

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14247 - L2 Version 4
Chandra X-Ray Center

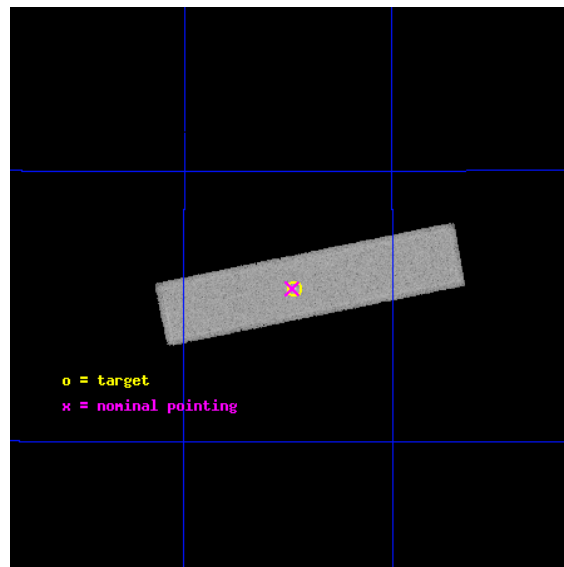
L2 Processing Date : Aug 10 2012

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1 Front

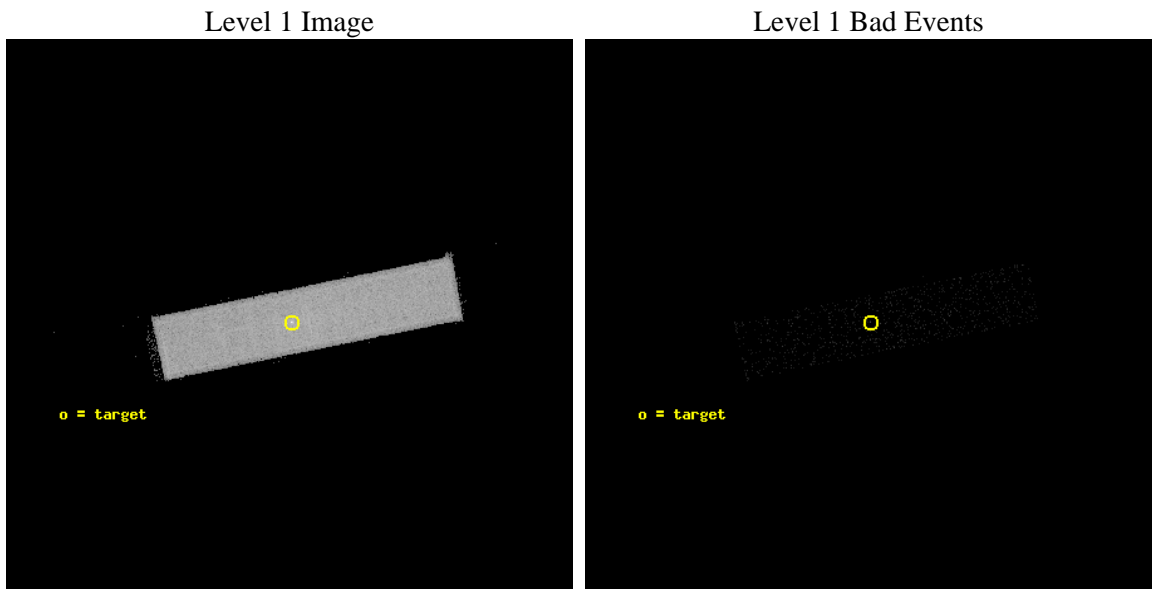
seq_num	291020	Sequence number
obs_id	14247	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24106270035	Nominal RA [deg]
dec_nom	38.783055212959	Nominal Dec [deg]
roll_nom	348.52813698975	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2158.9063639045	[s]
livetime	2143.9655405602	Ontime multiplied by DTCOR
l2events	107202	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	2158.9063639045	[s]
caldbver	4.5.1.1	 	l1events	133816	Number of level 1 events
date	2012-08-10T03:51:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

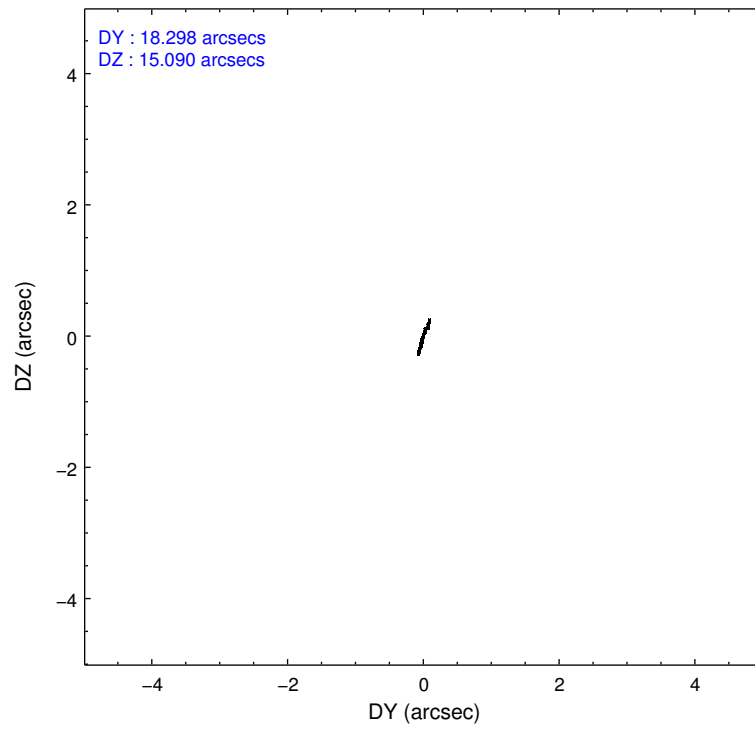
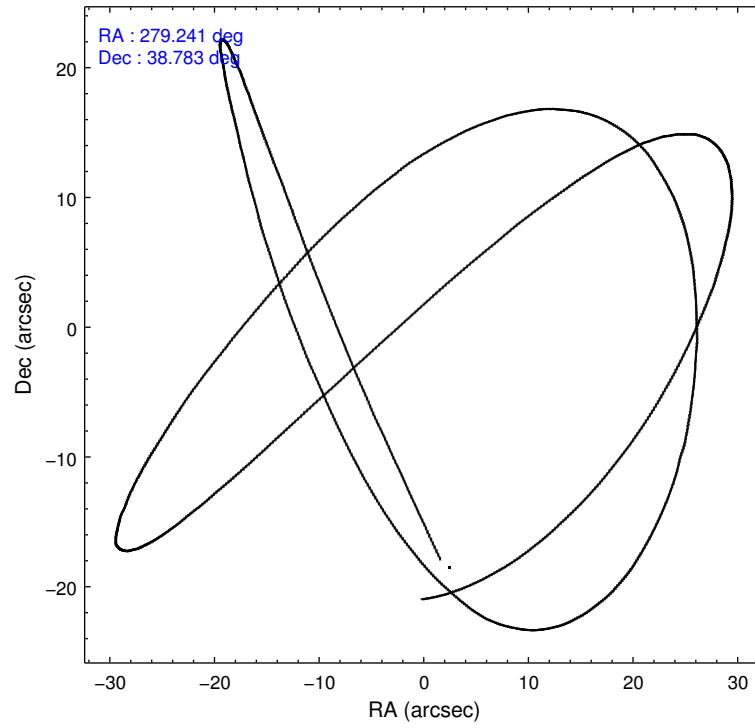
	segment 1	segment 2	segment 3
level 1 events	2	133804	10
rejected events	2	6015	10
rejected %	100%	4%	100%

