

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3705 - L2 Version 4
Chandra X-Ray Center

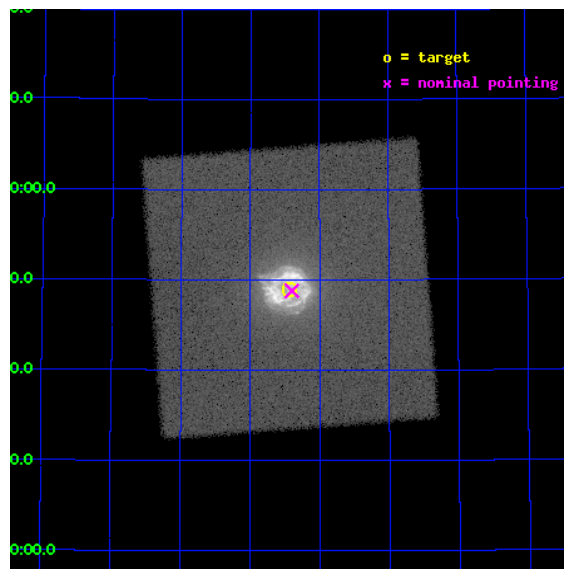
L2 Processing Date : Nov 5 2012

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1 Front

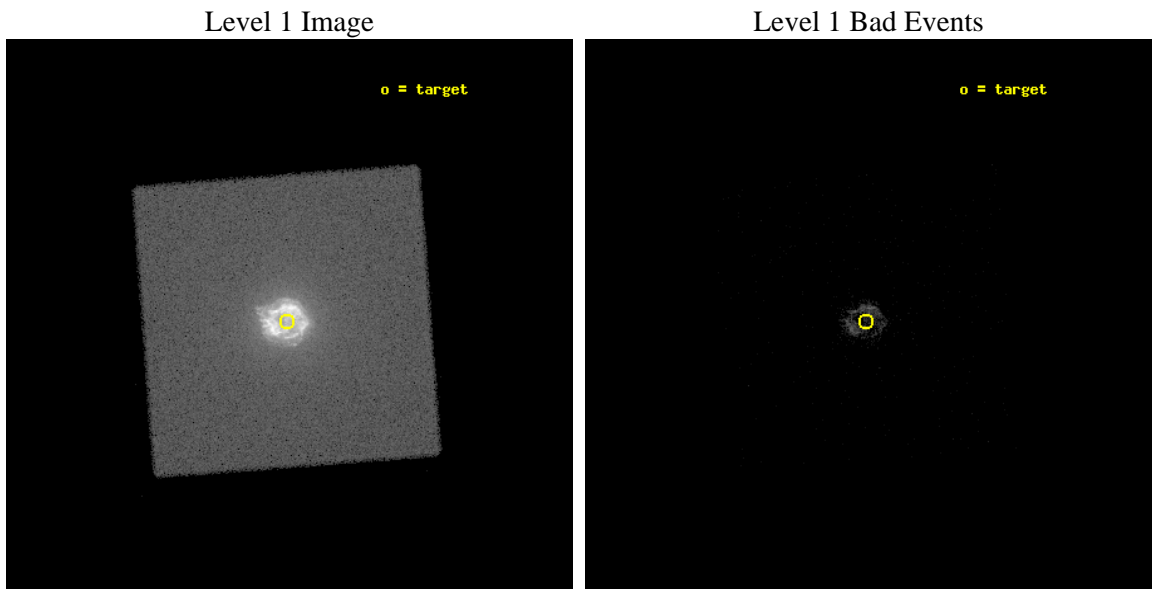
seq_num	590317	Sequence number
obs_id	3705	Observation id
title	AO4B OBSERVATIONS OF THE STANDARD CANDLES CAS A AND G21.5-09	Propo
observer	Dr. CXC Calibration	Principal investigator
object	CAS A	Source name
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	350.84979325874	Nominal RA [deg]
dec_nom	58.813542669815	Nominal Dec [deg]
roll_nom	220.67038676661	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5134.4814708233	[s]
liveltime	4718.8355221506	Ontime multiplied by DTCOR
l2events	668295	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	5262.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5134.4814708233	[s]
caldbver	4.5.2	 	l1events	804050	Number of level 1 events
date	2012-11-05T19:43:45	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

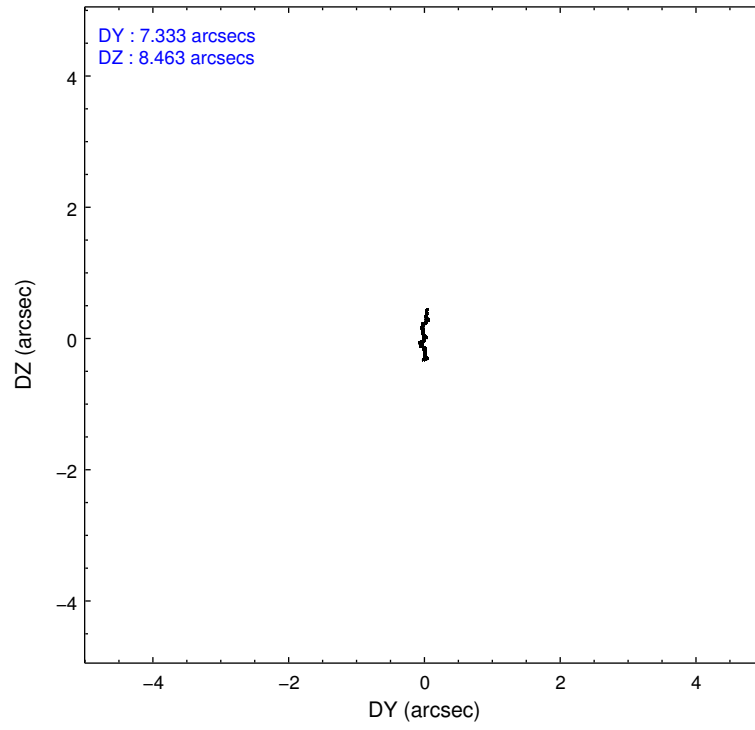
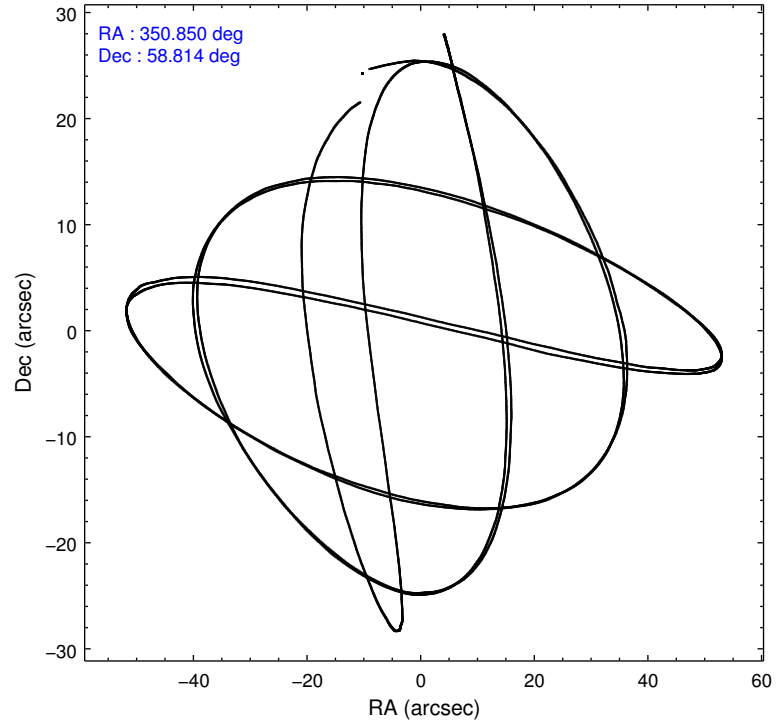
Level 1 Events

