

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5974 - L2 Version 3
Chandra X-Ray Center

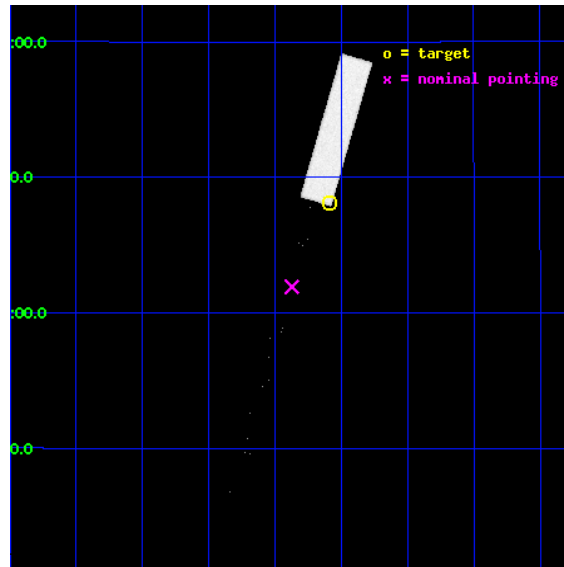
L2 Processing Date : Dec 16 2012

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1 Front

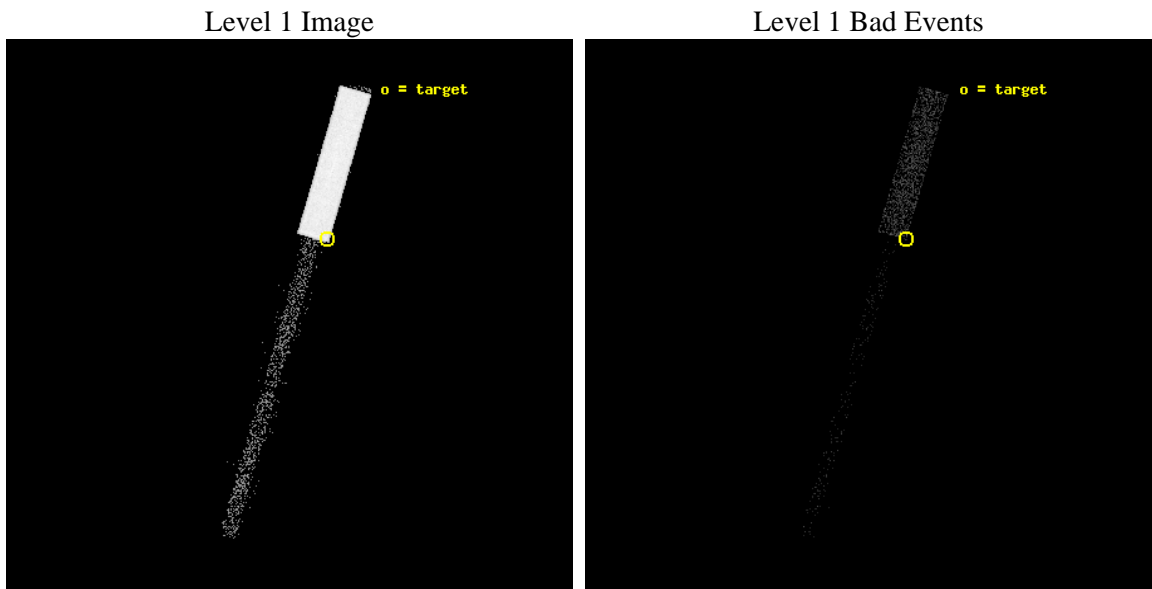
seq_num	290466	Sequence number
obs_id	5974	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Betelgeuse	Source name
ra_targ	88.792917	Observer's specified target RA [deg]
dec_targ	7.407056	Observer's specified target Dec [deg]
ra_nom	88.935509676654	Nominal RA [deg]
dec_nom	7.0960815326907	Nominal Dec [deg]
roll_nom	286.14597374883	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2159.9313476682	[s]
livetime	2148.1559433108	Ontime multiplied by DTCOR
l2events	83554	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	8.5.1	Processing system revision	ontime	2159.9313476682	[s]
caldsver	4.5.5	 	l1events	122382	Number of level 1 events
date	2012-12-17T01:40:50	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

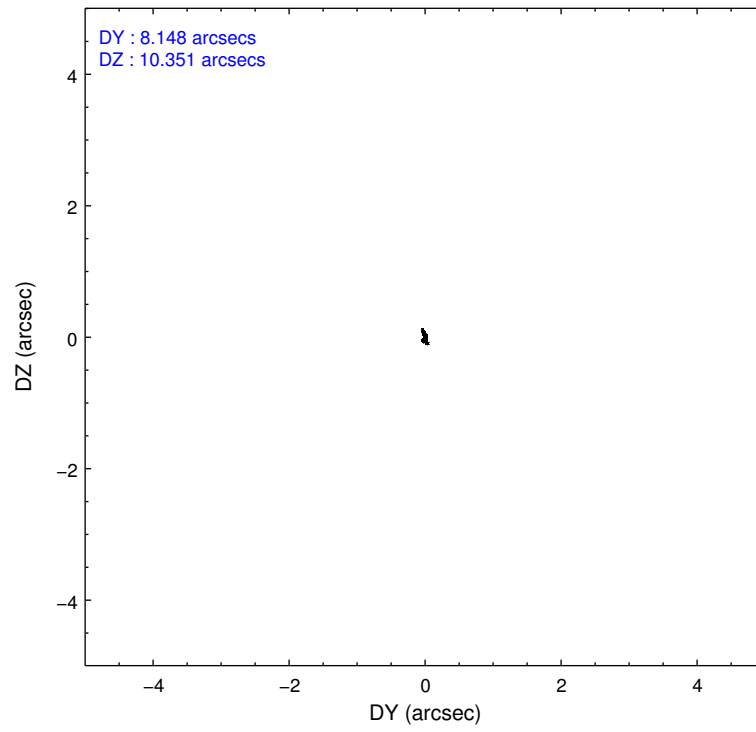
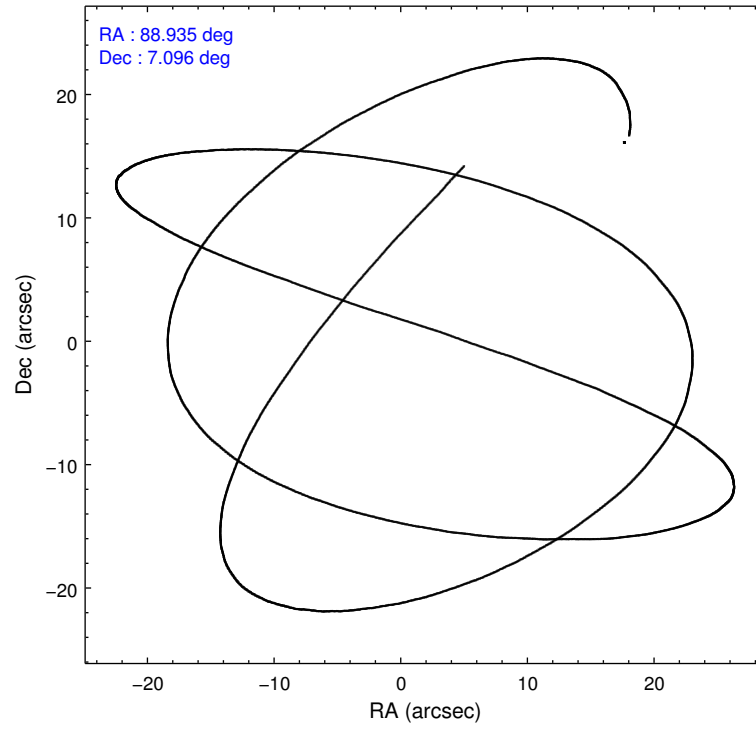
Level 1 Events