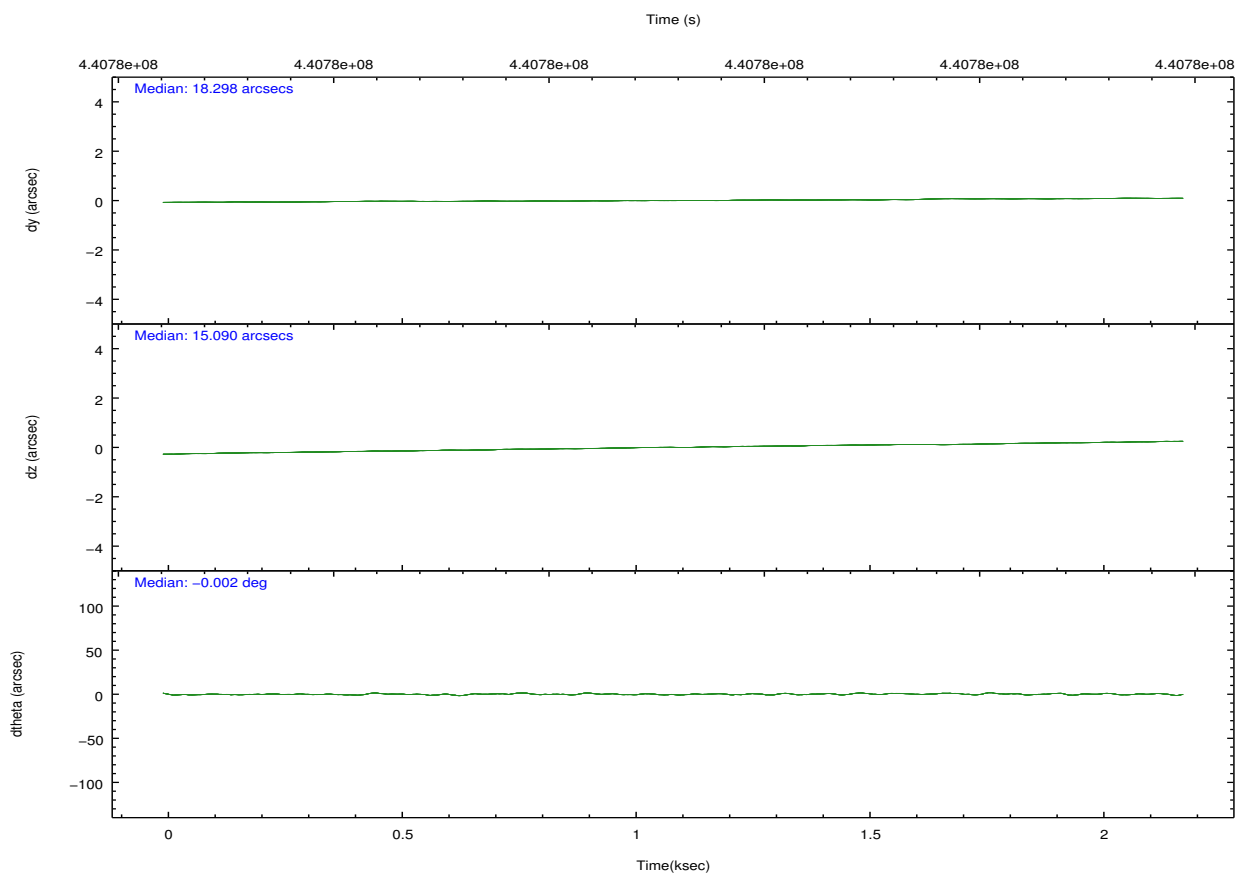
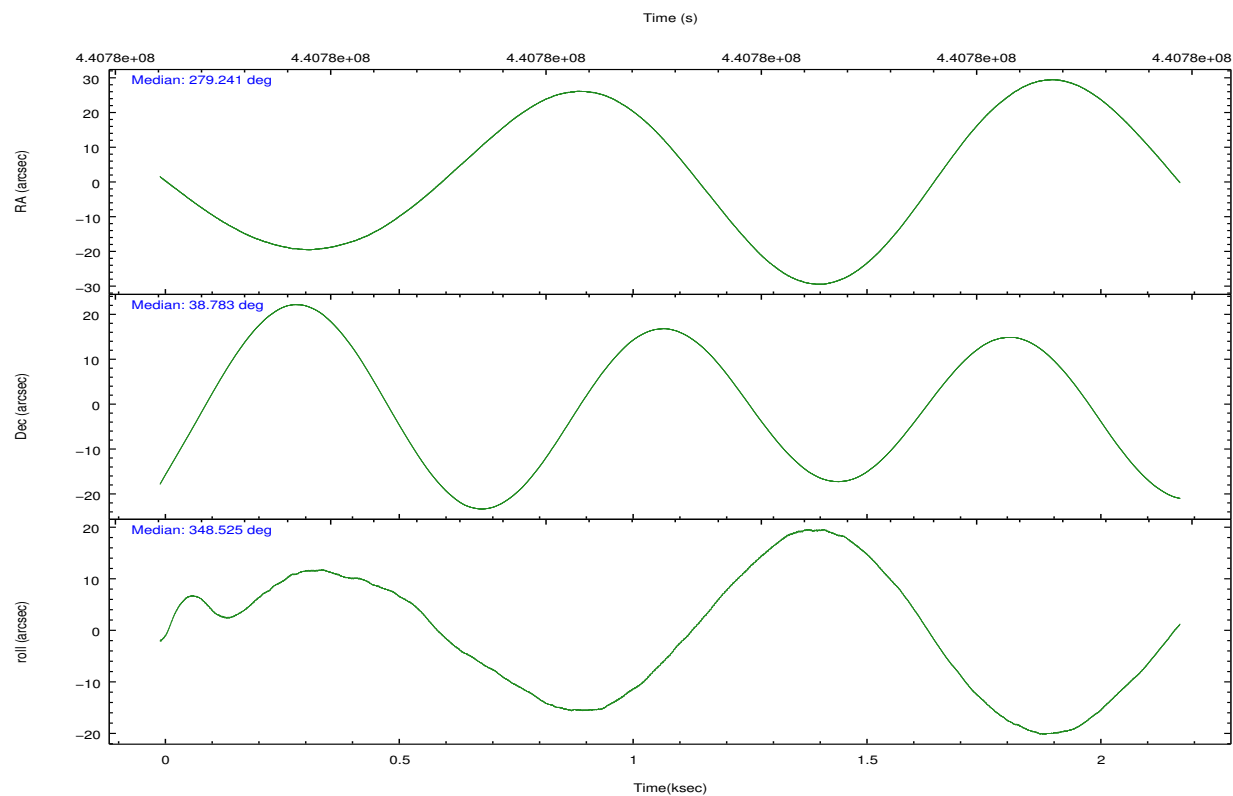
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	279.206681	279.2410627003542
[deg] Pointing Dec	38.772299	38.78305521295943
[deg] Pointing Roll	348.482354	348.528136989751
[s] Window start time (MET)	439084866.184000	439084866.184000
[s] Window stop time (MET)	444355266.184000	444355266.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	440779370.184000	440778991.14383
Observation start date	2011-12-20T14:41:44	2011-12-20T14:36:31
[s] Observation end time (MET)	440781370.184000	440782432.06901
Observation end date	2011-12-20T15:15:04	2011-12-20T15:33:52