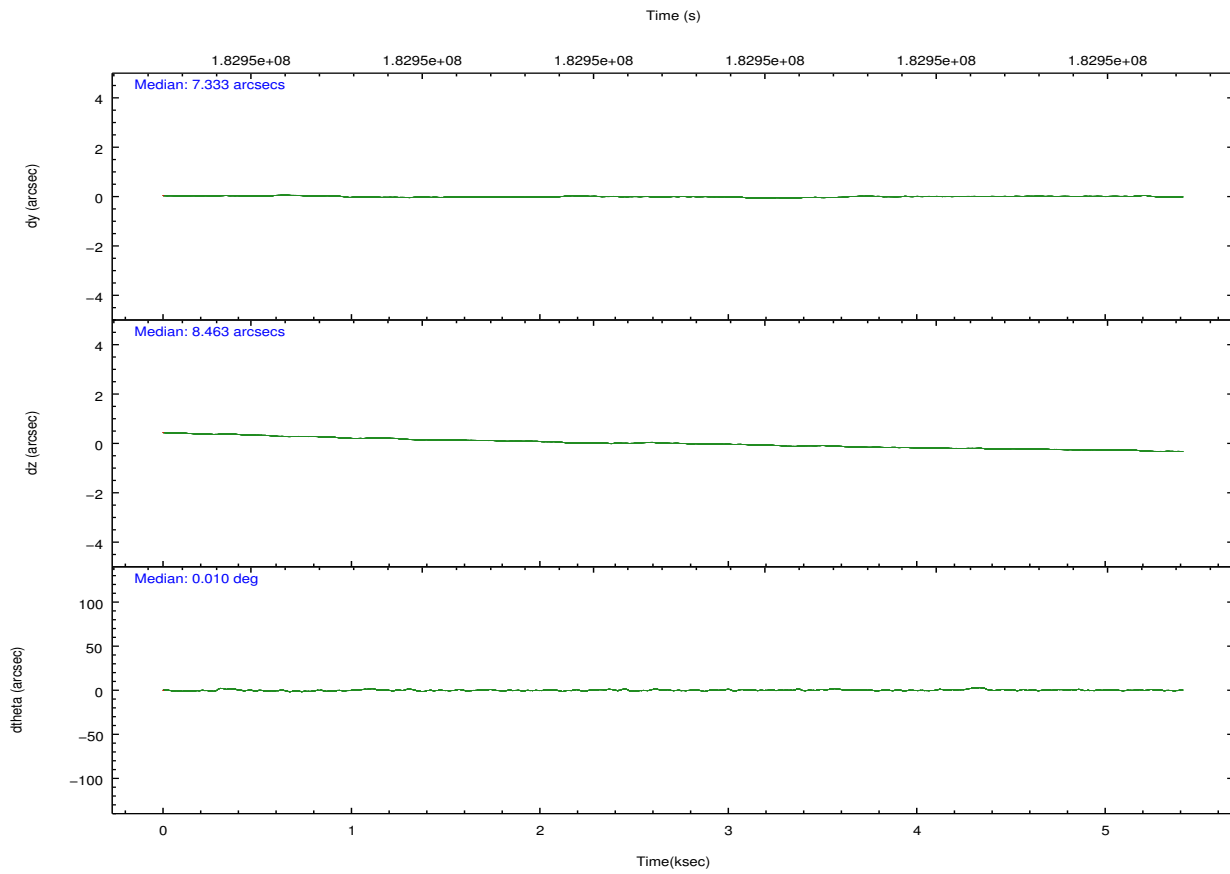
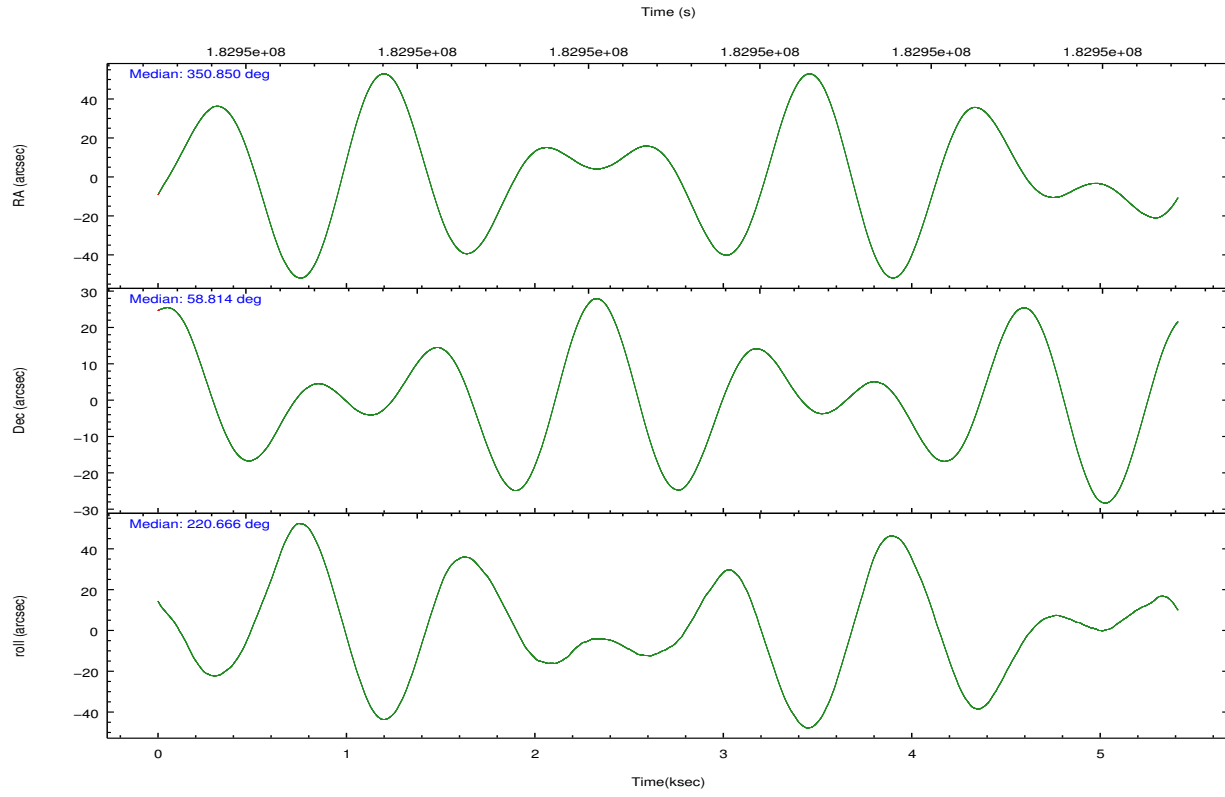
	segment 0
level 1 events	804050
rejected events	9099
rejected %	1%