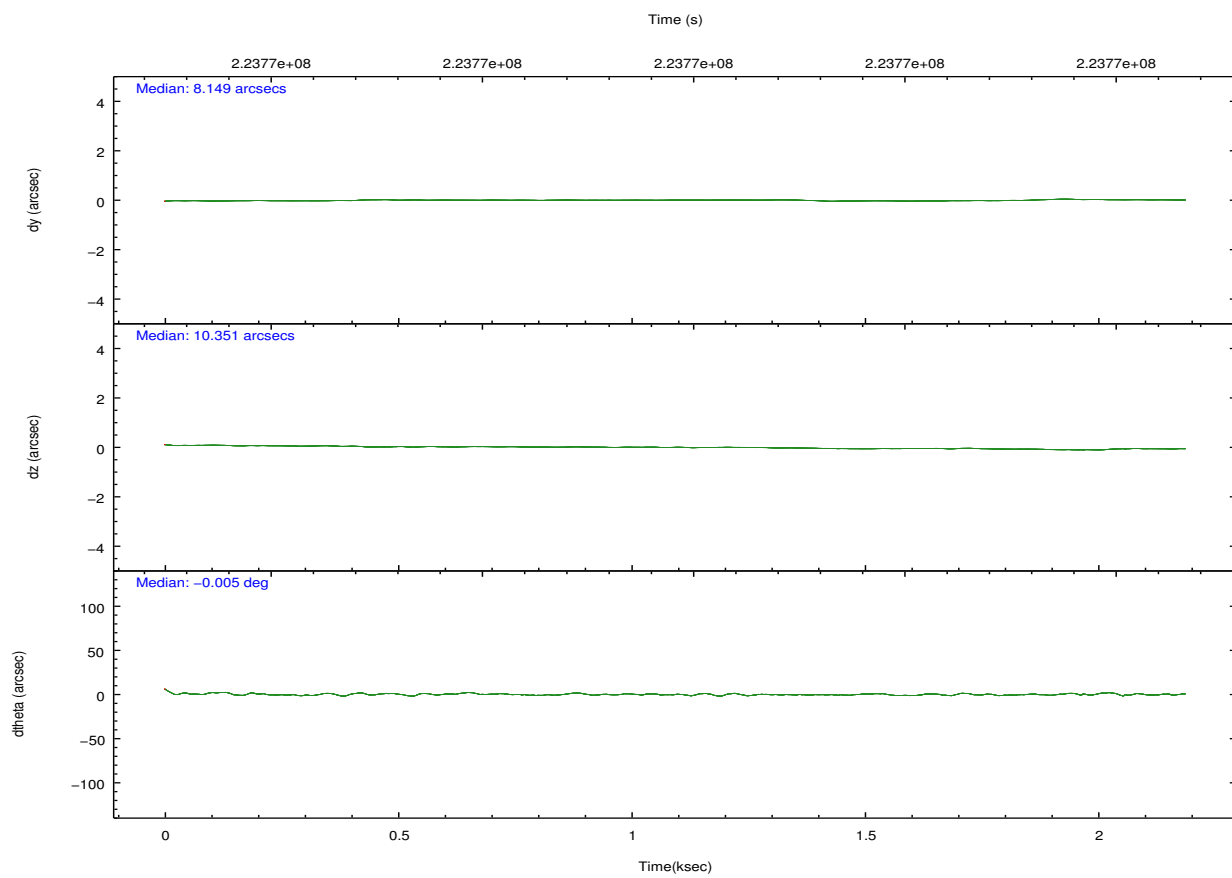
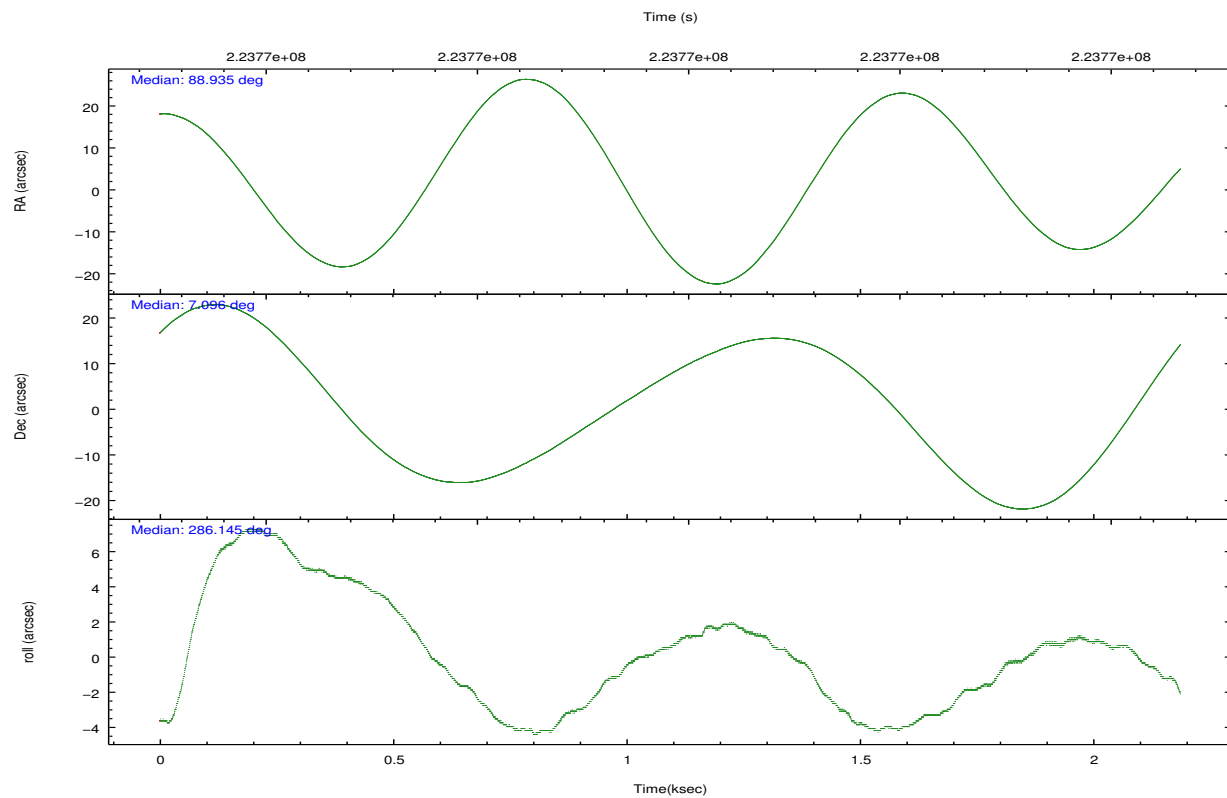
	segment 1	segment 2	segment 3
level 1 events	121045	677	660
rejected events	13518	636	645
rejected %	11%	93%	97%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	88.913895	88.93550967665436			
[deg] Pointing Dec	7.114860	7.096081532690691			
[deg] Pointing Roll	286.081297	286.1459737488308			
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	228614464.184000	228614464.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	223767547.184000	223767171.35276			
Observation start date	2005-02-02T21:38:03	2005-02-02T21:32:51			
[s] Observation end time (MET)	223769547.184000	223770562.56542			
Observation end date	2005-02-02T22:11:23	2005-02-02T22:29:22			