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

2.3 Aspect



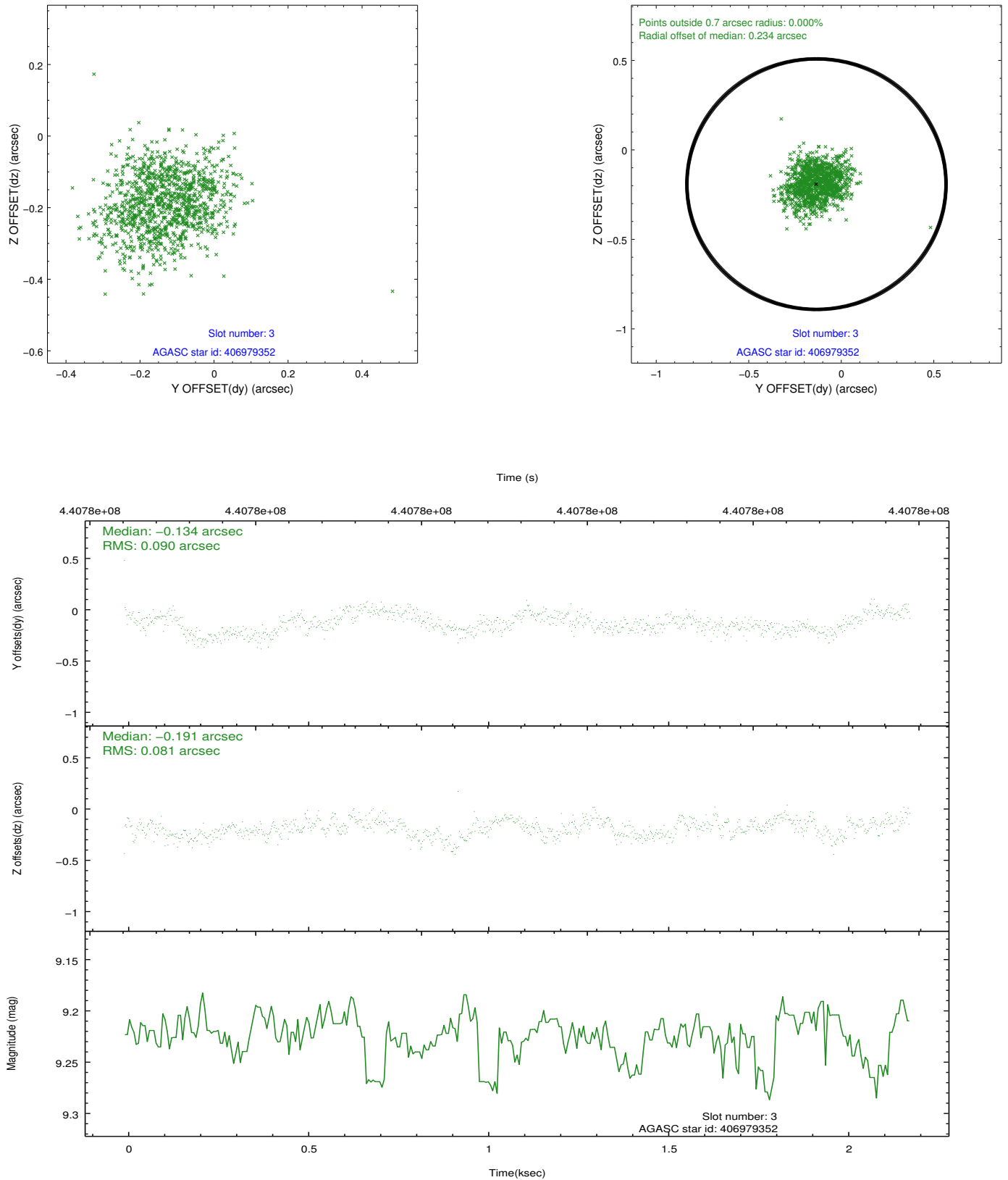


Slot Statistics

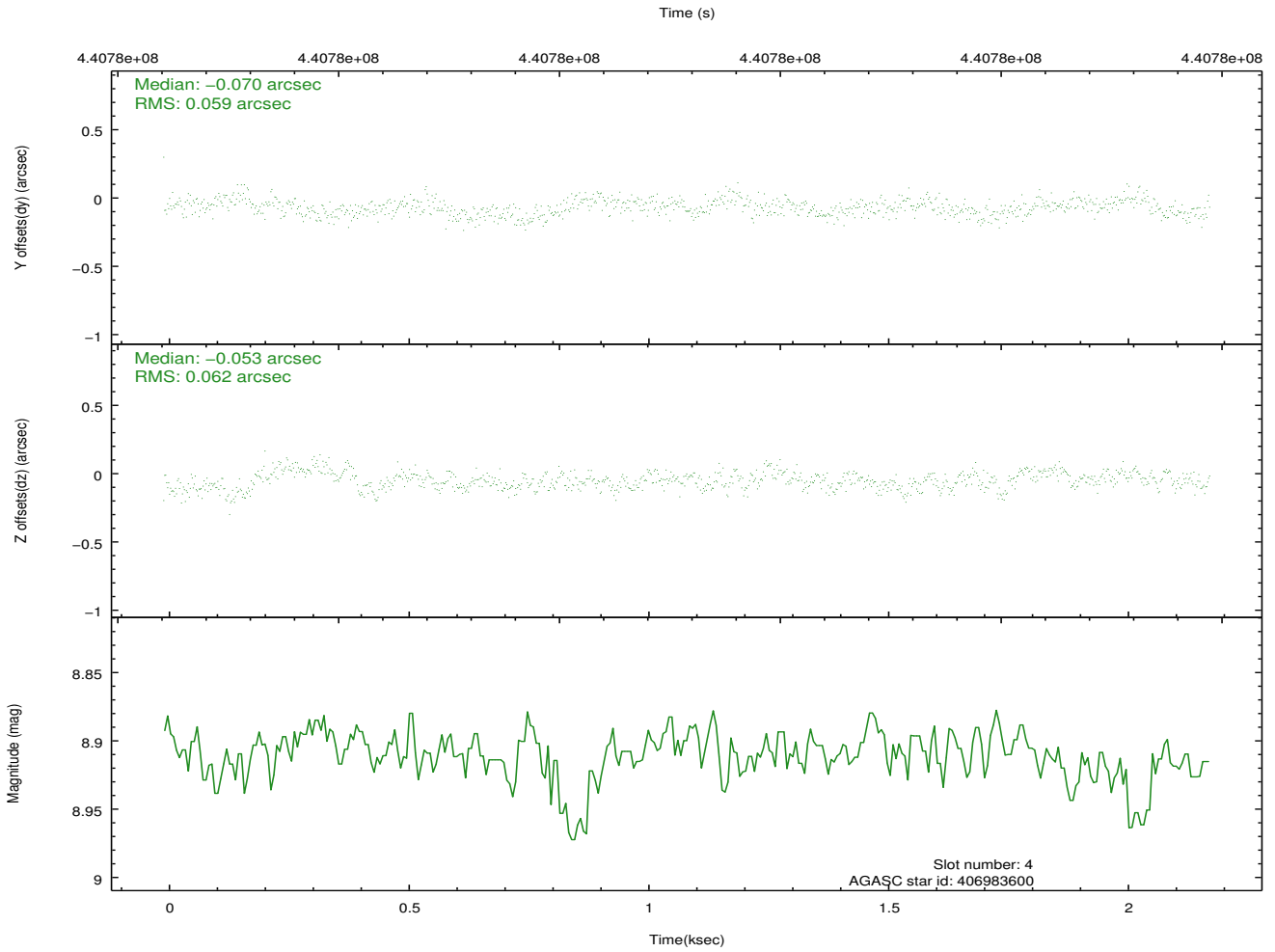
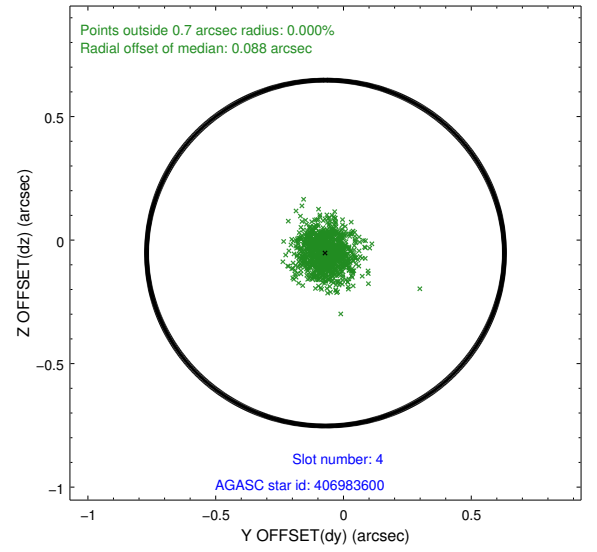
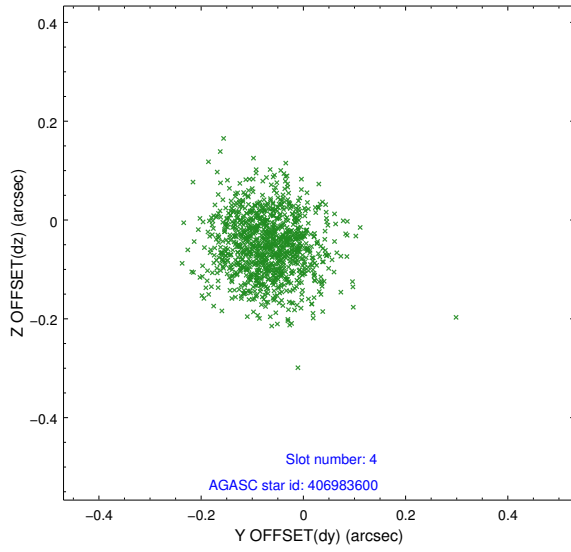
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.05	532	0.049	-0.240	0.007	0.012	0.000000	0.000000	-1172.83	-464.00
1	FID	HRC-S-2	7.03	532	0.265	-0.124	0.005	0.009	0.000000	0.000000	1224.84	-457.45
2	FID	HRC-S-3	7.06	532	0.075	0.062	0.007	0.012	0.000000	0.000000	-1173.20	564.96
3	GUIDE	406979352	9.22	1064	-0.134	-0.191	0.128	0.204	279.968297	39.230258	1750.89	2045.48
4	GUIDE	406983600	8.91	1065	-0.070	-0.053	0.090	0.146	279.940957	39.020708	1835.19	1294.70
5	GUIDE	406987272	6.94	1064	0.079	0.189	0.069	0.113	278.536588	38.437504	-1610.56	-1550.67
6	GUIDE	406989616	8.23	1065	0.038	0.107	0.083	0.132	279.202881	38.520843	169.12	-891.45
7	GUIDE	406990192	8.98	1063	0.086	-0.053	0.116	0.184	278.510952	38.533654	-1749.13	-1227.75