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	350.866041	350.8497932587441			
[deg] Pointing Dec	58.839321	58.81354266981533			
[deg] Pointing Roll	220.751975	220.6703867666122			
[s] Window start time (MET)	181353664.184000	181353664.184000			
[s] Window stop time (MET)	183859264.184000	183859264.184000			
[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)	182947910.184000	182947511.12264			
Observation start date	2003-10-19T10:50:46	2003-10-19T10:45:11			
[s] Observation end time (MET)	182953172.184000	182954135.69793			
Observation end date	2003-10-19T12:18:28	2003-10-19T12:35:35			

2.3 Aspect



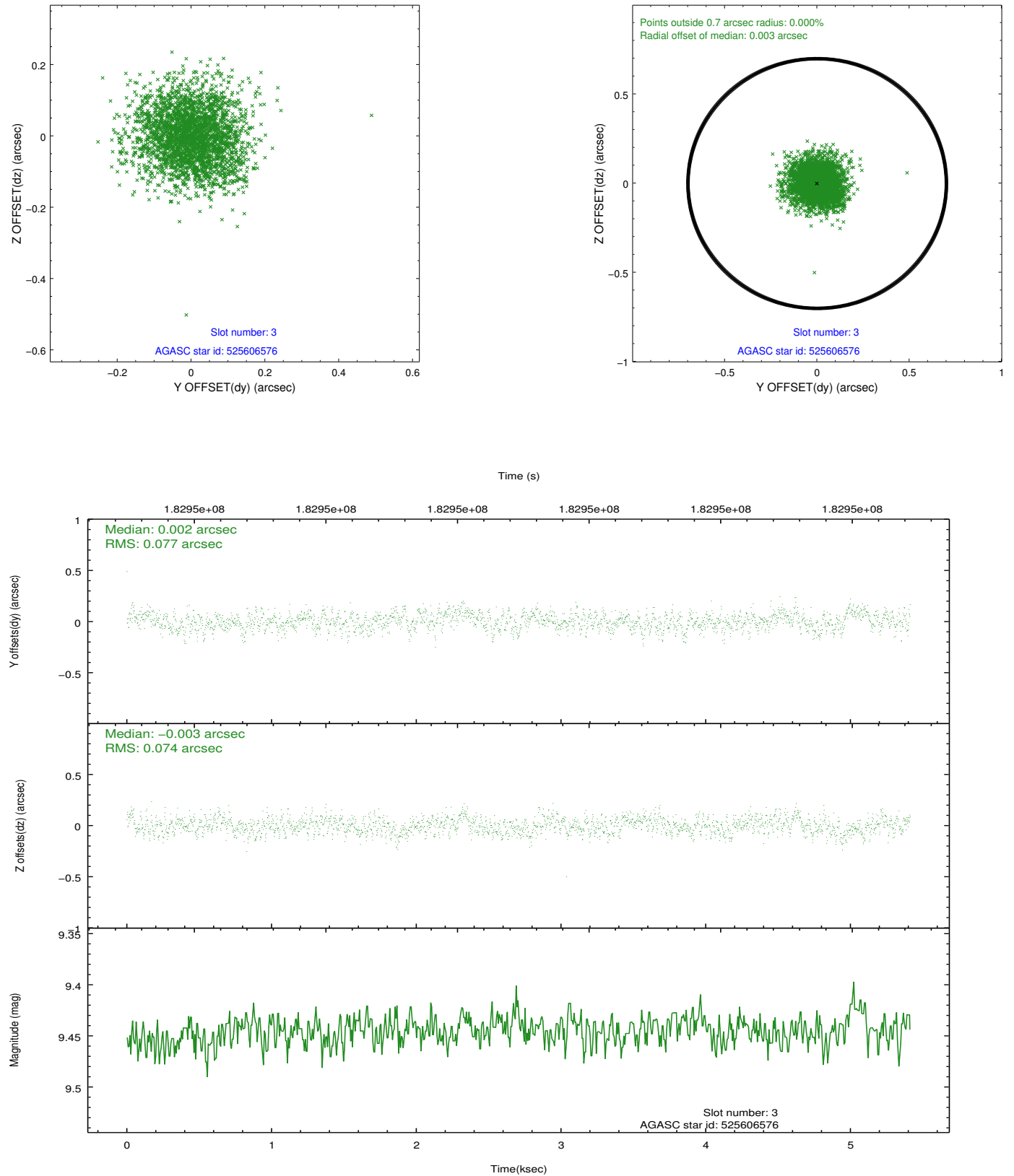


Slot Statistics

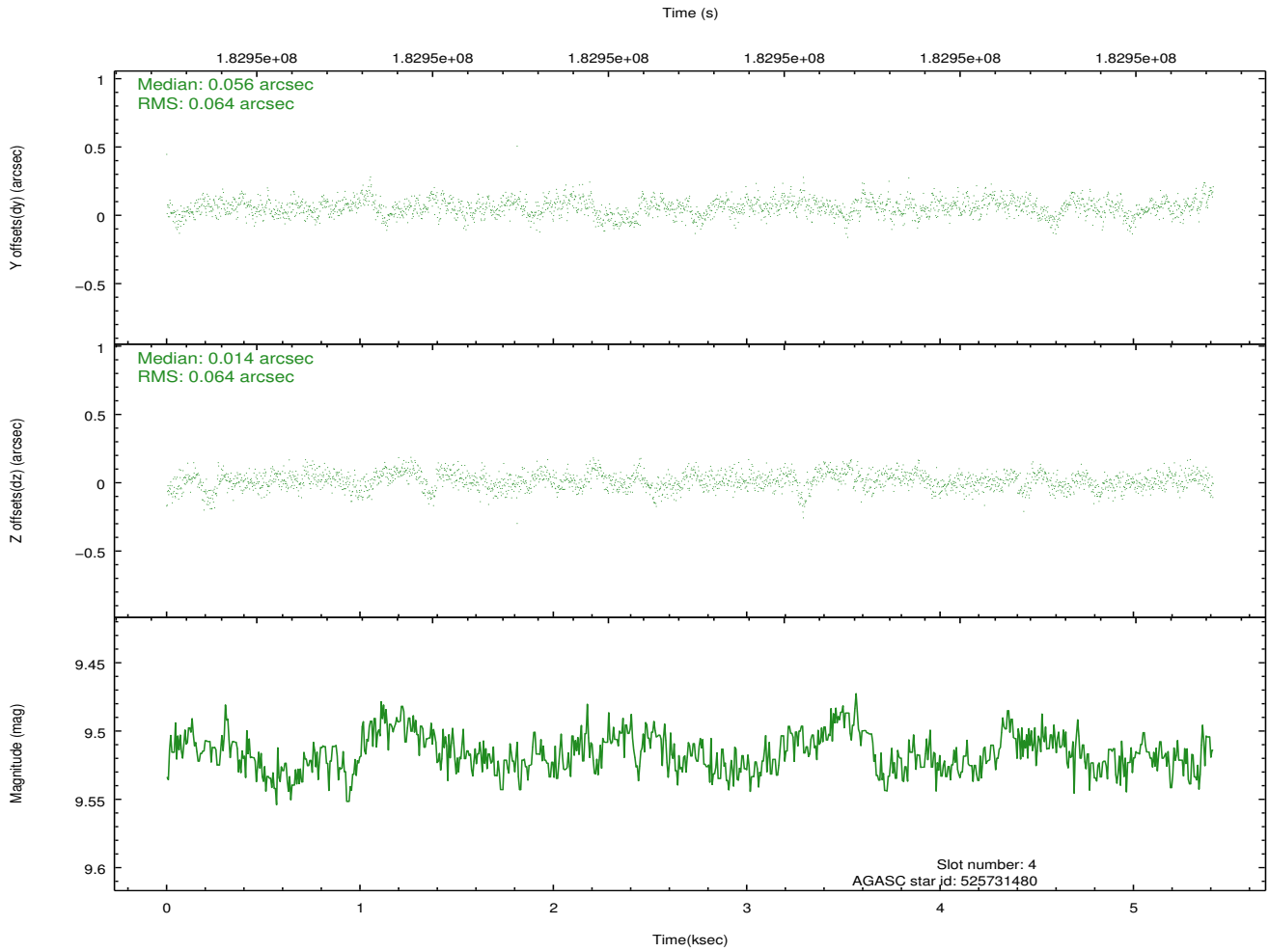
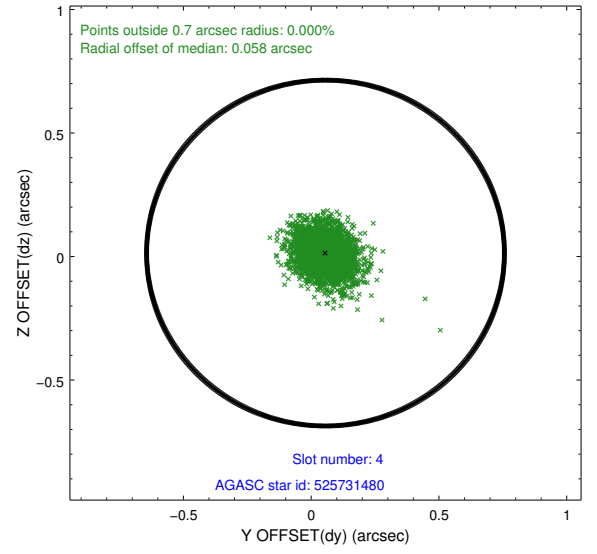
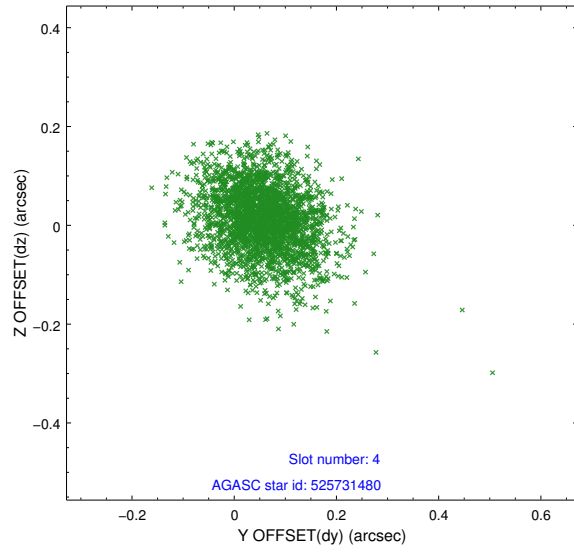
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	1321	0.008	0.040	0.011	0.029	0.000000	0.000000	-762.95	-1296.30
1	FID	HRC-I-2	7.05	1321	0.136	-0.118	0.008	0.019	0.000000	0.000000	849.24	-1299.04
2	FID	HRC-I-3	7.10	1321	-0.025	-0.013	0.013	0.025	0.000000	0.000000	-1190.77	1007.24
3	GUIDE	525606576	9.44	2638	0.002	-0.003	0.112	0.184	349.543555	58.678895	2236.31	-1196.13
4	GUIDE	525731480	9.52	2639	0.056	0.014	0.096	0.160	351.647209	58.687294	-754.37	1361.85
5	GUIDE	525732488	8.42	2641	-0.031	0.107	0.062	0.107	350.087090	58.516915	1861.38	-82.22
6	GUIDE	525735976	8.69	2641	-0.100	-0.102	0.065	0.109	350.142956	58.277622	2352.90	633.01
7	GUIDE	525732528	9.36	2607	0.076	-0.016	0.091	0.152	351.607241	59.298932	-2115.70	-369.57