2.3 Aspect



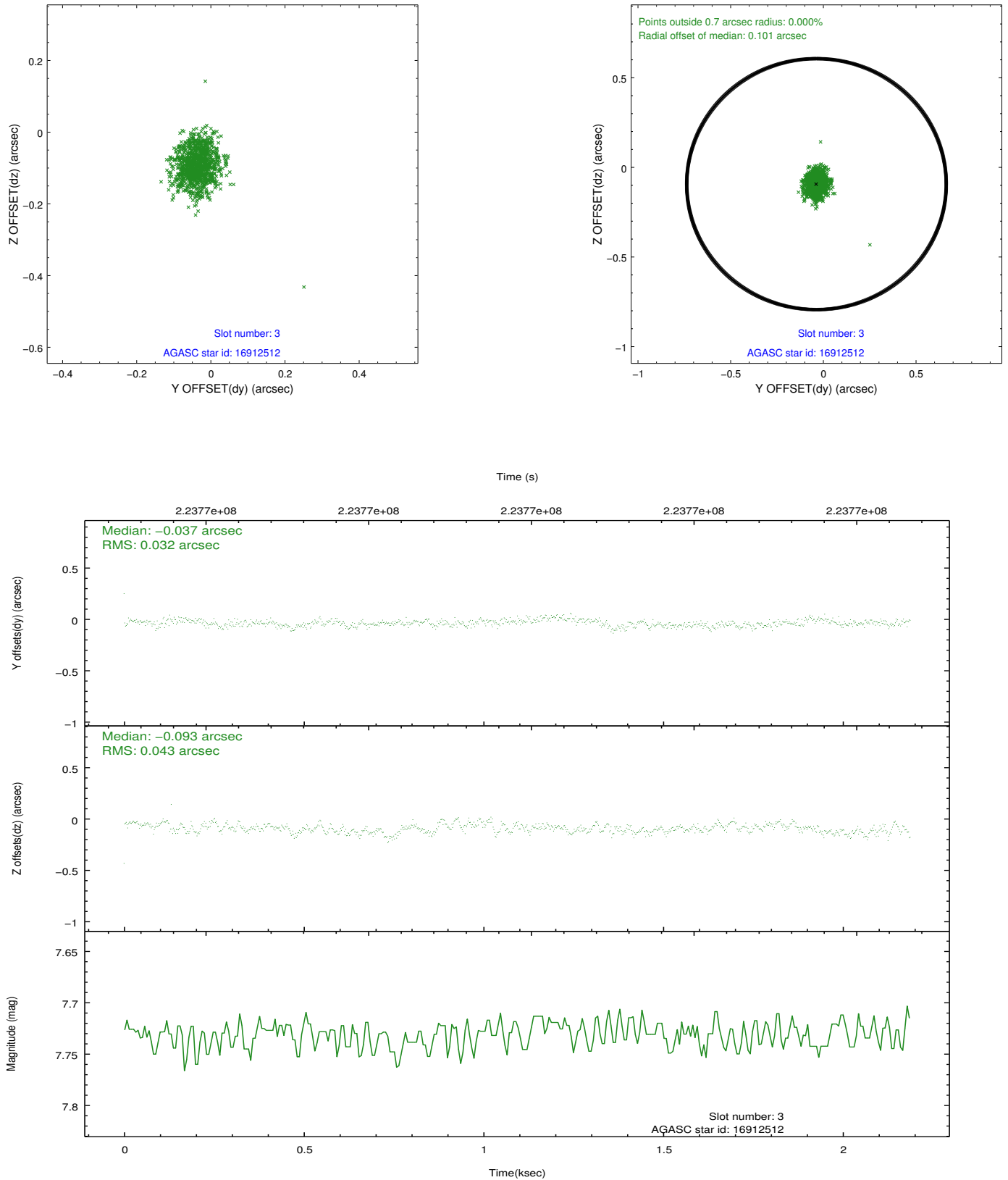


Slot Statistics

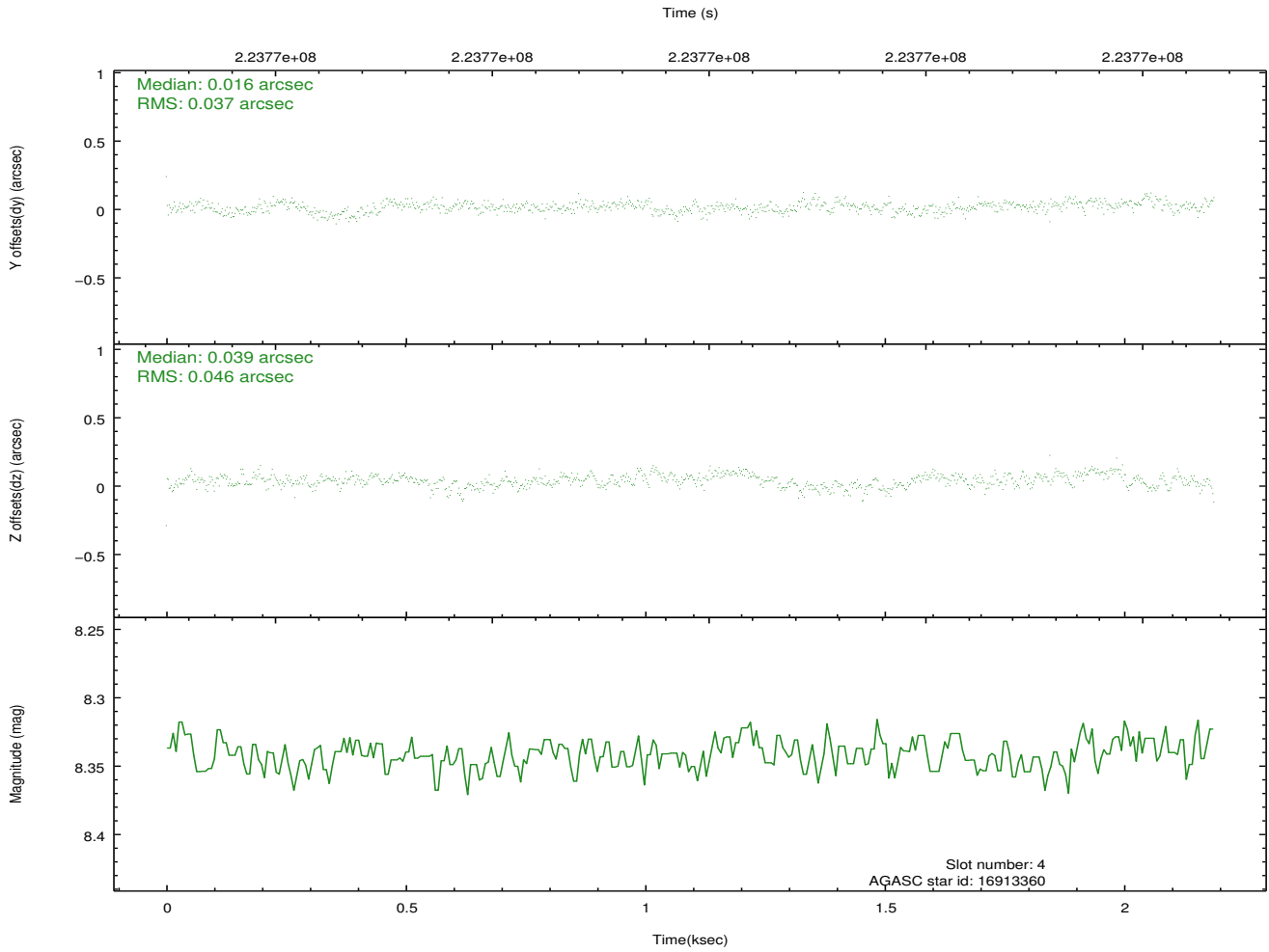
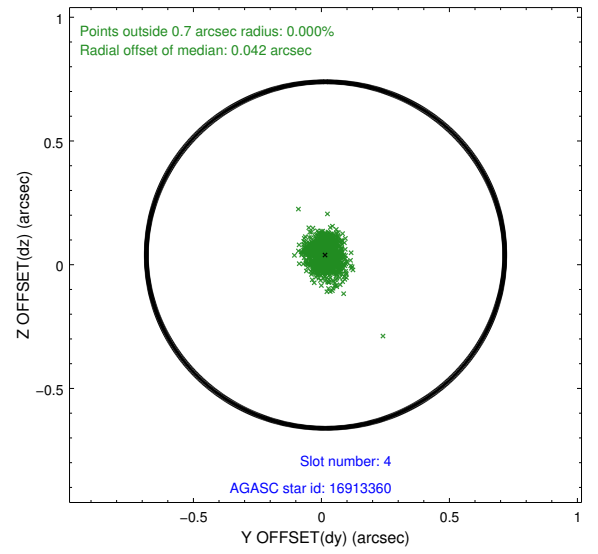
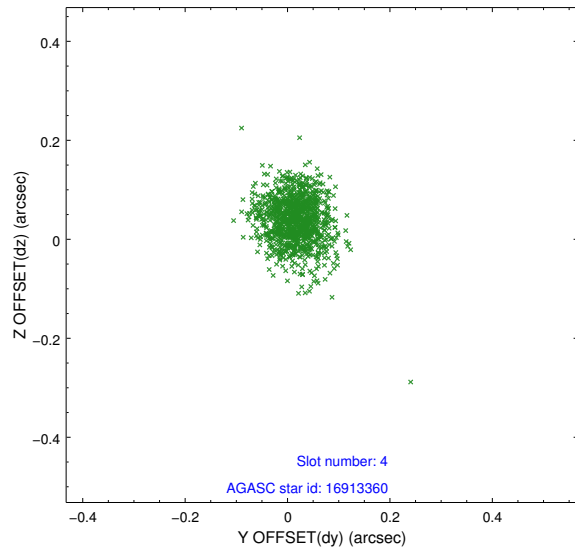
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	534	0.093	-0.206	0.006	0.012	0.000000	0.000000	-1162.34	-459.12
1	FID	HRC-S-3	7.02	534	0.078	-0.007	0.008	0.014	0.000000	0.000000	-1167.29	569.74
2	FID	HRC-S-4	6.98	534	0.217	-0.084	0.005	0.009	0.000000	0.000000	1233.82	574.22
3	GUIDE	16912512	7.73	1068	-0.037	-0.093	0.057	0.088	88.651510	7.129862	-311.42	-884.97
4	GUIDE	16913360	8.34	1068	0.016	0.039	0.062	0.103	89.178373	7.247125	-196.08	1039.43
5	GUIDE	16917248	8.71	1067	0.091	0.155	0.075	0.123	89.306967	6.774731	1565.52	1013.07
6	GUIDE	16918912	8.64	1068	0.140	0.079	0.076	0.122	89.257075	6.922287	1007.40	988.31
7	GUIDE	93856056	7.97	1067	-0.212	-0.177	0.064	0.106	88.147460	7.547925	-2256.86	-2194.44