2.4 Star Slots

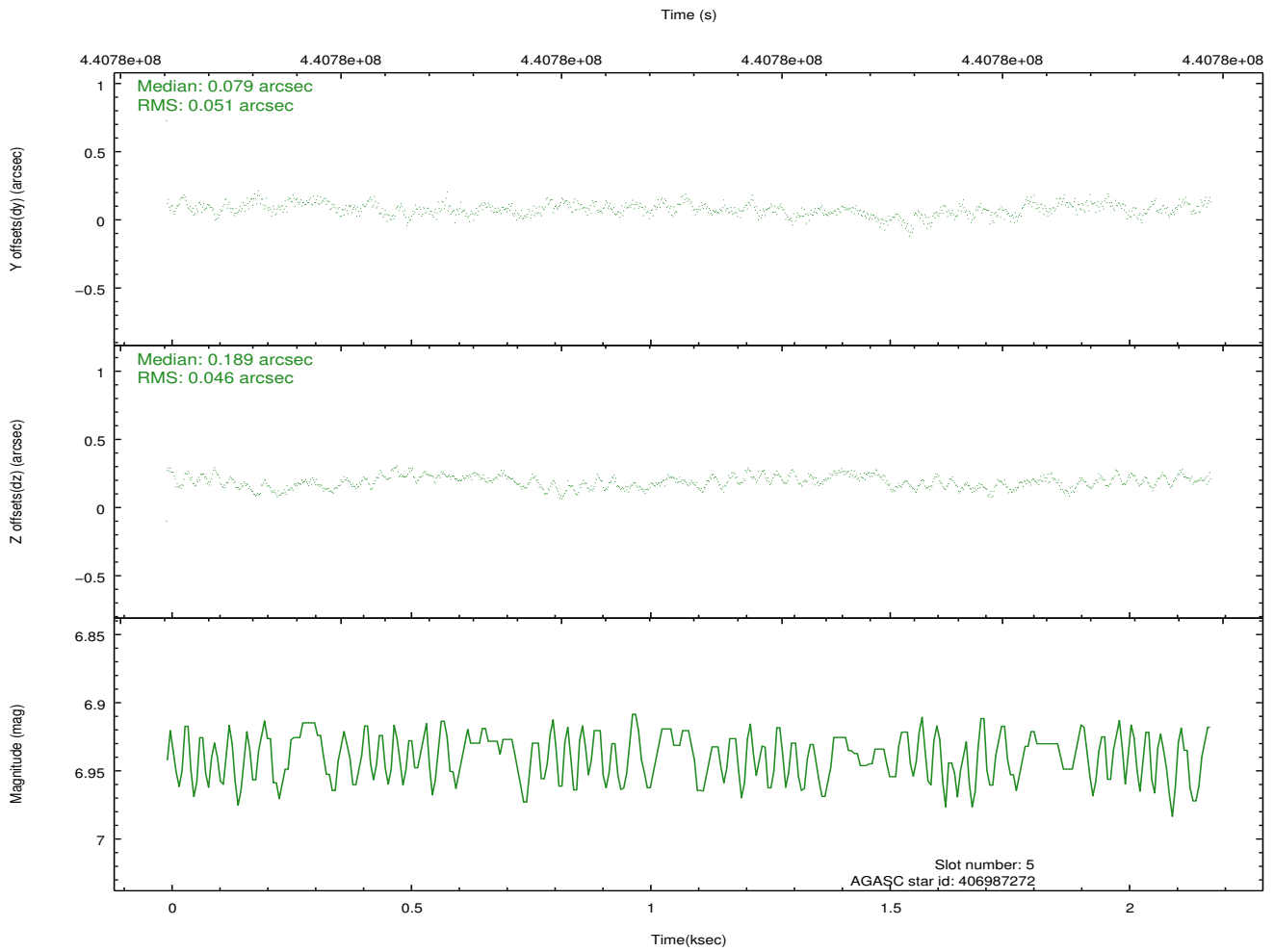
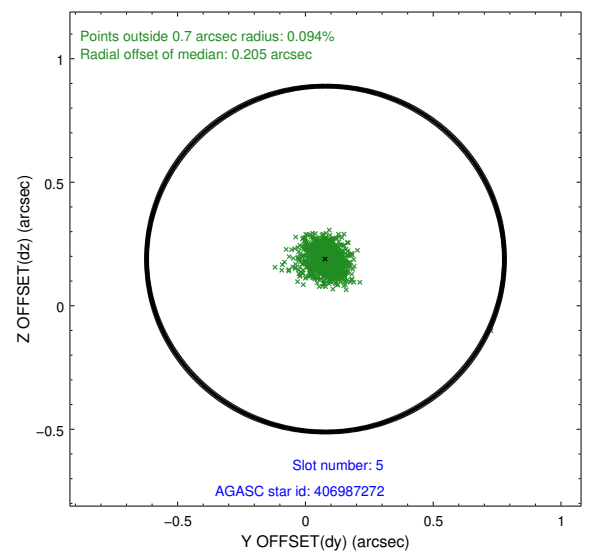
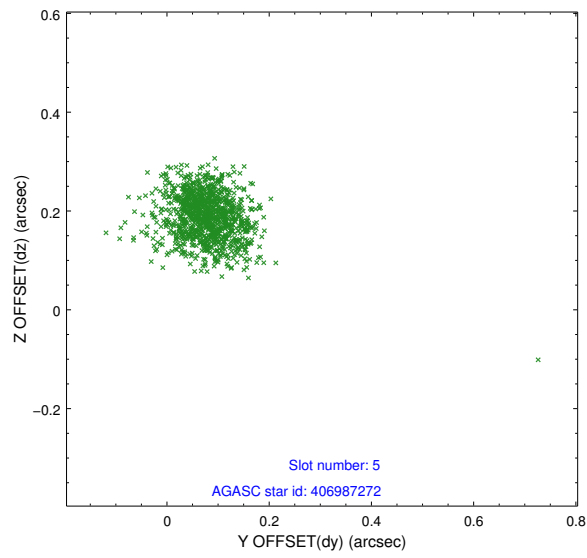
