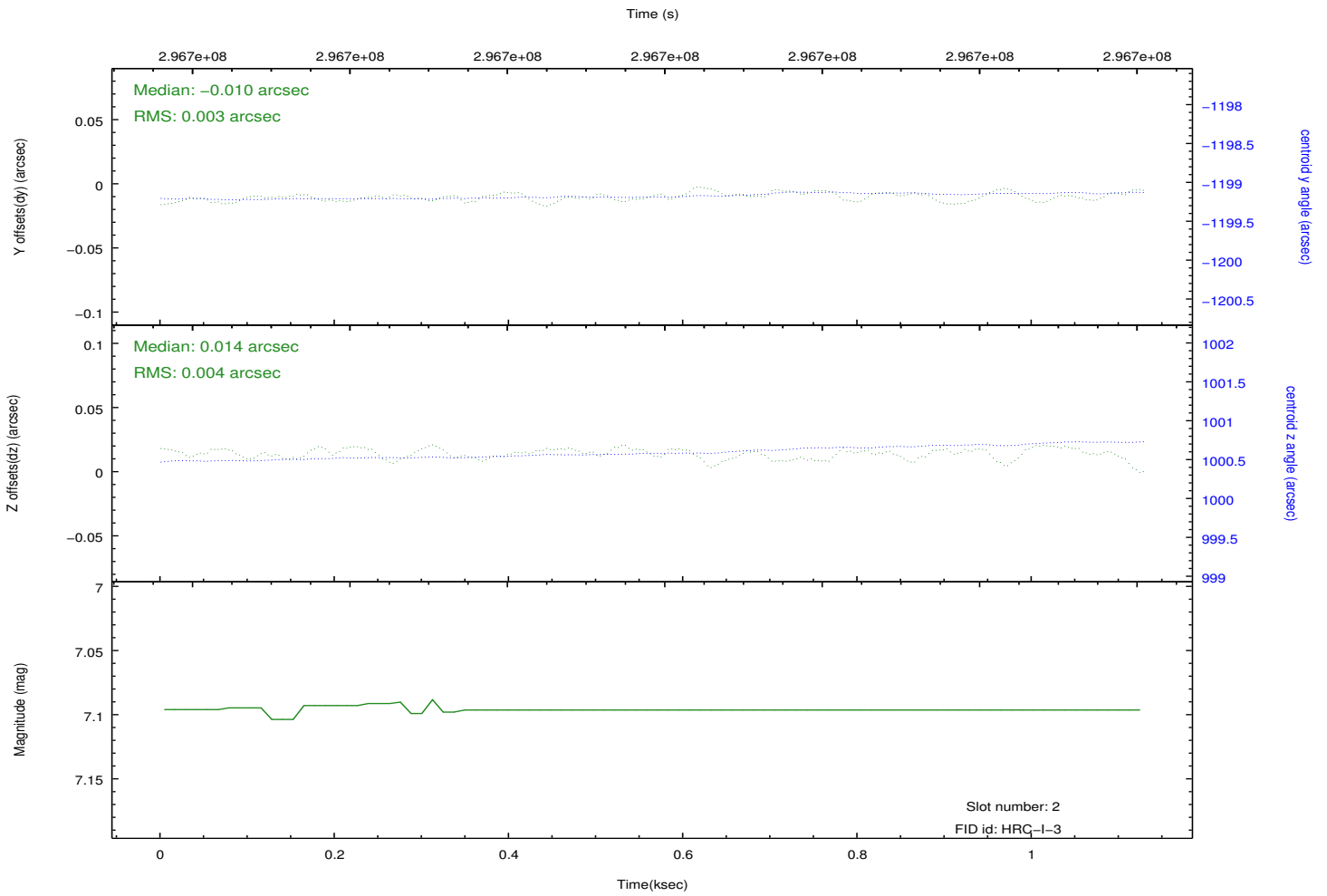
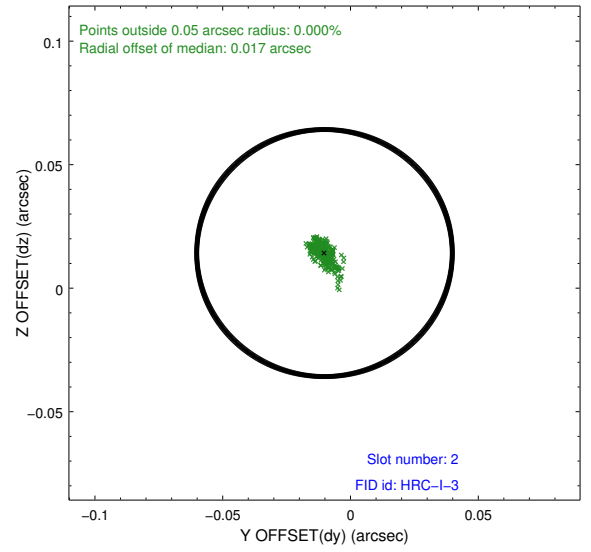
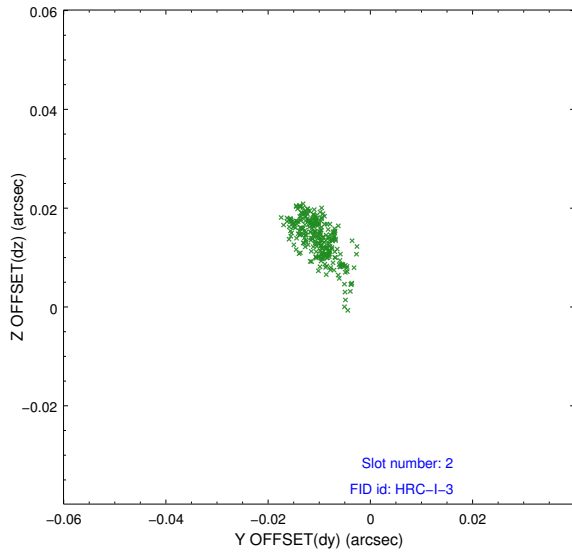
2.5.1 Slot 0



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	1.1267313

A.2 Comments