2.4 Star Slots

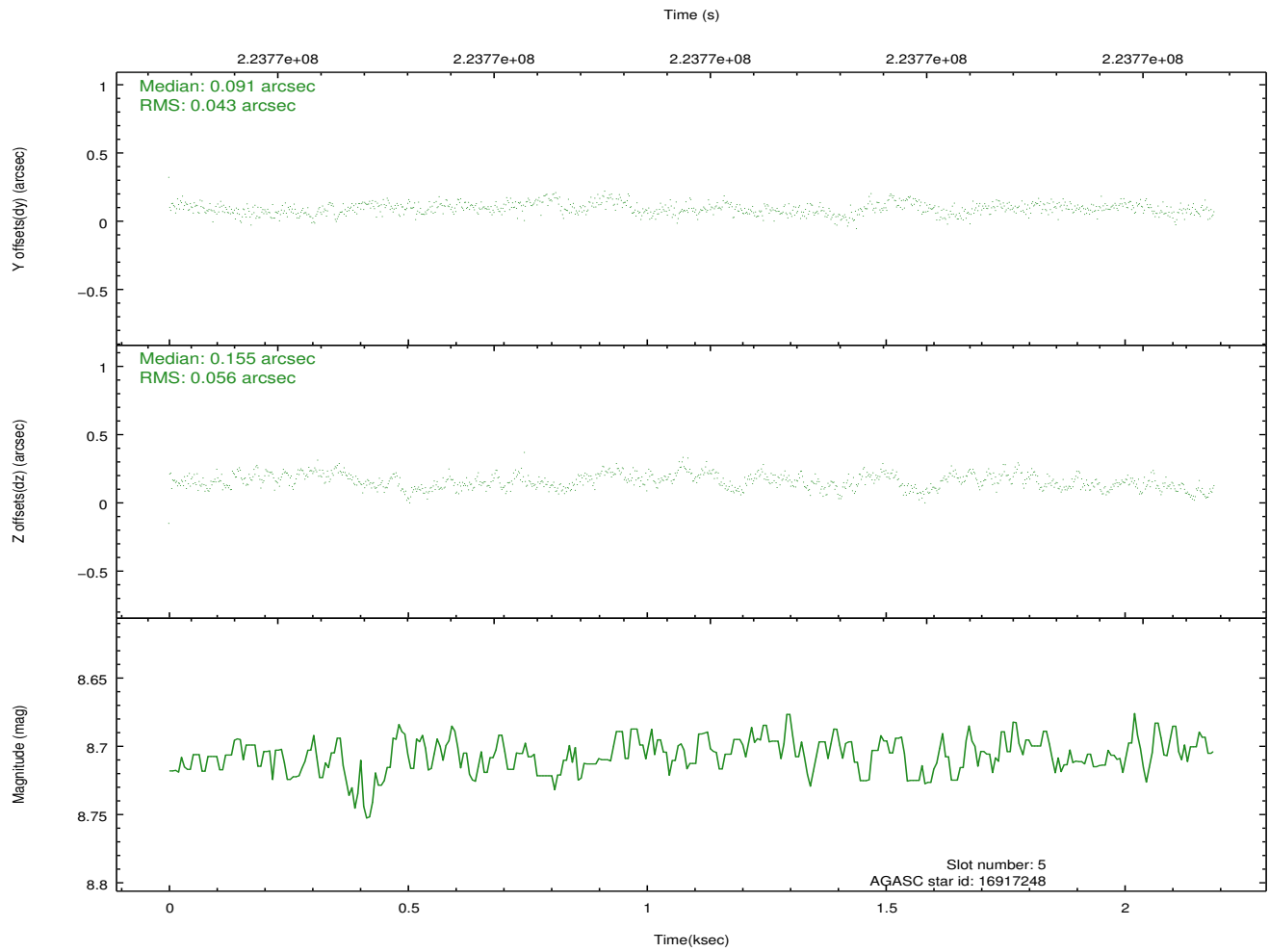
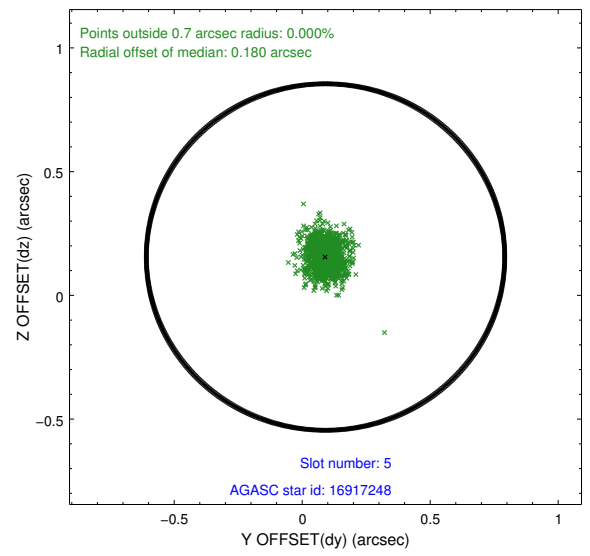
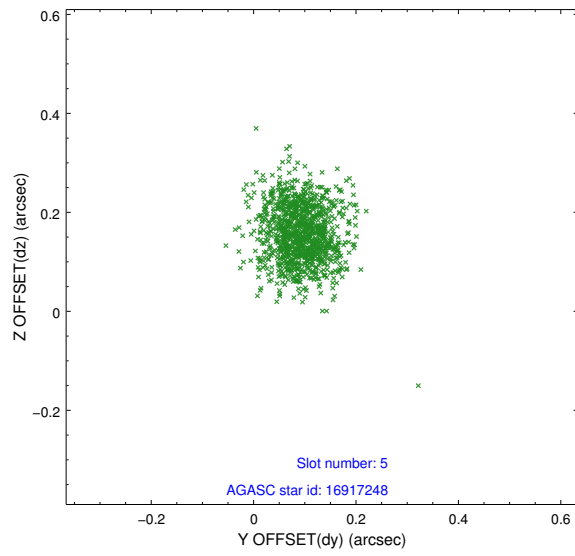