2.4.1 Slot 3



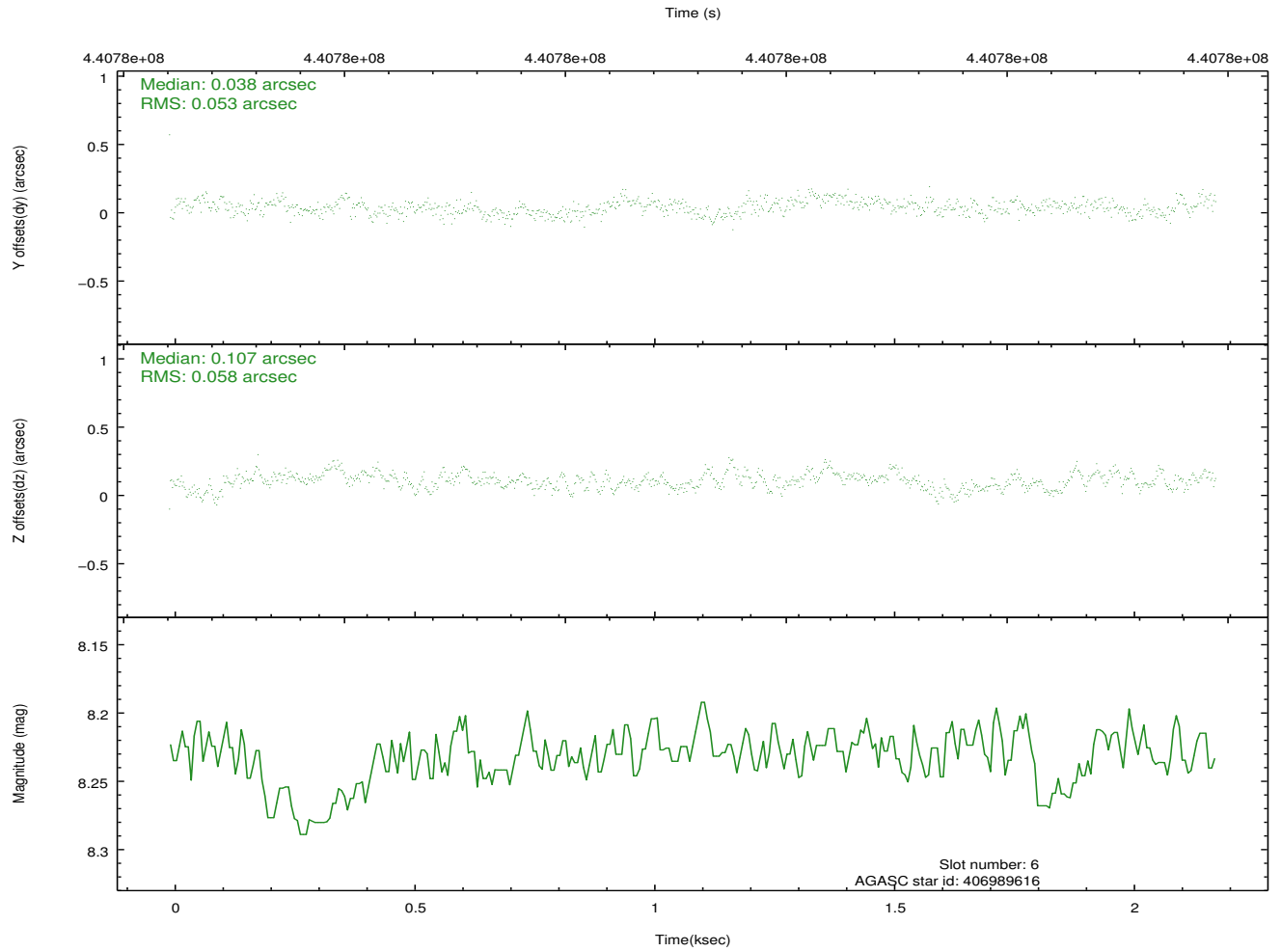
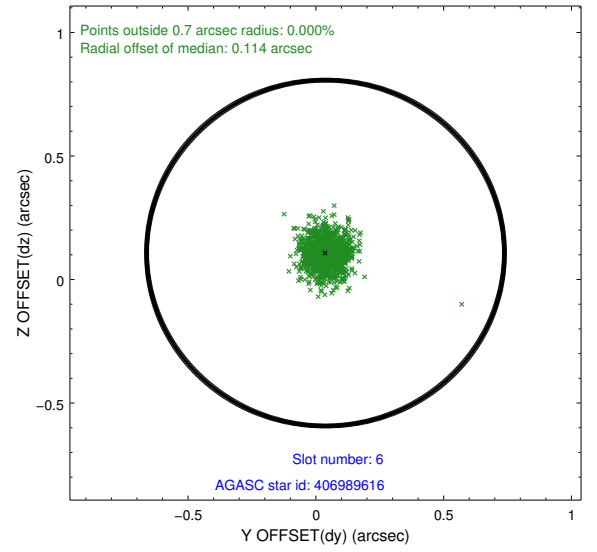
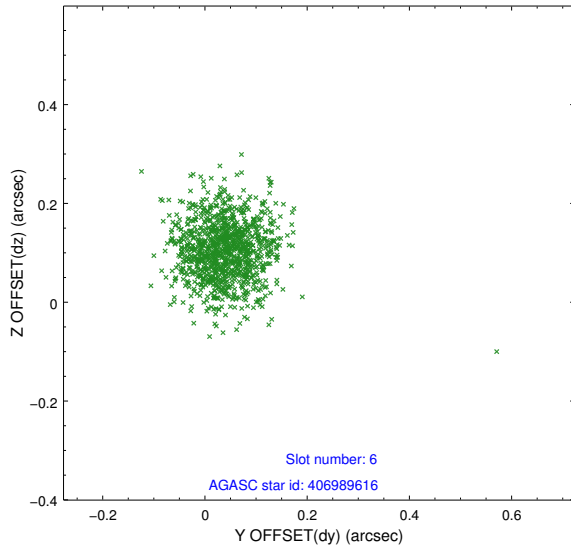
2.4.2 Slot 4



