

V&V Reference Report

L2 ASCDS Version : 10.6

Observation 19845 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 25 2017

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1 Front

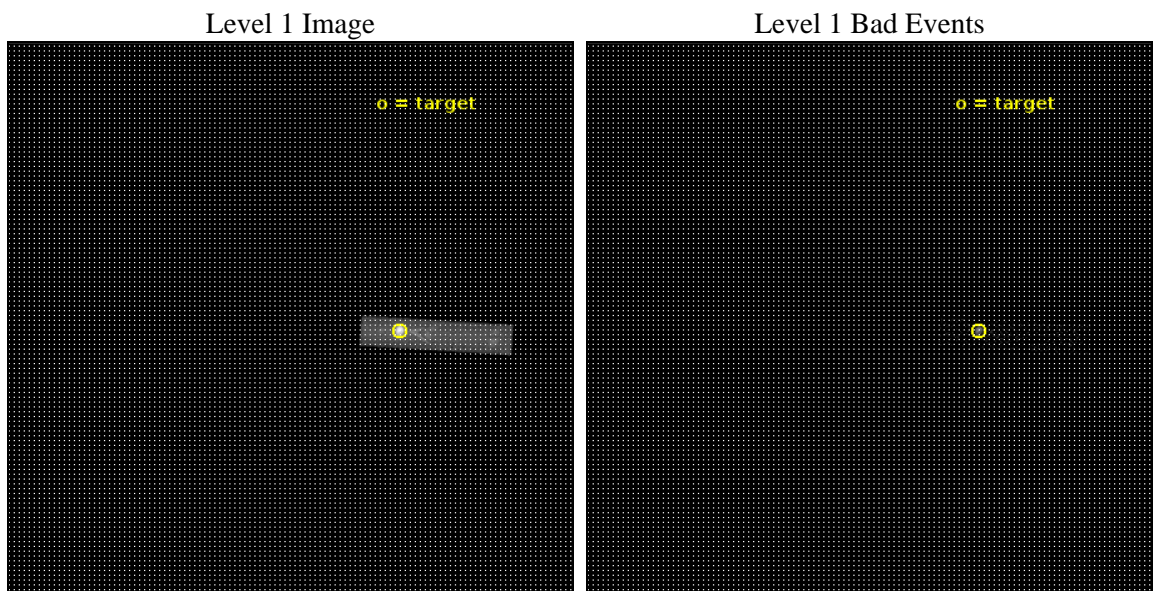
seq_num	291362	Sequence number
obs_id	19845	Observation id
title	AO-18 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235833	Observer's specified target RA [deg]
dec_targ	38.78475	Observer's specified target Dec [deg]
ra_nom	279.75968778946	Nominal RA [deg]
dec_nom	38.805127409905	Nominal Dec [deg]
roll_nom	183.73885183618	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1139.0313165188	[s]
livetime	485.59597409724	Ontime multiplied by DTCOR
l2events	201142	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	10.6	Processing system revision	ontime	1139.0313165188	[s]
caldsver	4.7.5	 	l1events	338978	Number of level 1 events
date	2017-06-26T03:12:13	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