2.4.1 Slot 3



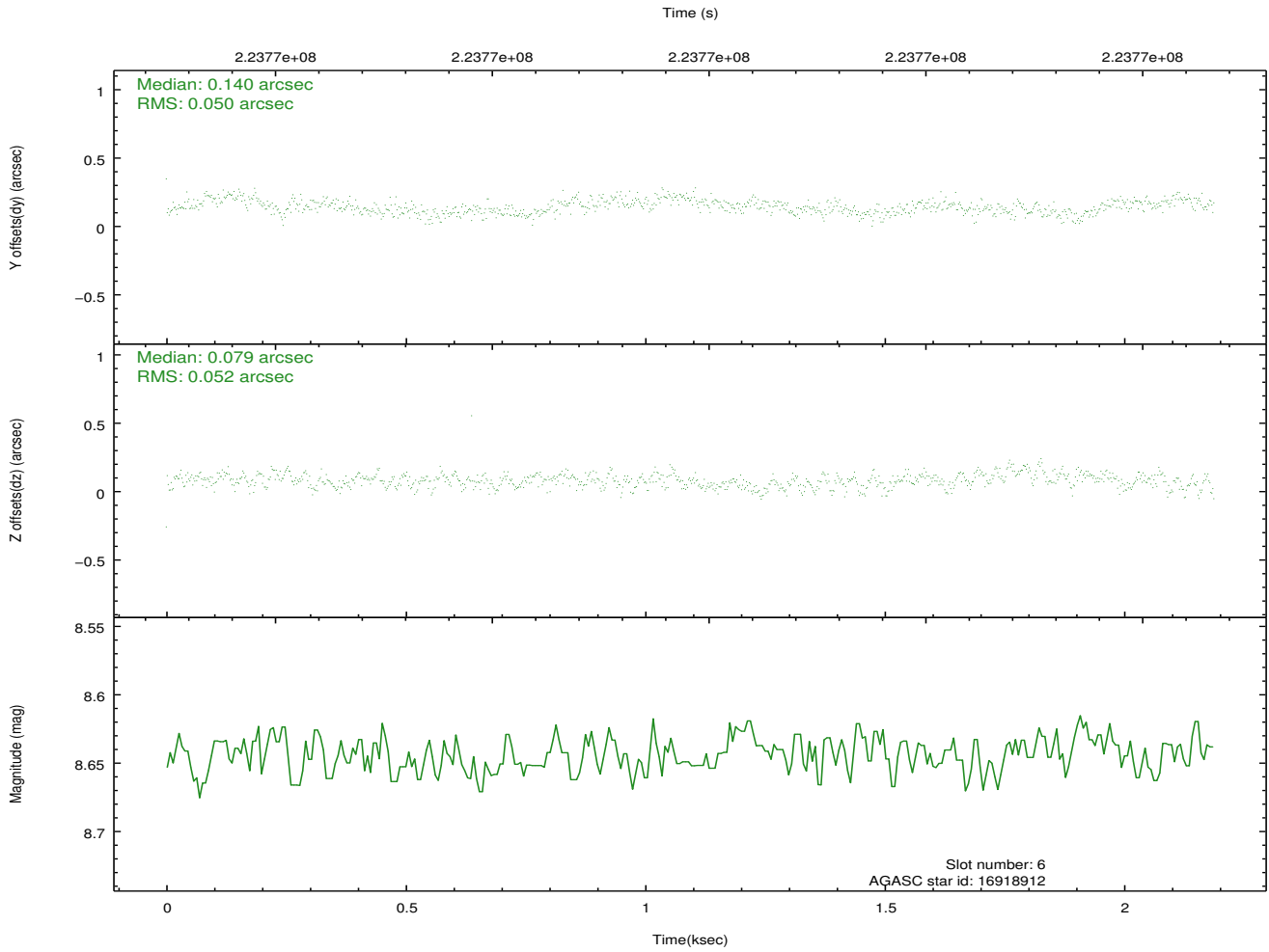
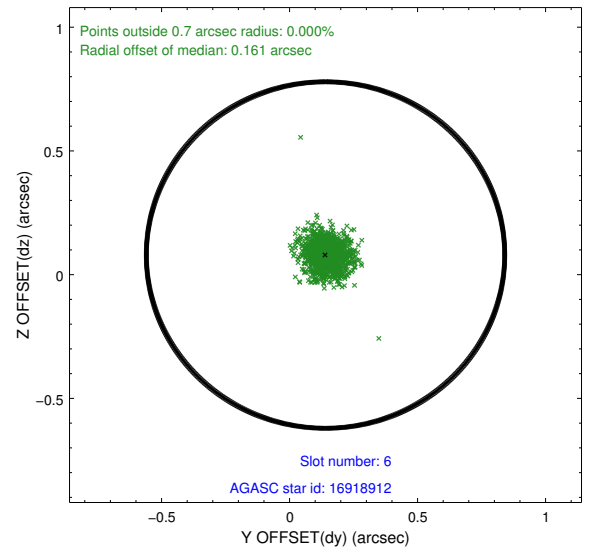
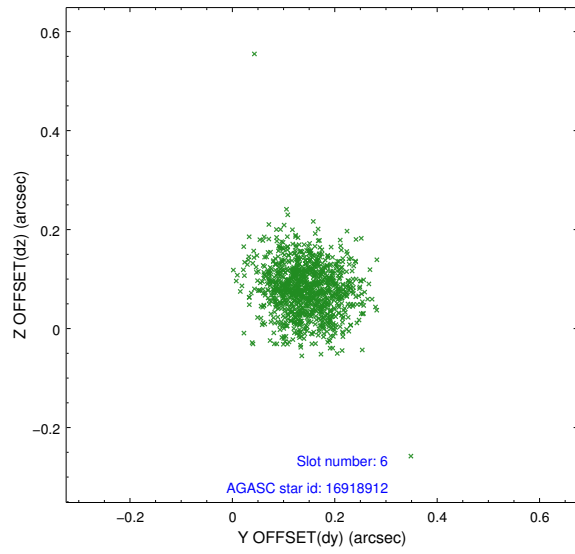
2.4.2 Slot 4