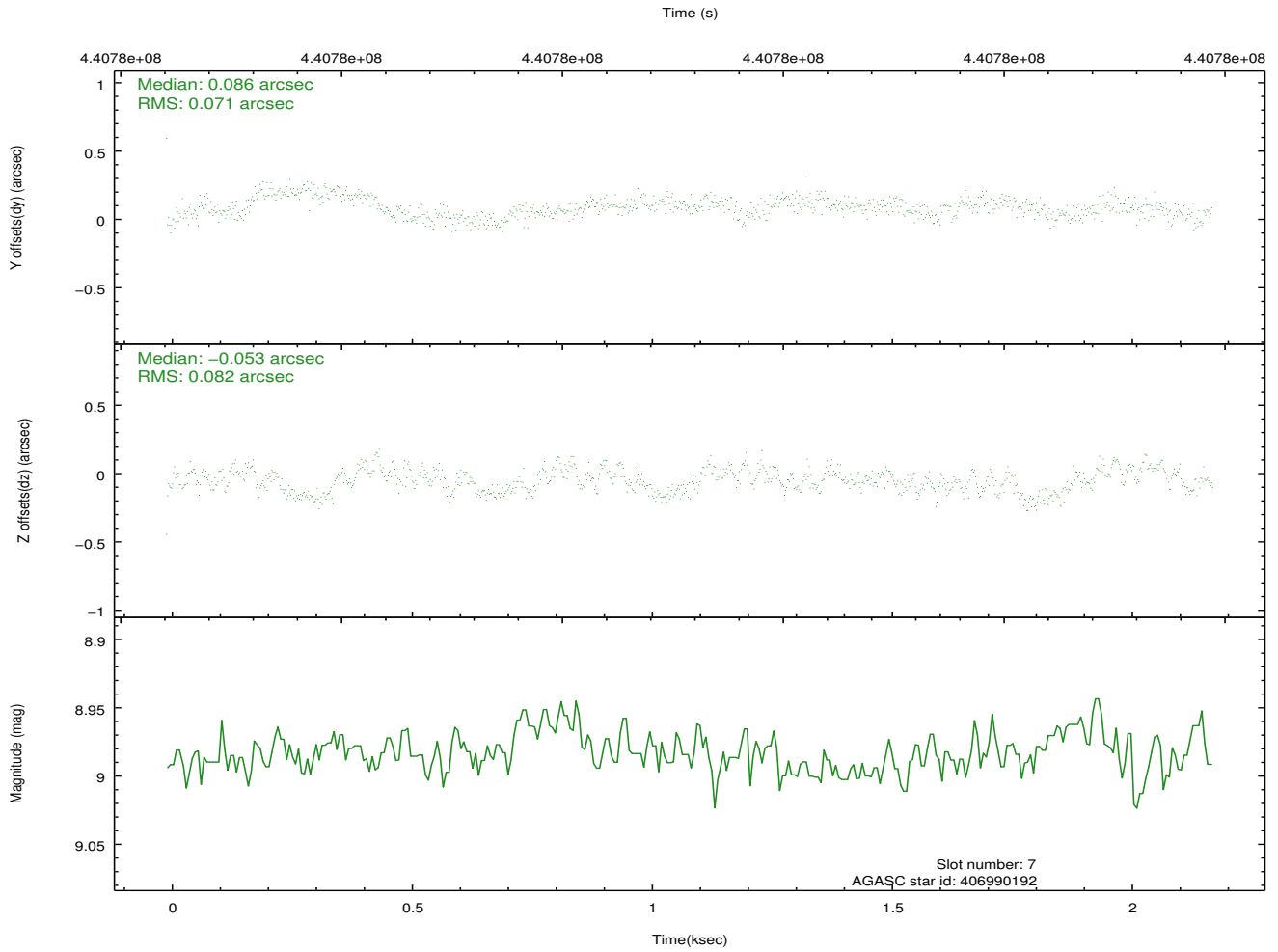
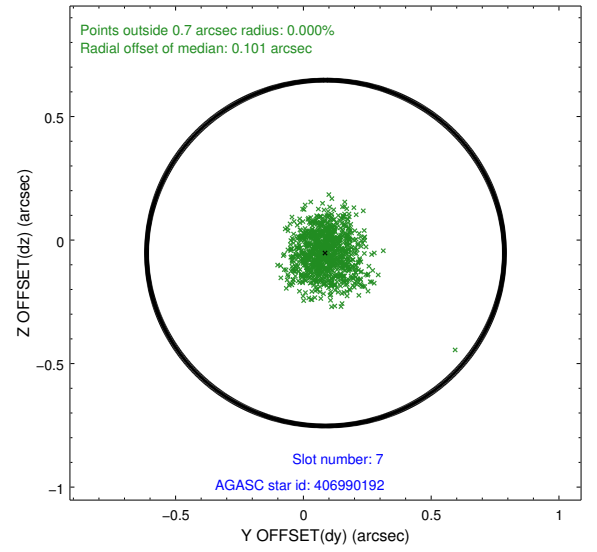
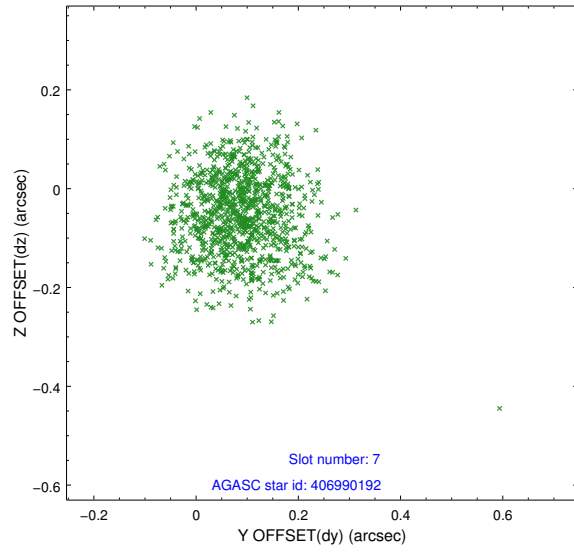
2.4.3 Slot 5