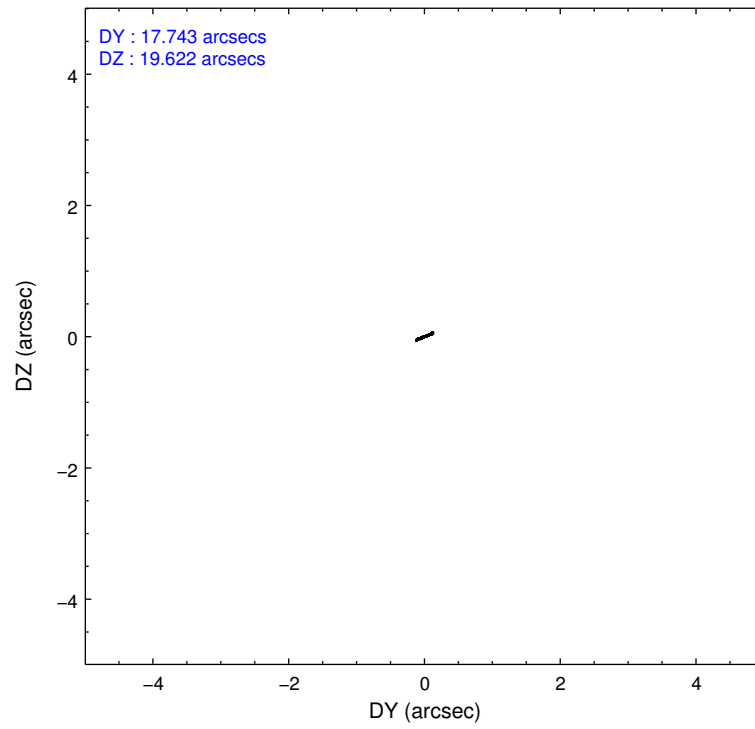
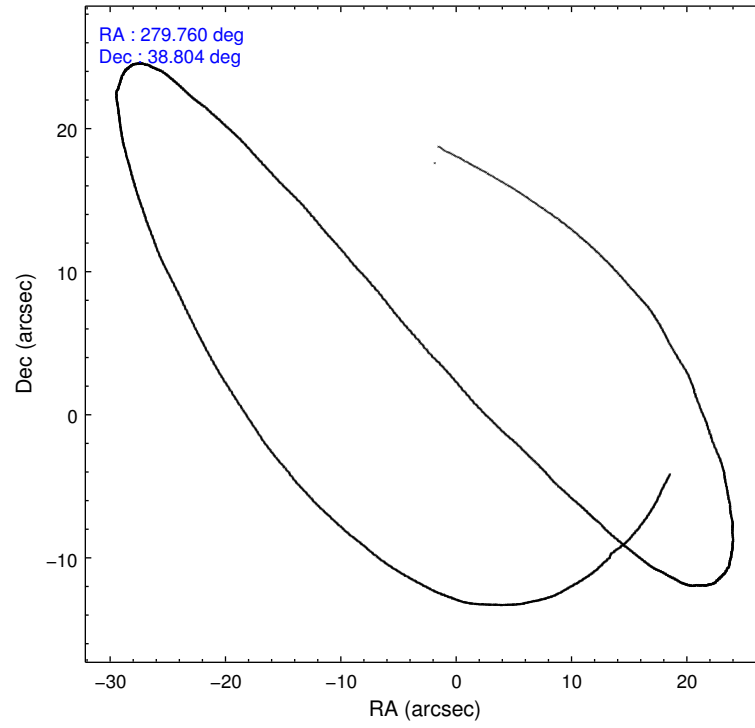
	segment 1	segment 2	segment 3
level 1 events	13	40	338925
rejected events	13	28	128912
rejected %	100%	70%	38%