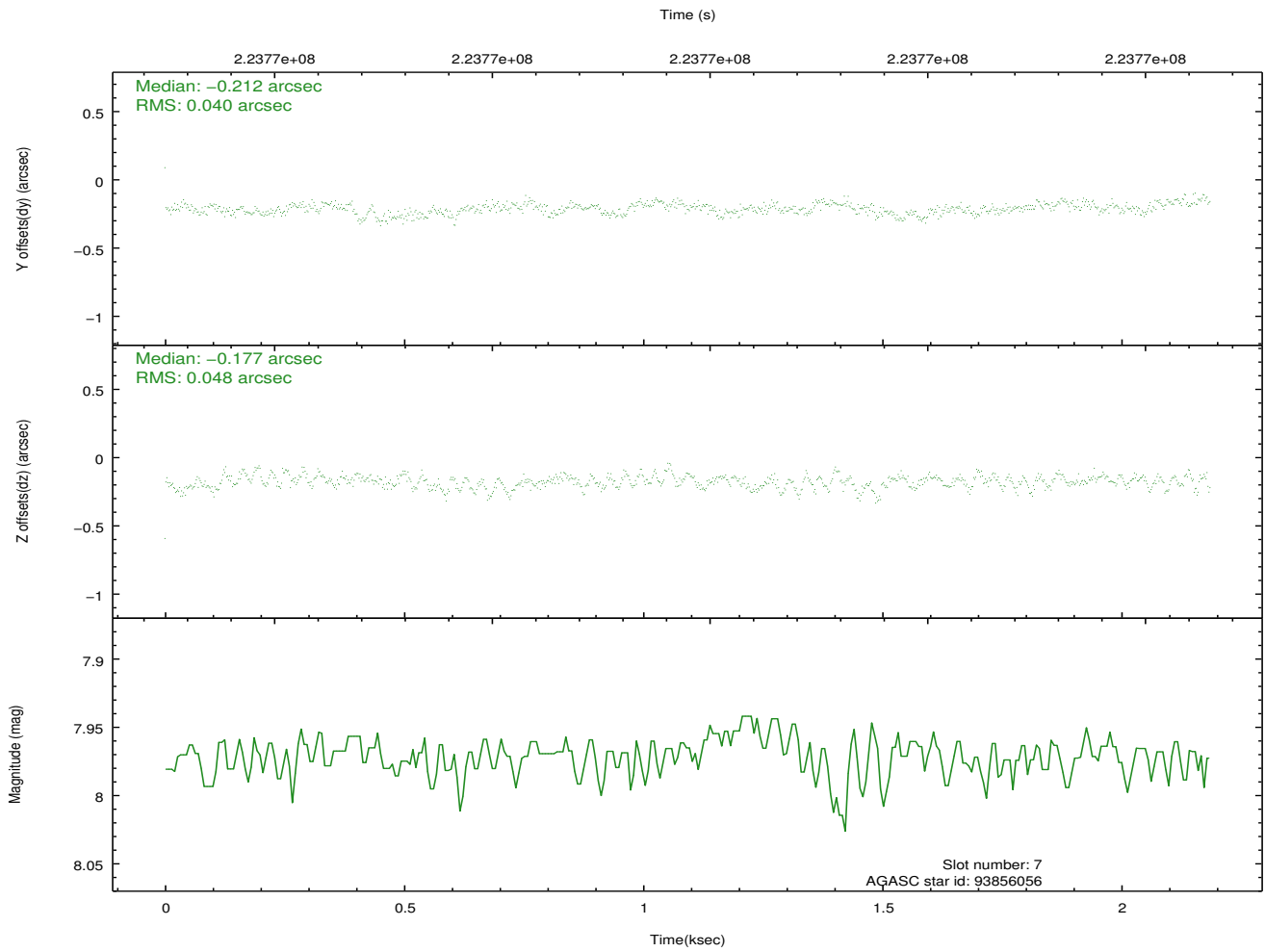
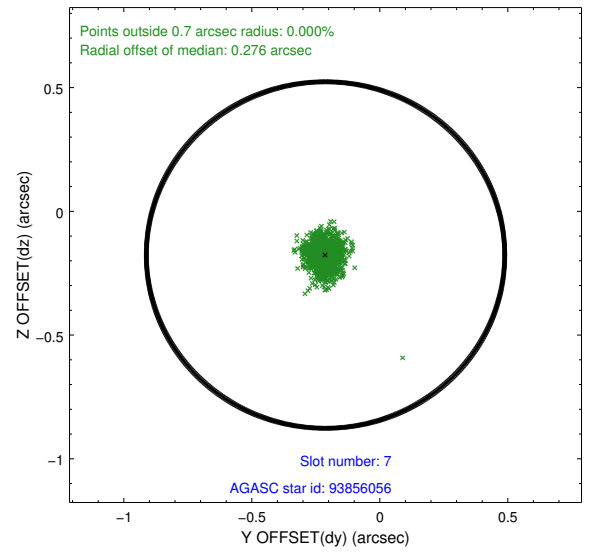
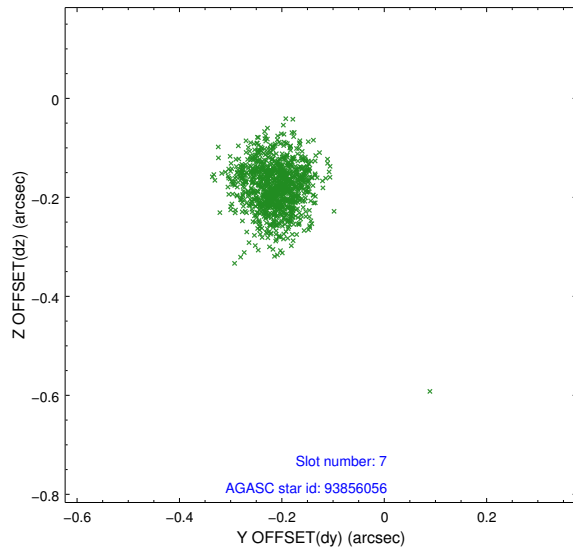
2.4.3 Slot 5