2.4.4 Slot 6

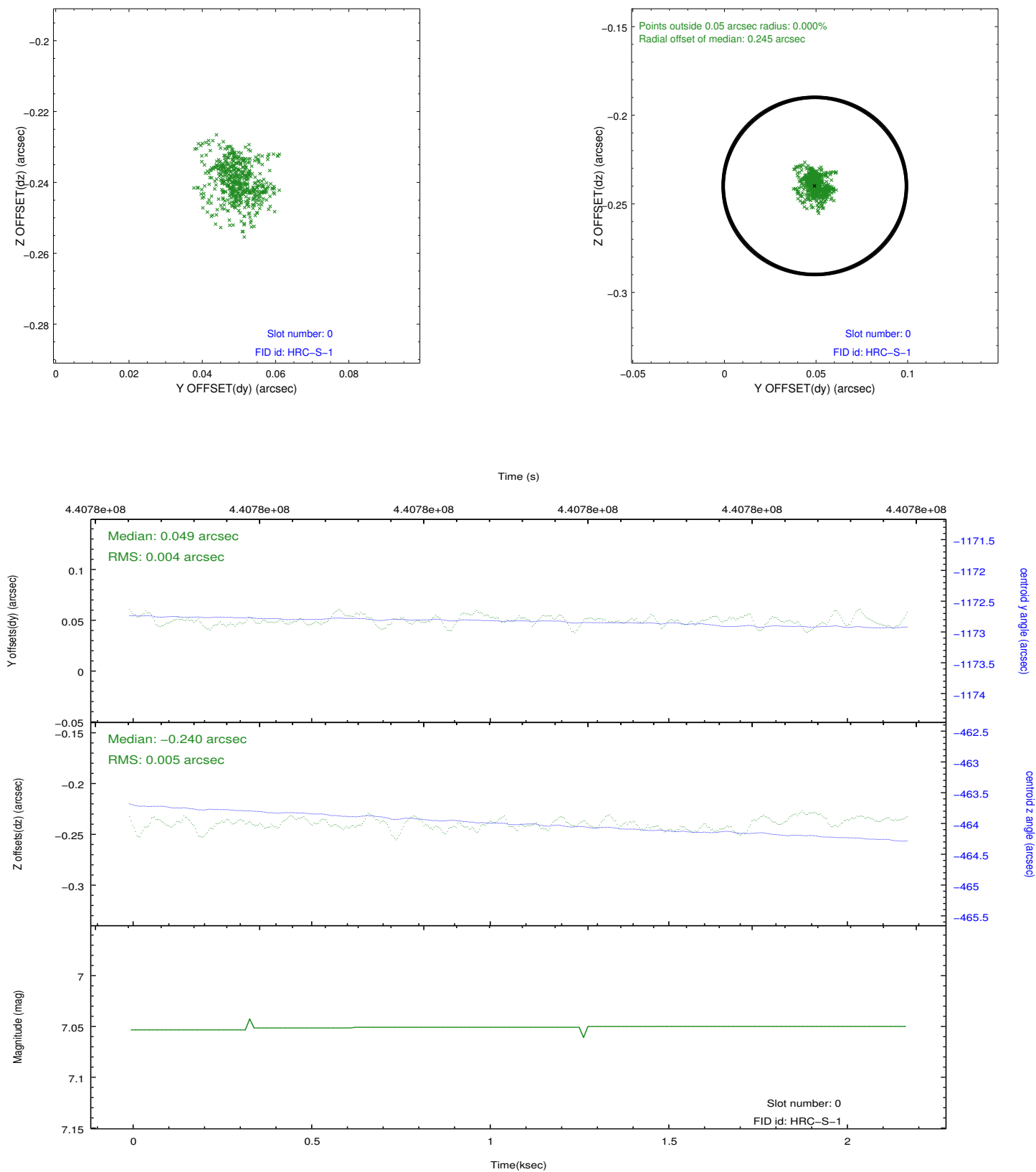


2.4.5 Slot 7

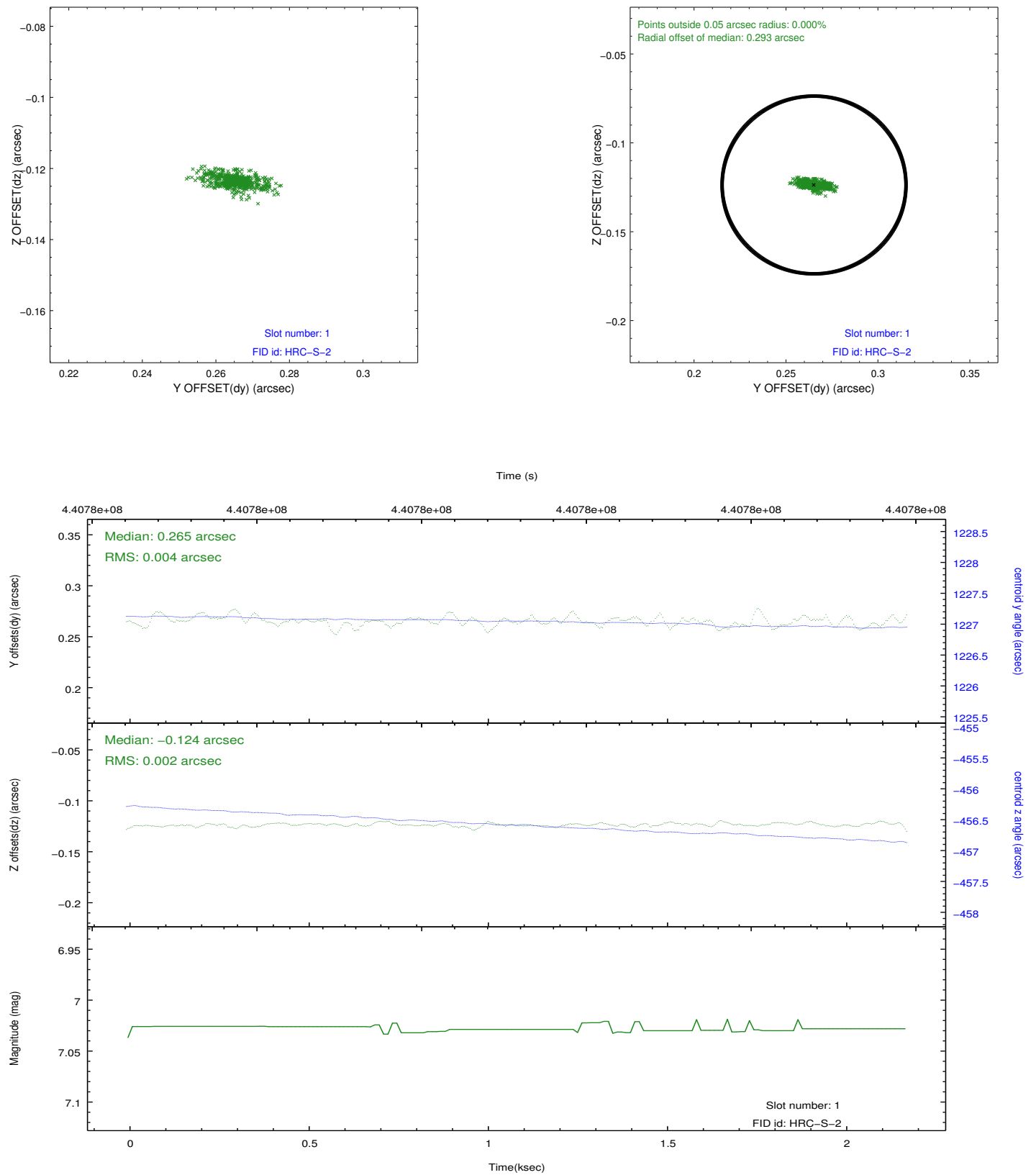


2.5 FID Slots

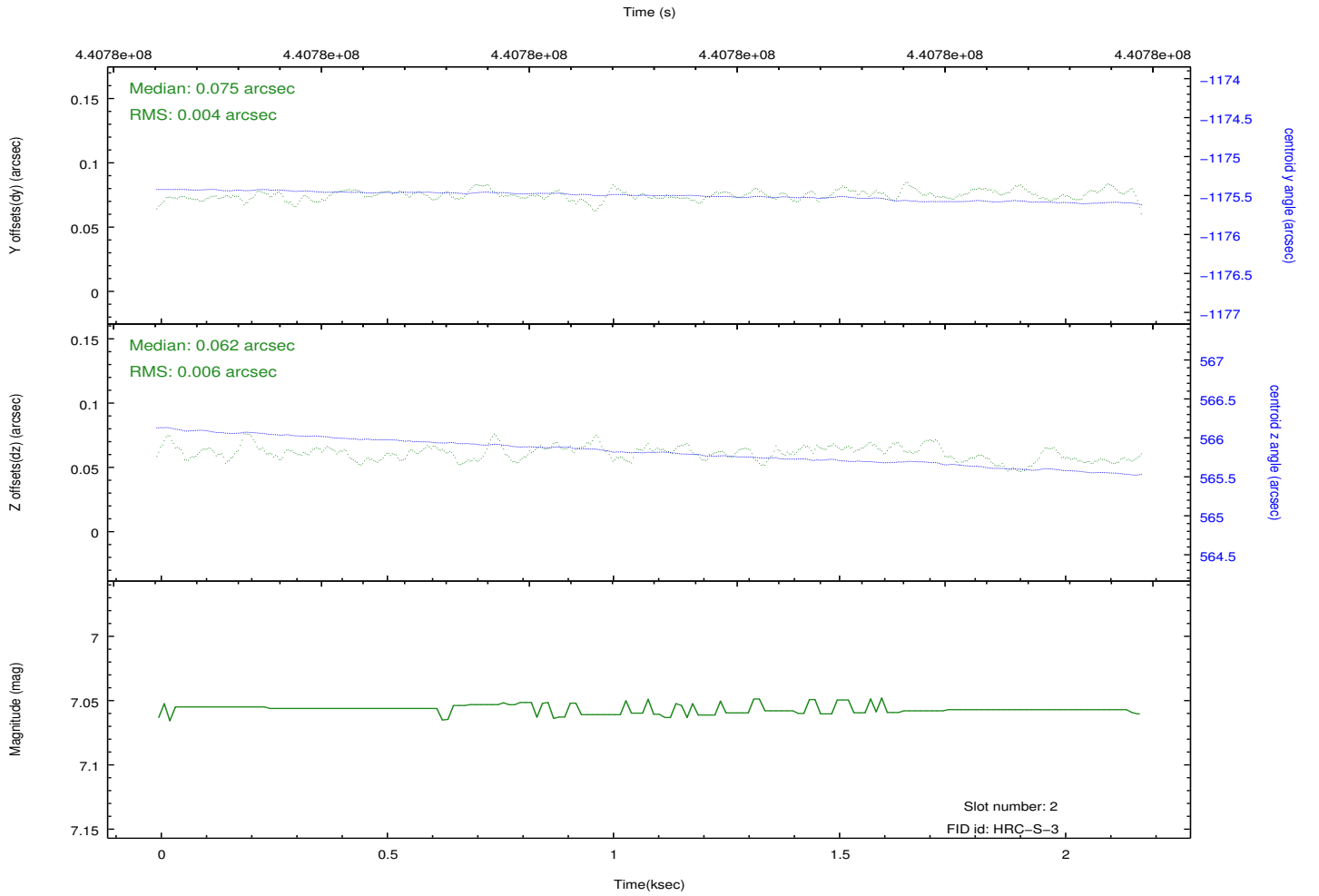