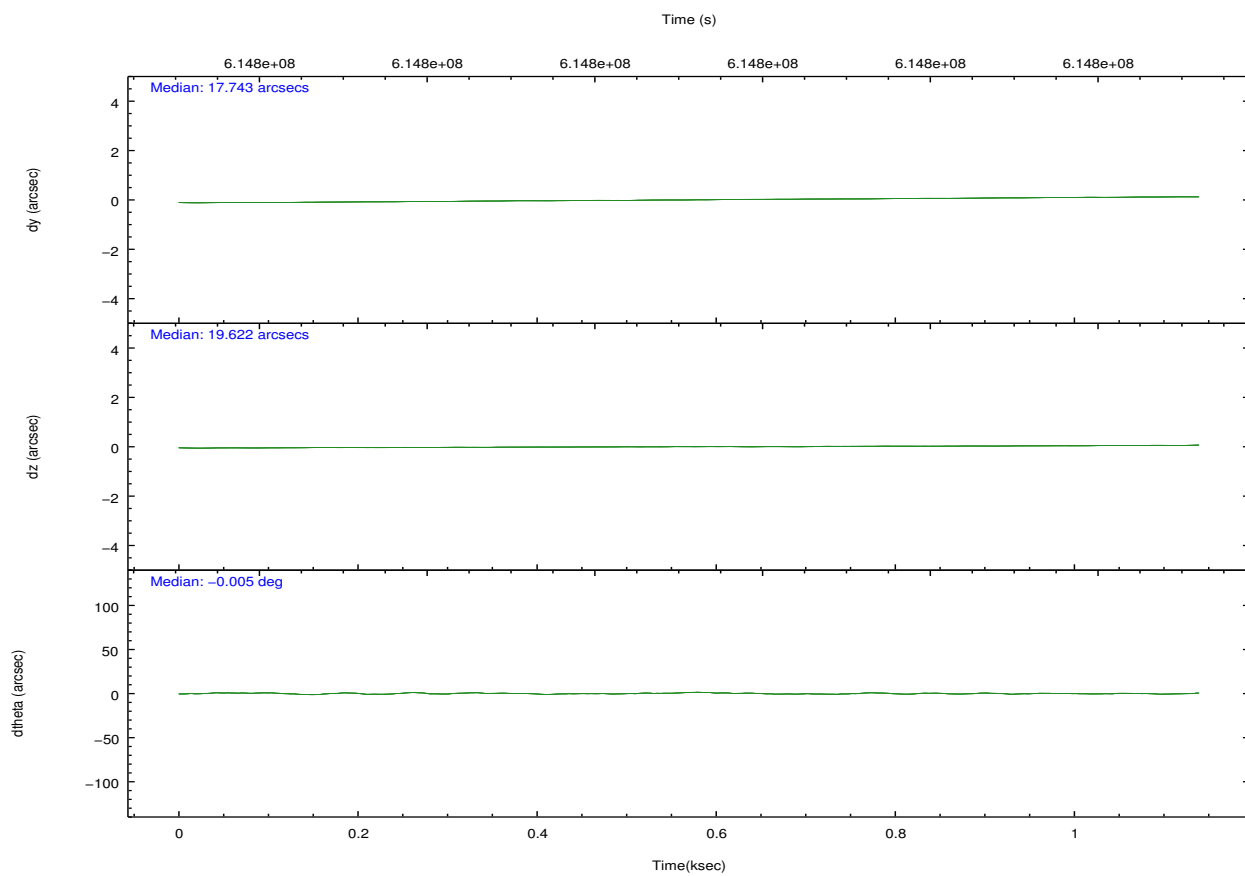
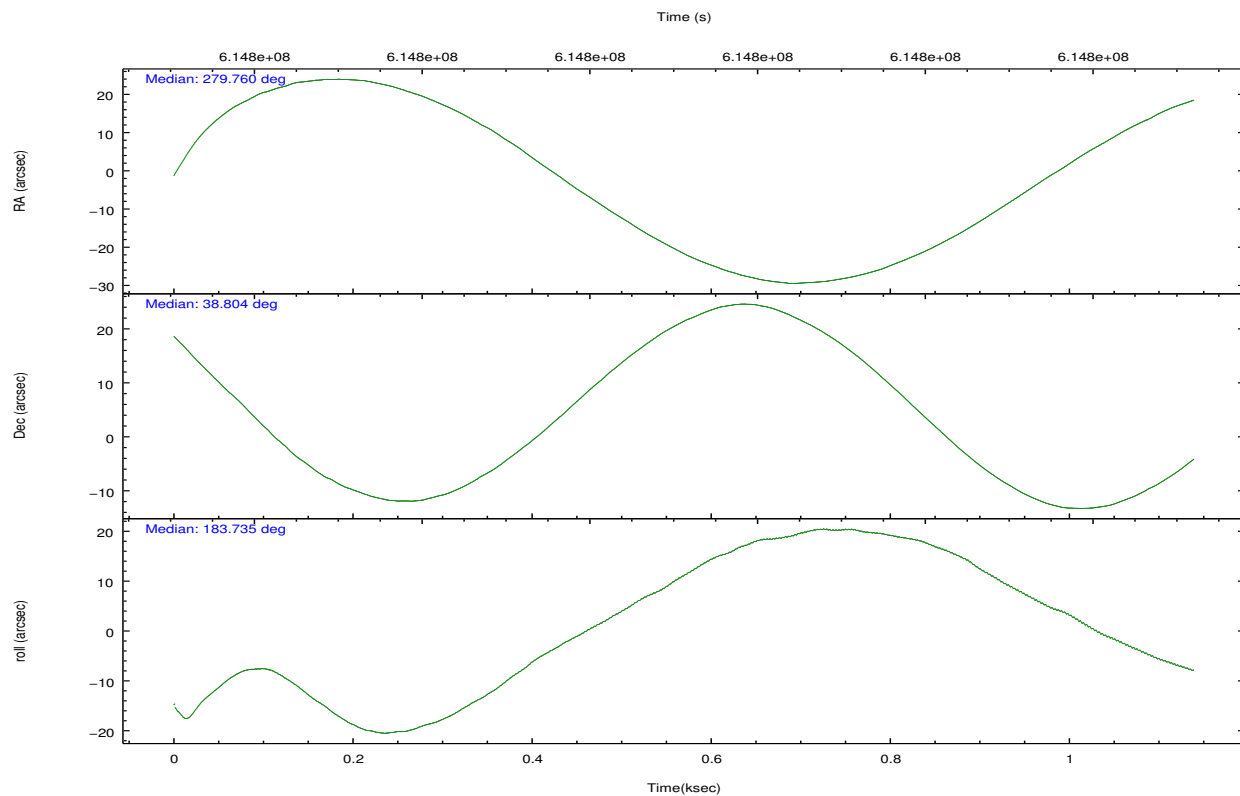
2.2 Compared Parameters