2.4.4 Slot 6

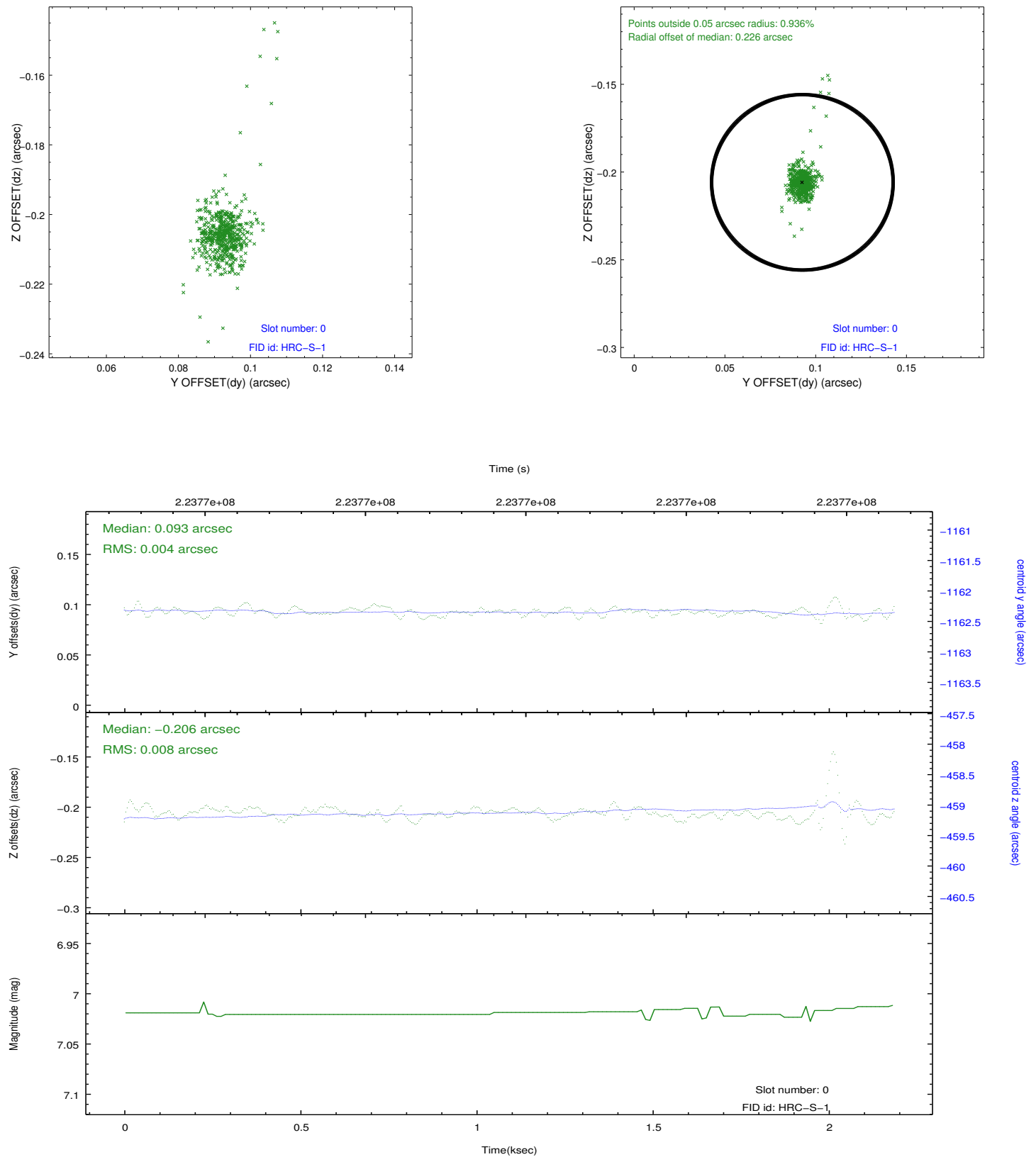


2.4.5 Slot 7

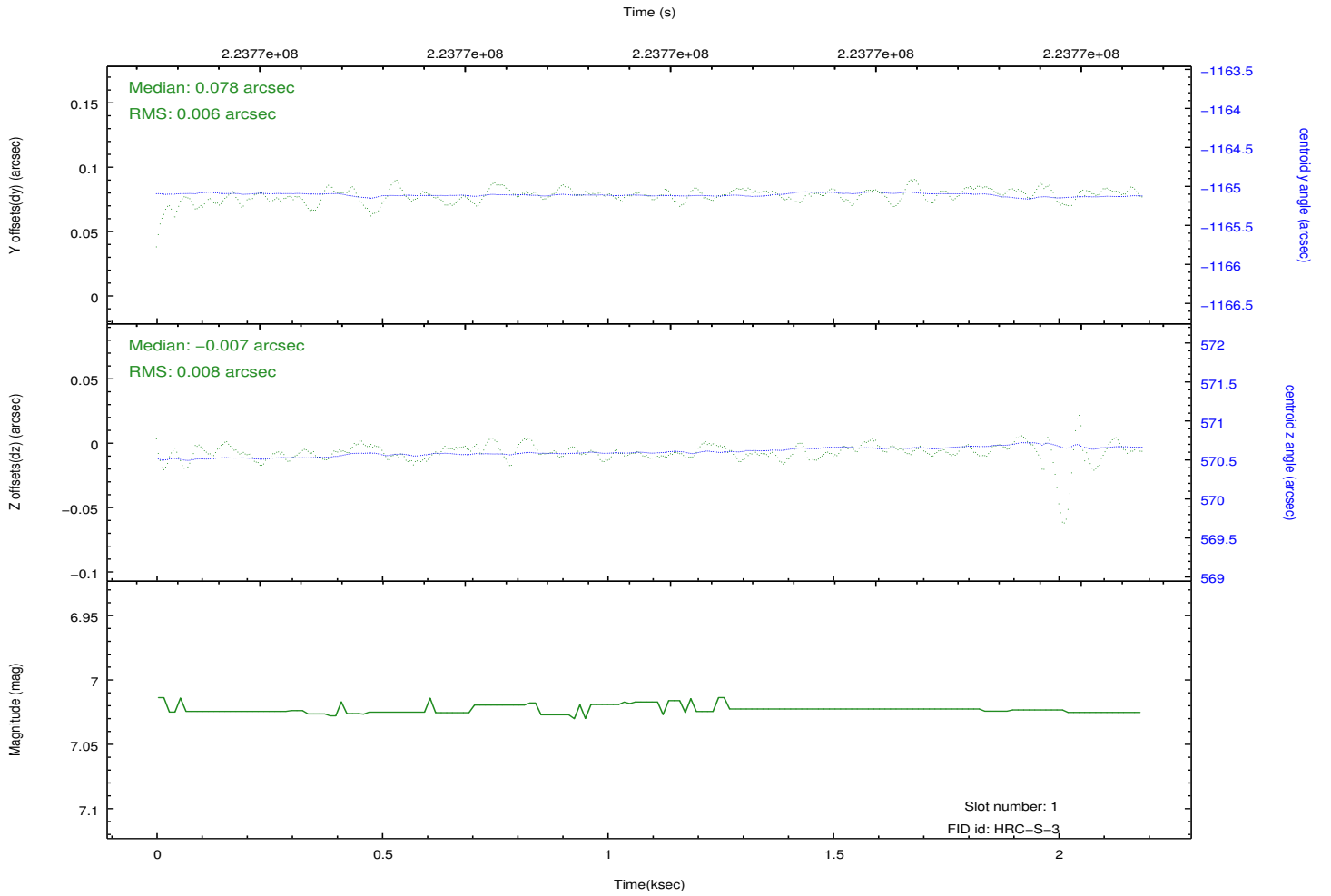
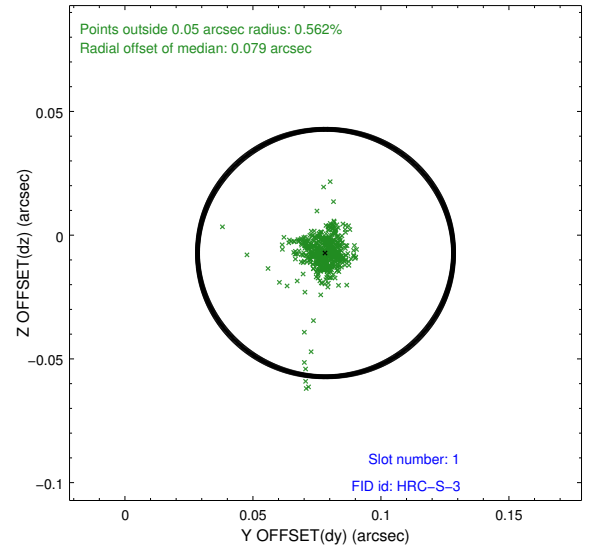
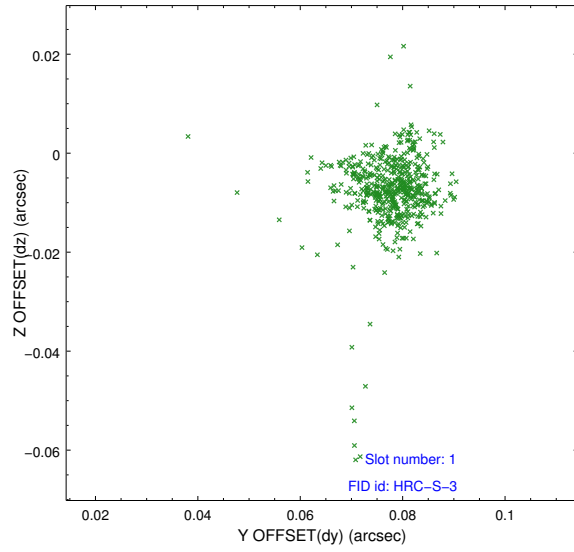


2.5 FID Slots