2.4 Star Slots

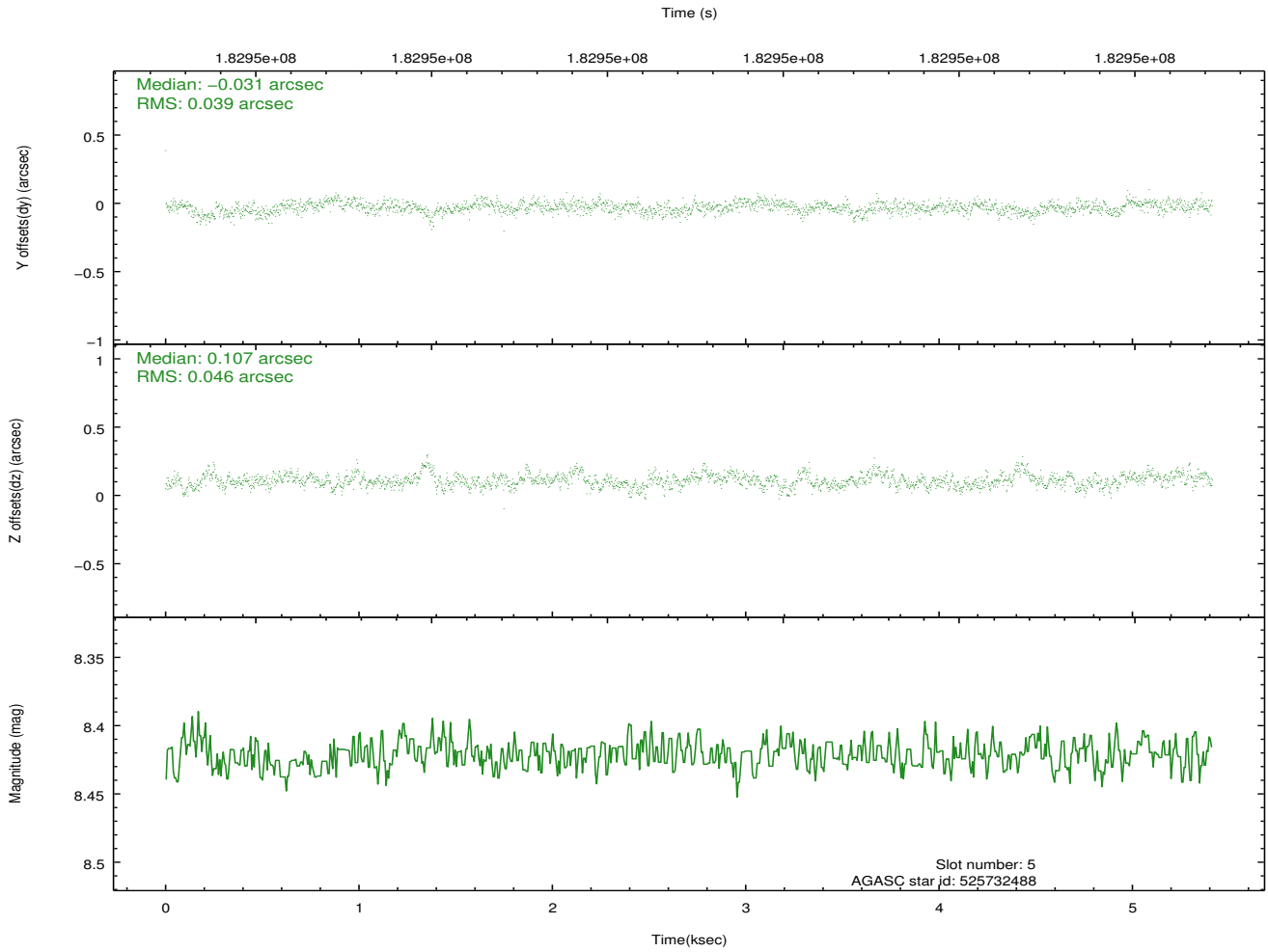
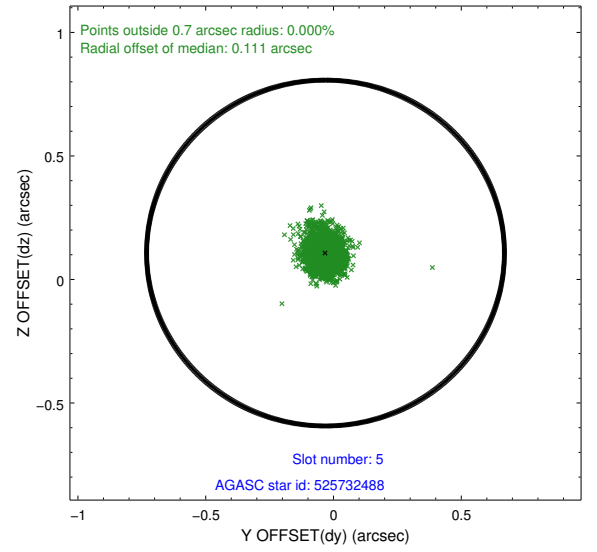
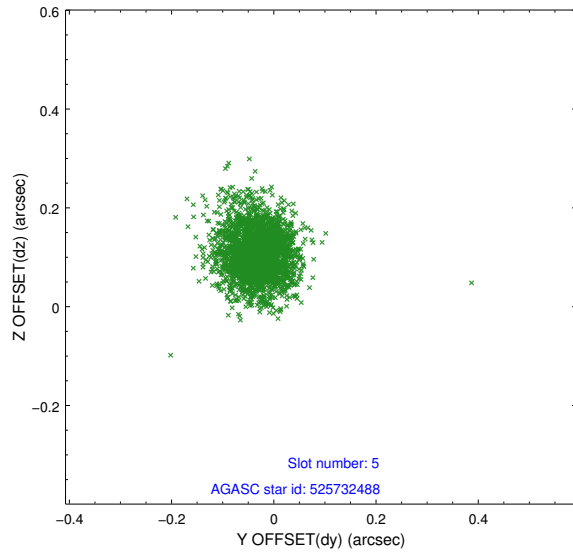
2.4.1 Slot 3