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	279.789324	279.7596877894613
[deg] Pointing Dec	38.823331	38.80512740990479
[deg] Pointing Roll	183.653228	183.7388518361842
[s] Window start time (MET)	612662469.184000	612662469.184000
[s] Window stop time (MET)	617846469.184000	617846469.184000
[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)	614800880.184000	614799944.78229
Observation start date	2017-06-25T18:00:11	2017-06-25T17:45:44
[s] Observation end time (MET)	614801880.184000	614802543.1574399
Observation end date	2017-06-25T18:16:51	2017-06-25T18:29:03

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

2.3 Aspect



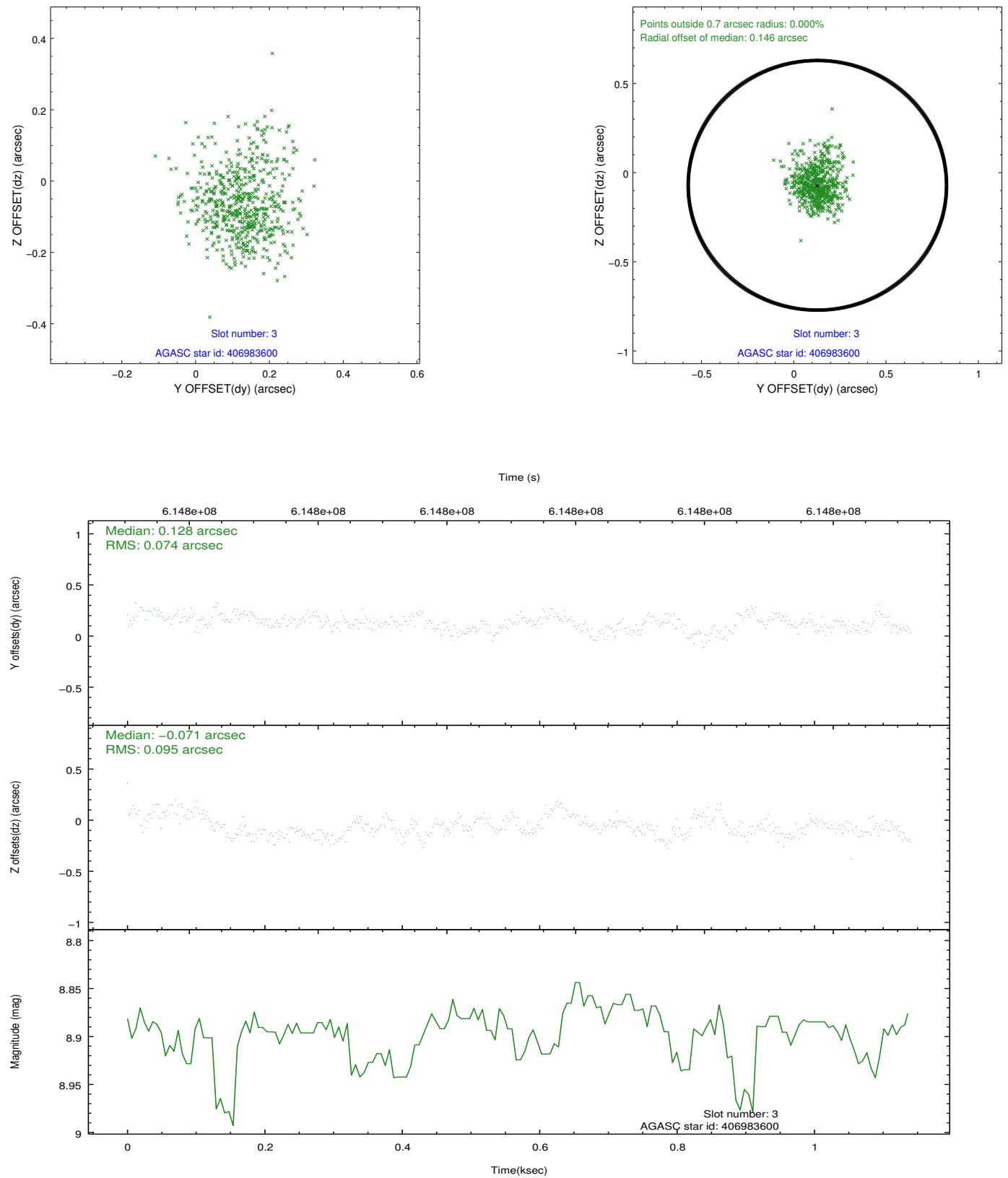


Slot Statistics

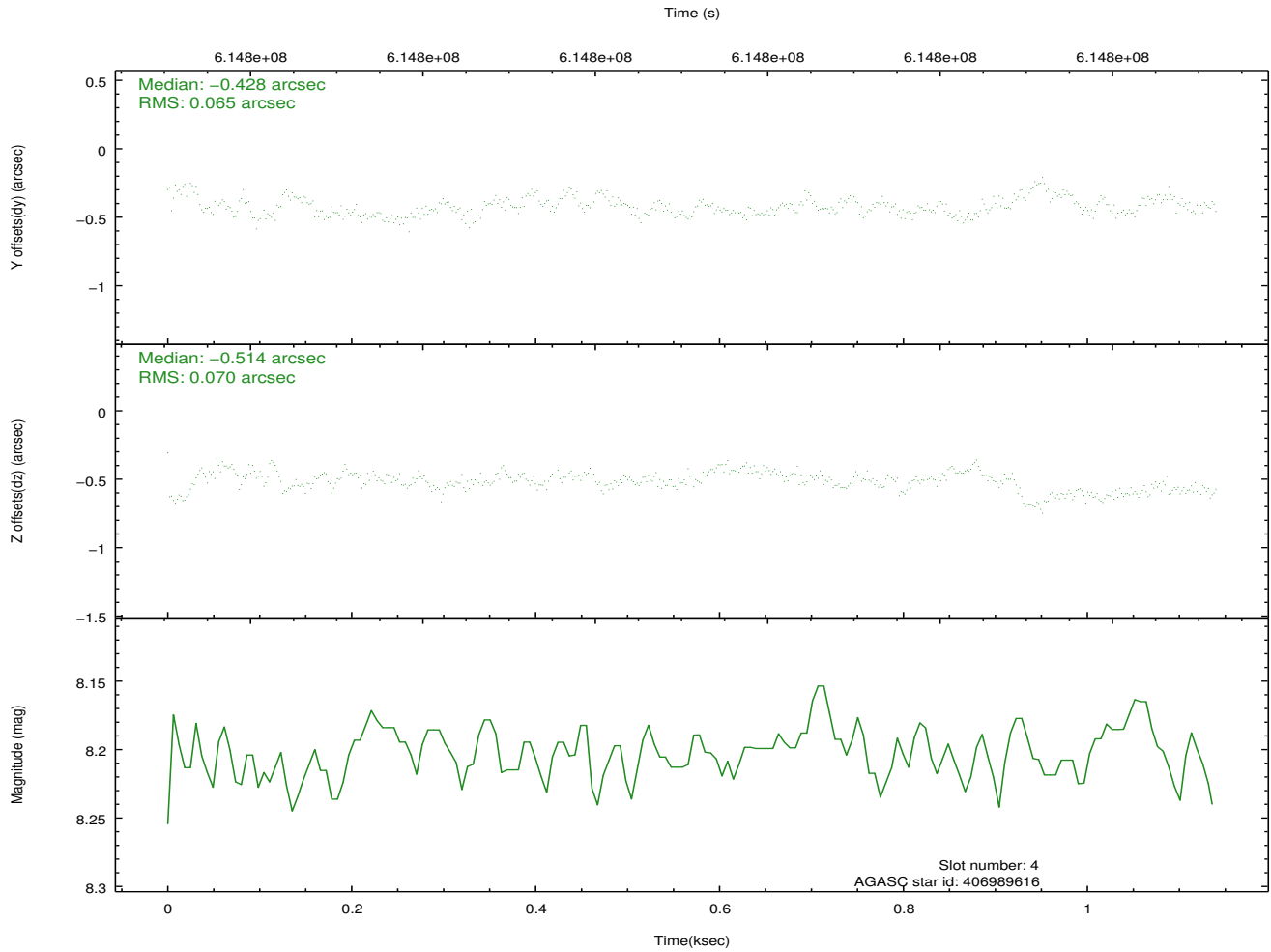
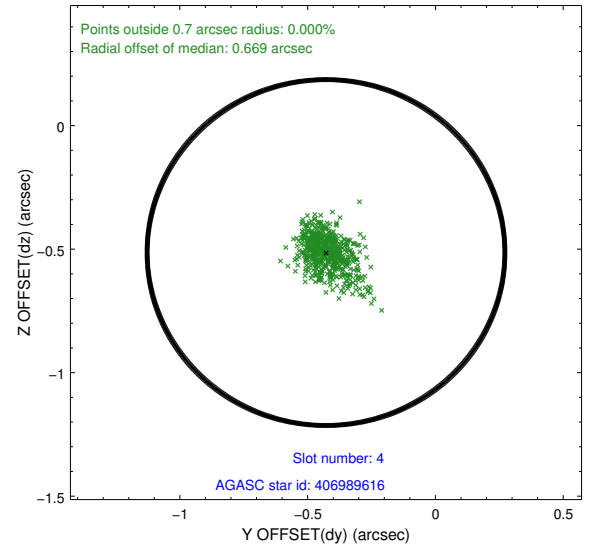
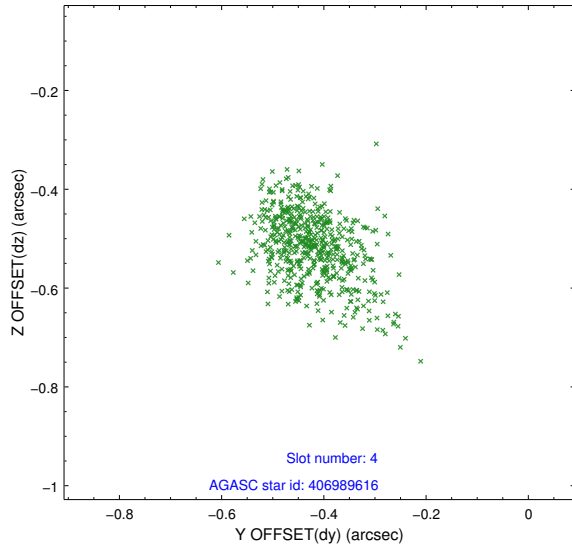
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.01	278	-0.058	-0.259	0.007	0.011	0.000000	0.000000	-1172.32	-468.76
1	FID		HRC-S-2	6.98	278	0.379	-0.126	0.005	0.011	0.000000	0.000000	1223.56	-462.86
2	FID		HRC-S-3	6.99	278	0.069	0.083	0.007	0.010	0.000000	0.000000	-1170.55	559.44
3	GUIDE	used	406983600	8.90	557	0.128	-0.071	0.126	0.221	279.940957	39.020708	-468.93	-684.33
4	GUIDE	used	406989616	8.20	557	-0.428	-0.514	0.096	0.167	279.202881	38.520843	1717.07	971.21
5	GUIDE	used	407513096	8.11	557	0.308	0.405	0.099	0.160	279.928965	39.436841	-523.79	-2180.99
6	GUIDE	used	407521232	8.61	557	0.042	0.257	0.140	0.235	279.628883	39.431715	305.82	-2221.58
7	GUIDE	used	406980288	9.25	556	-0.059	-0.063	0.208	0.360	278.903147	39.061646	2415.02	-1037.43