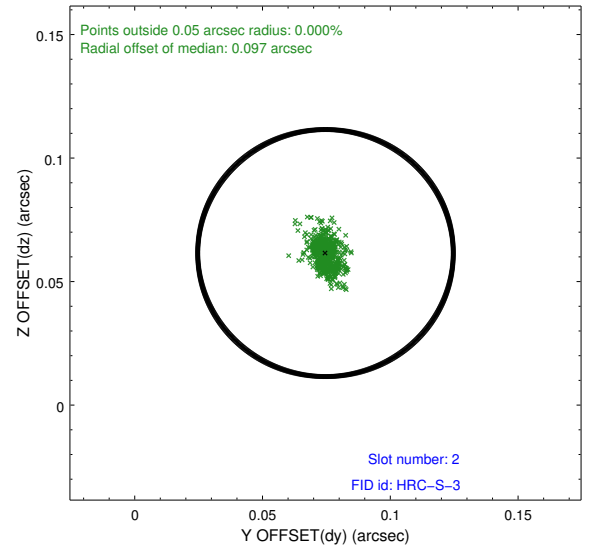
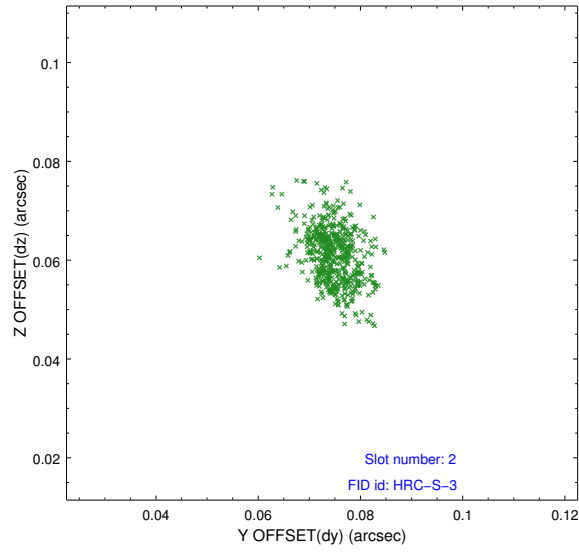
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1589063639641

A.2 Comments

Window preference met.