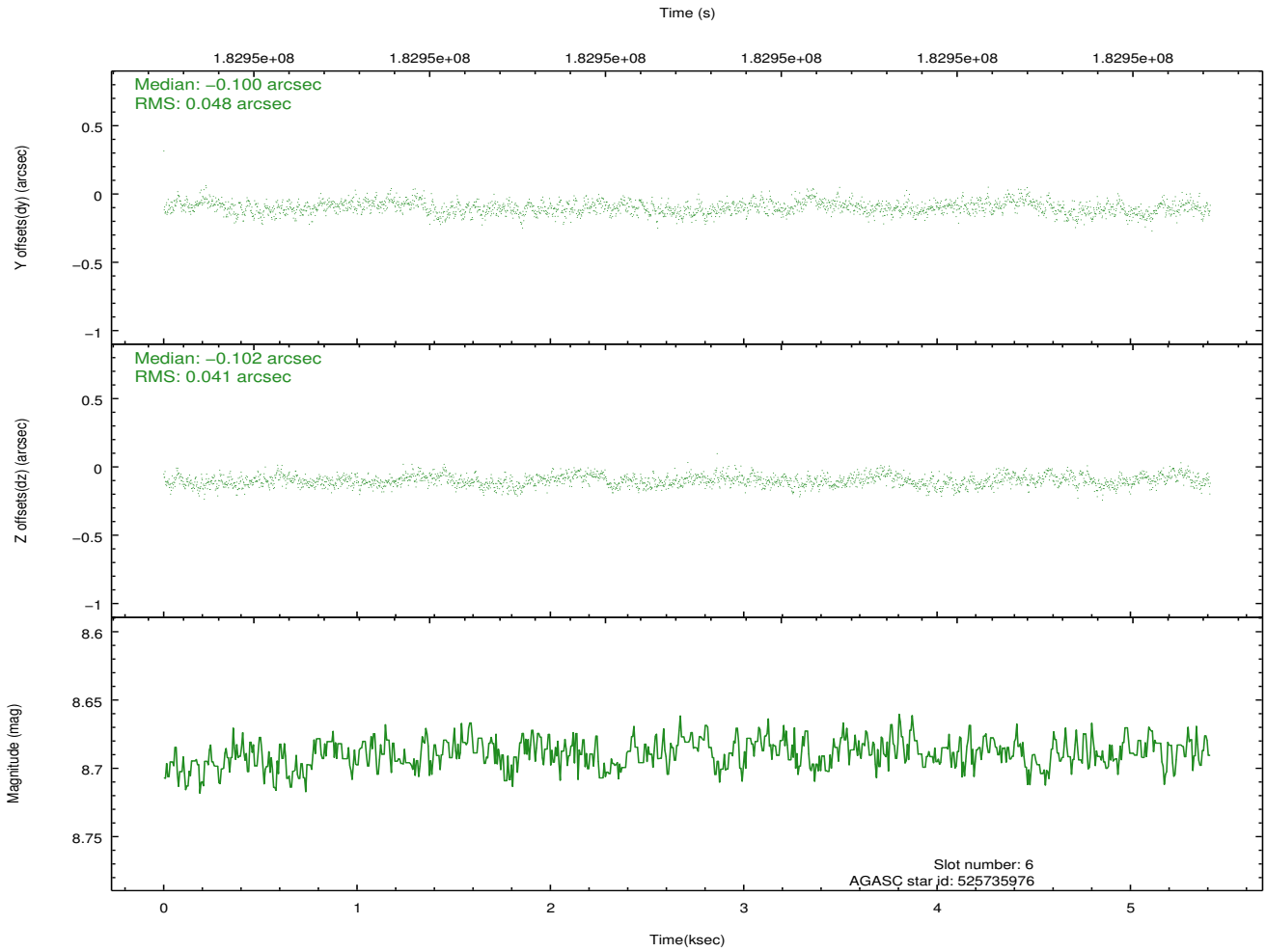
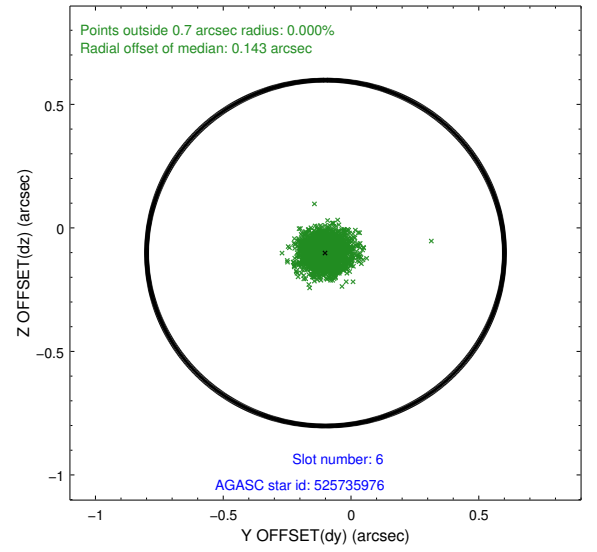
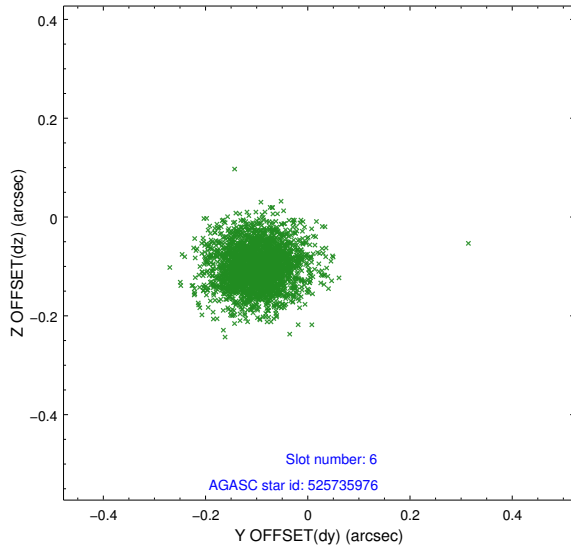
2.4.2 Slot 4