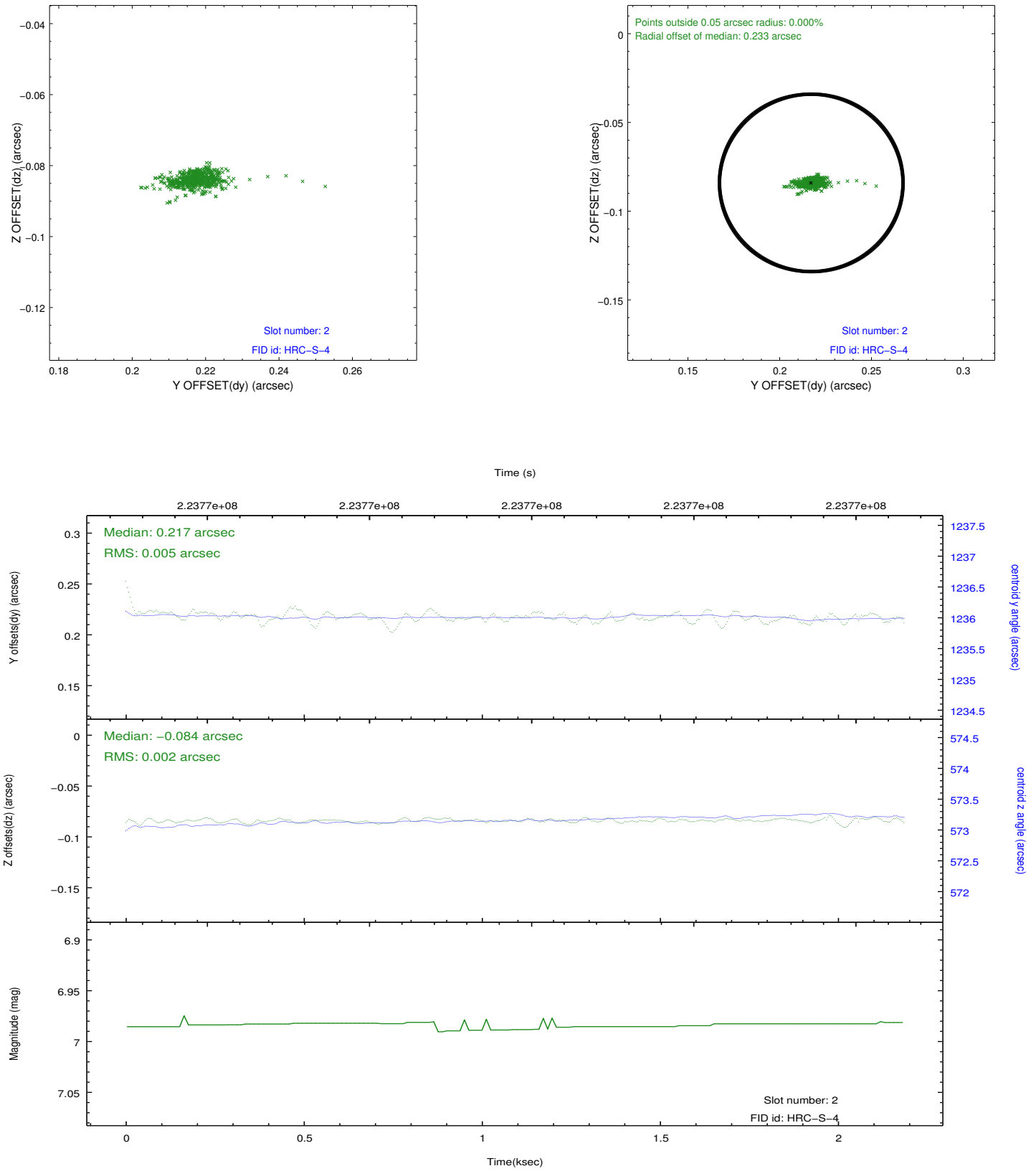
2.5.1 Slot 0



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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.159931

A.2 Comments

Window constraint met.