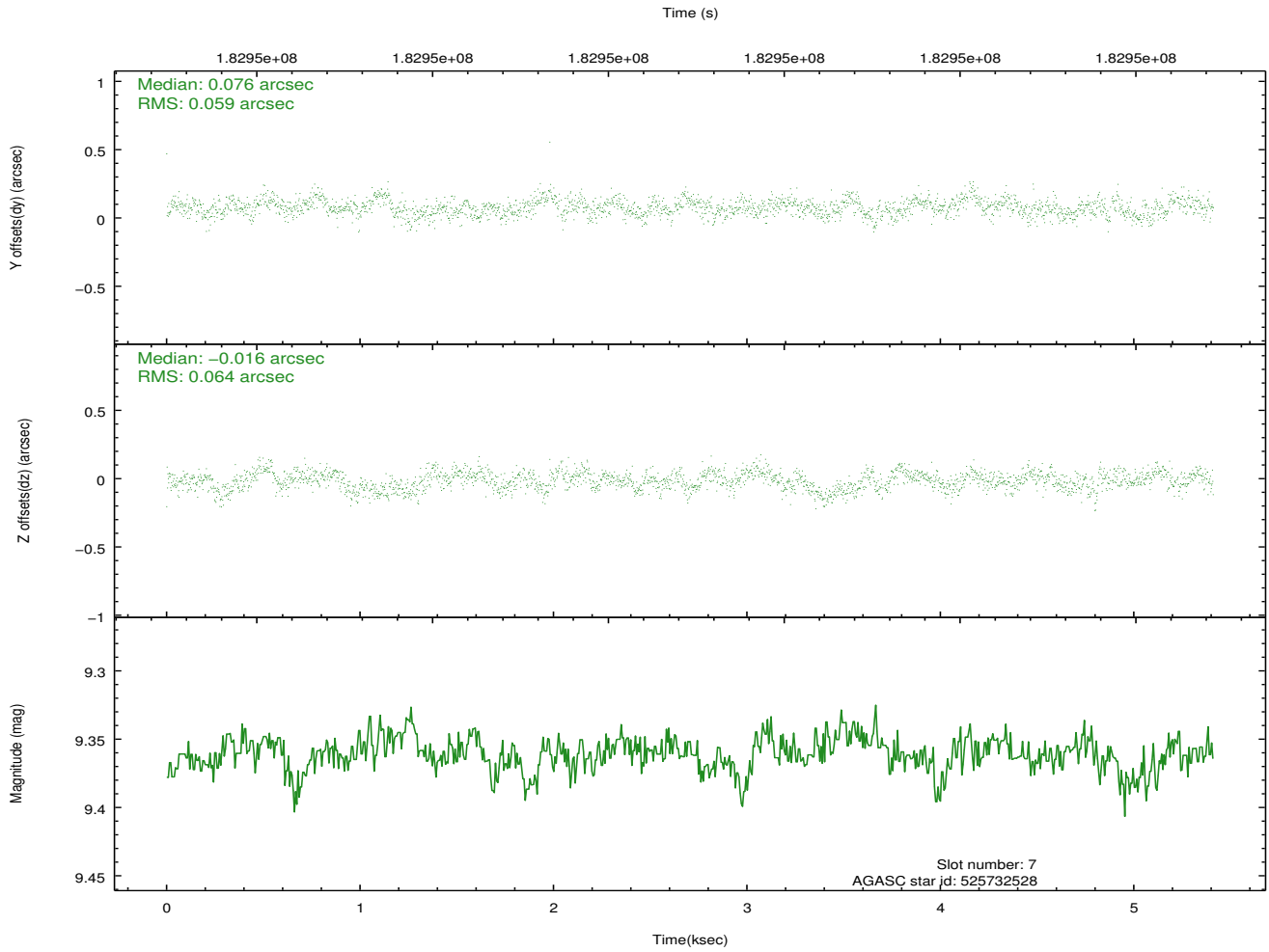
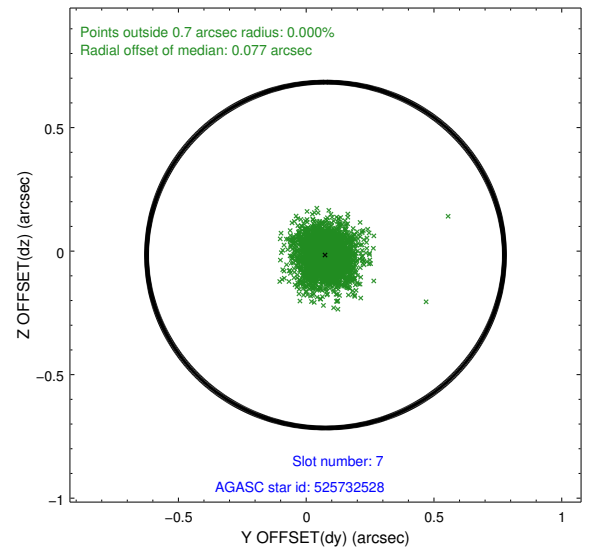
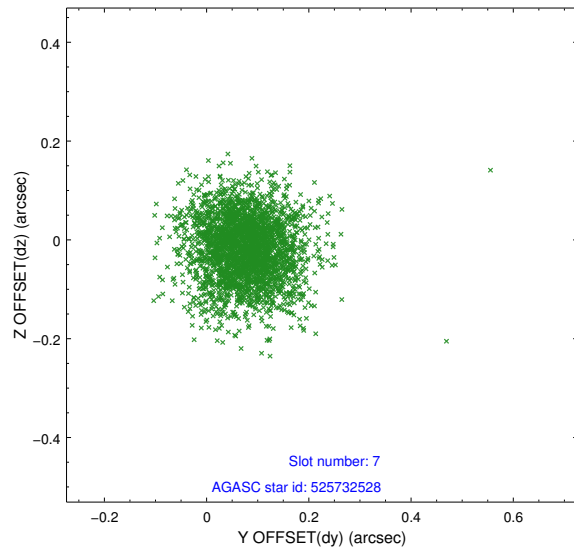
2.4.3 Slot 5



2.4.4 Slot 6

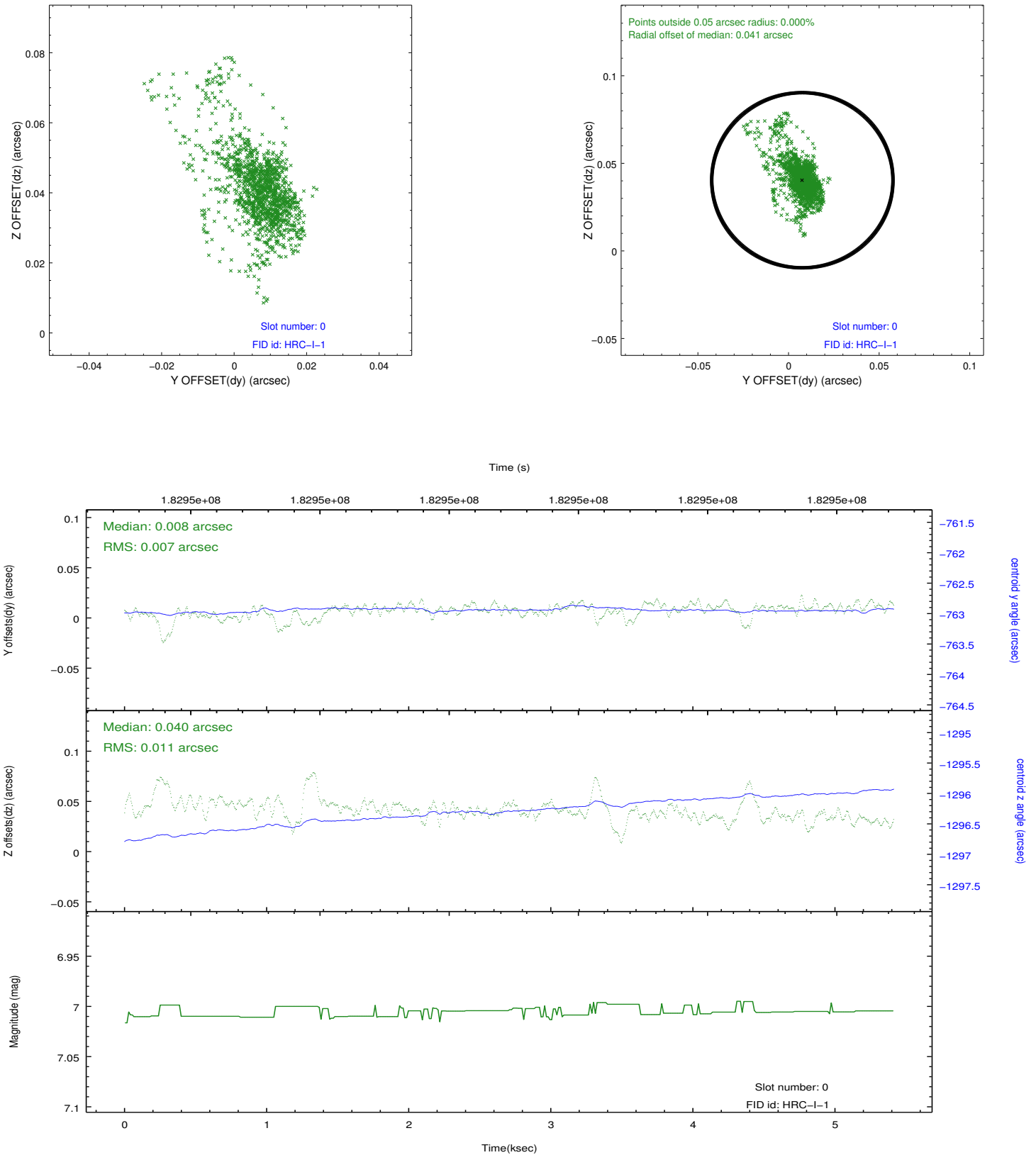


2.4.5 Slot 7

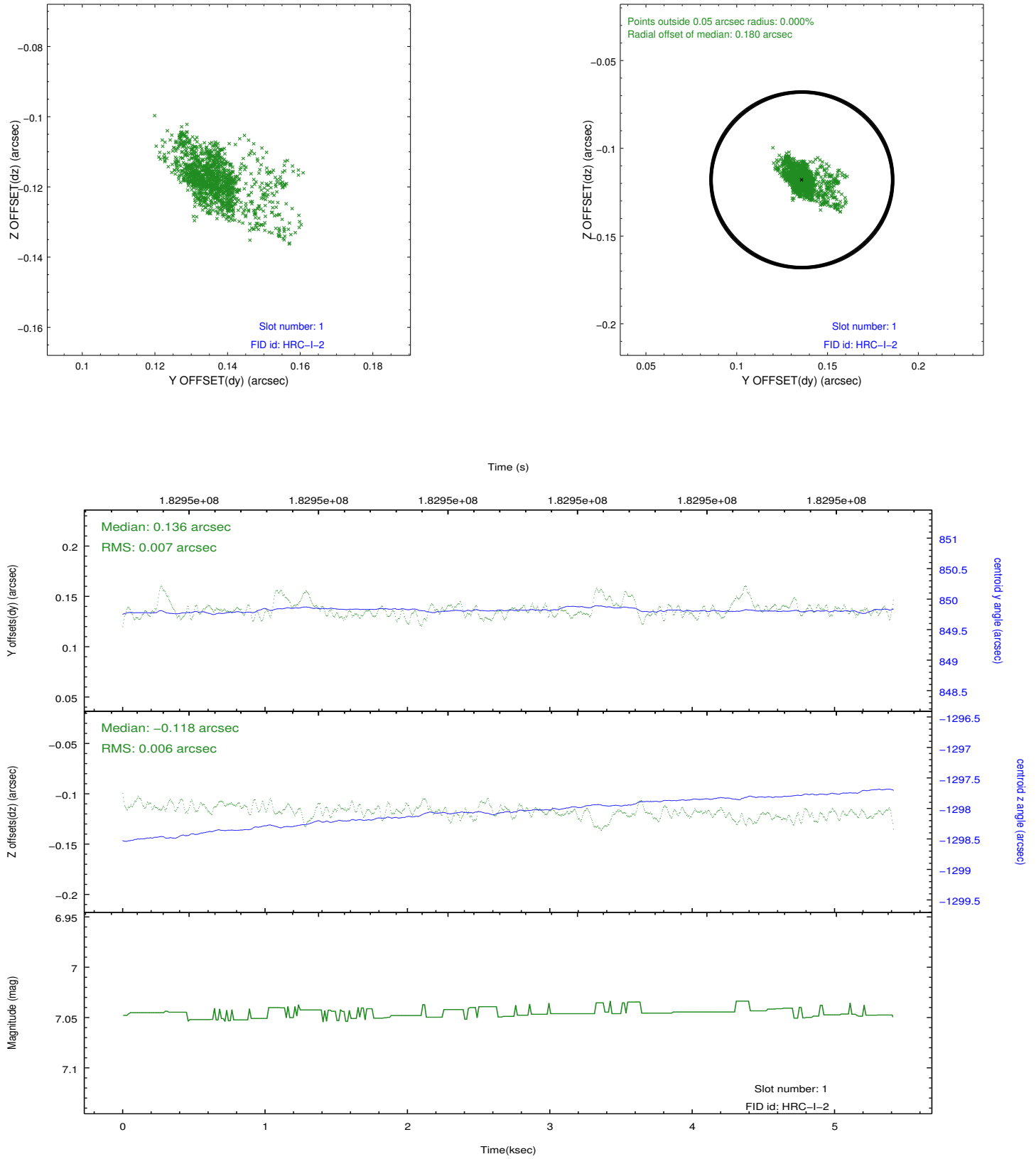


2.5 FID Slots

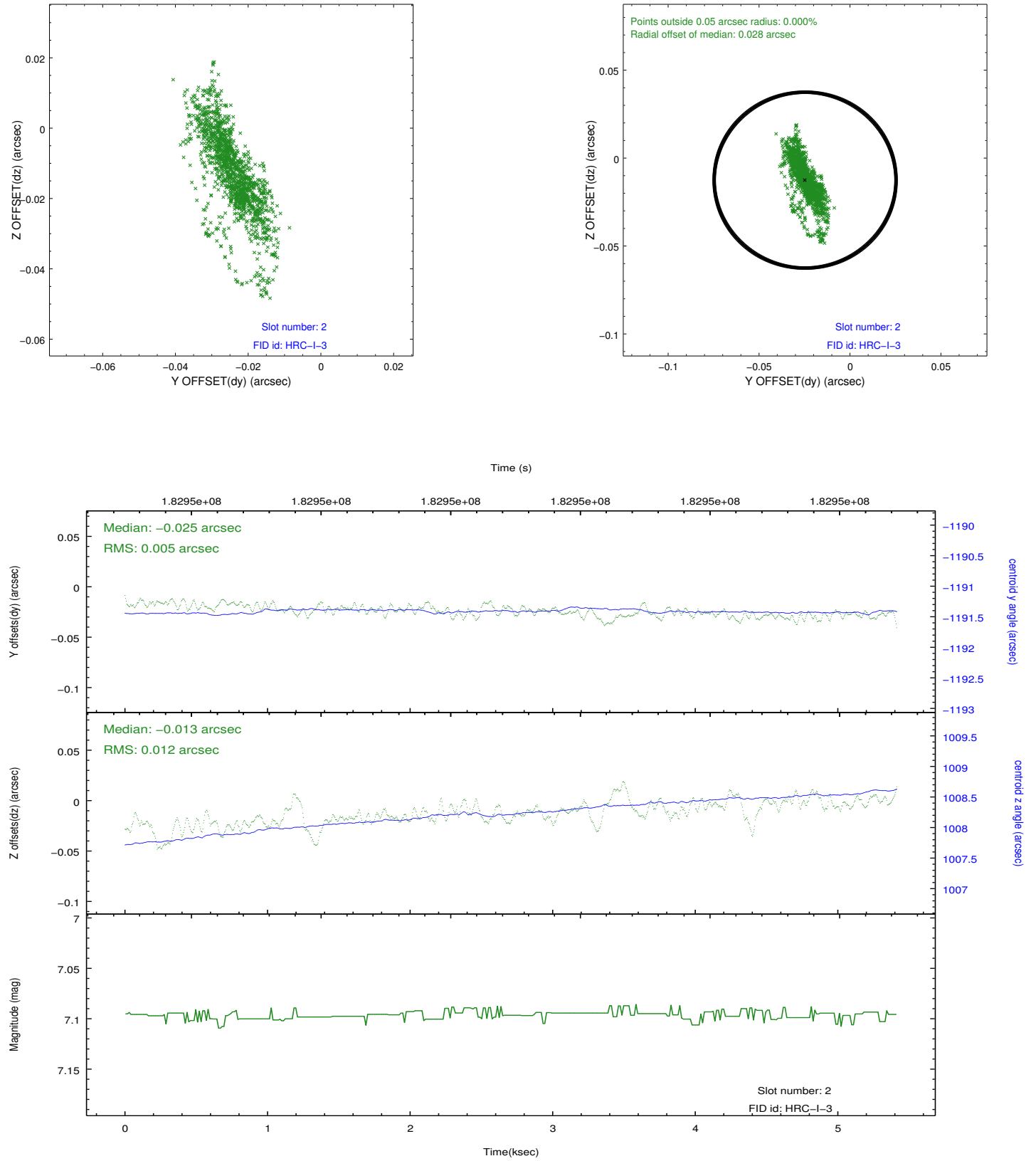
2.5.1 Slot 0



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)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.134

A.2 Comments

Window constraint satisfied.