2.4 Star Slots

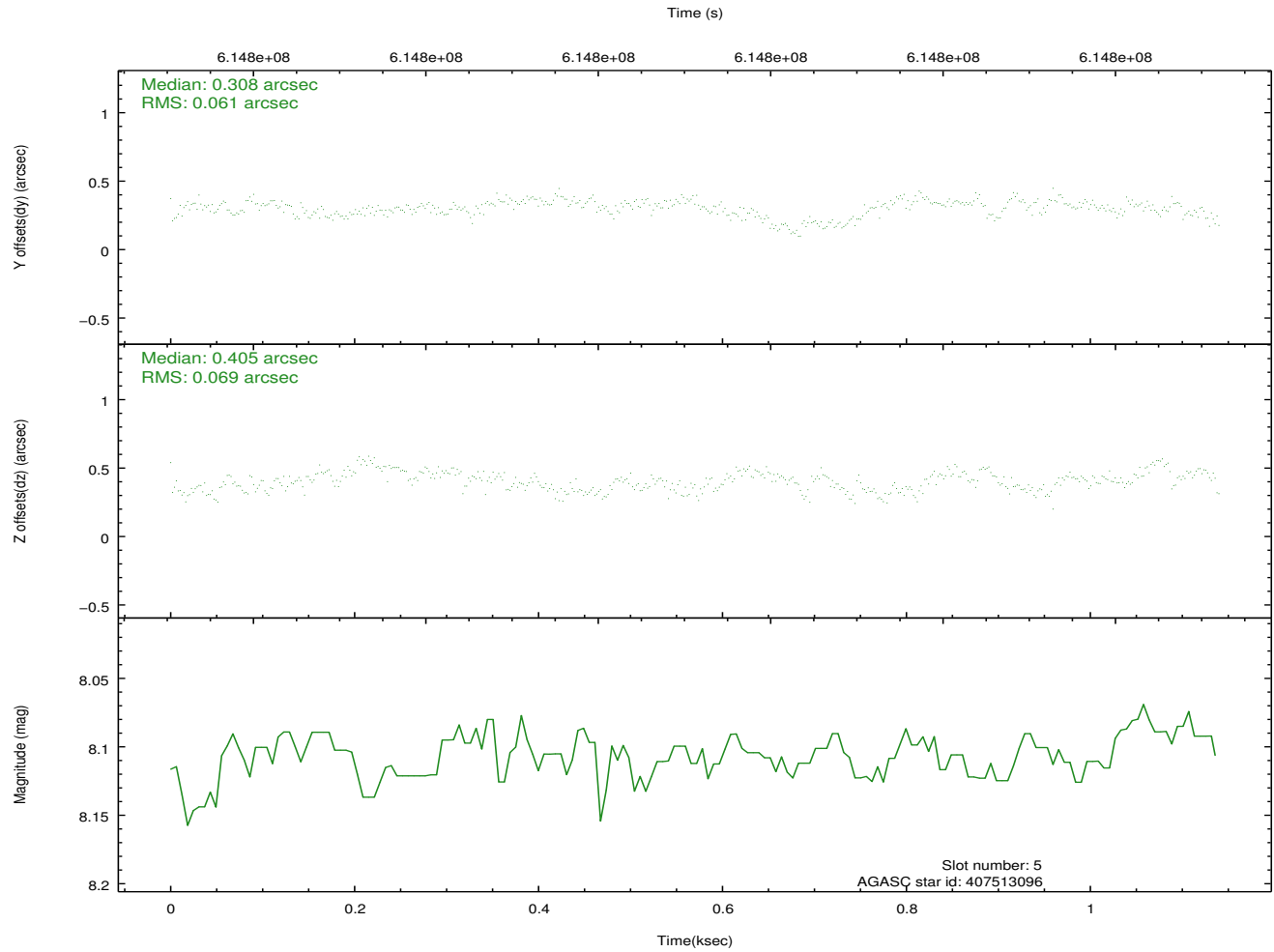
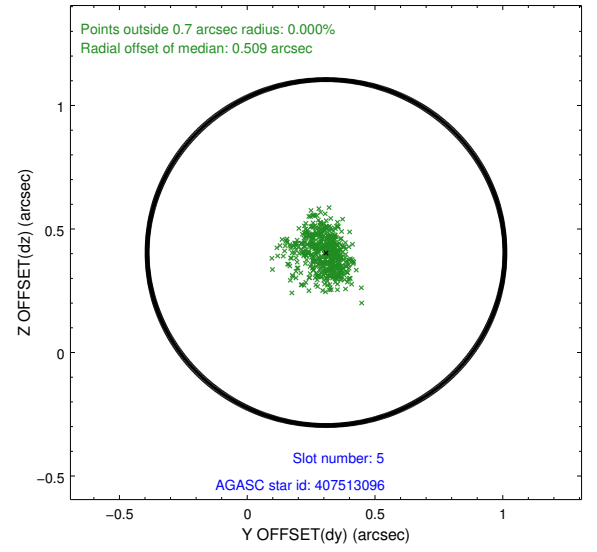
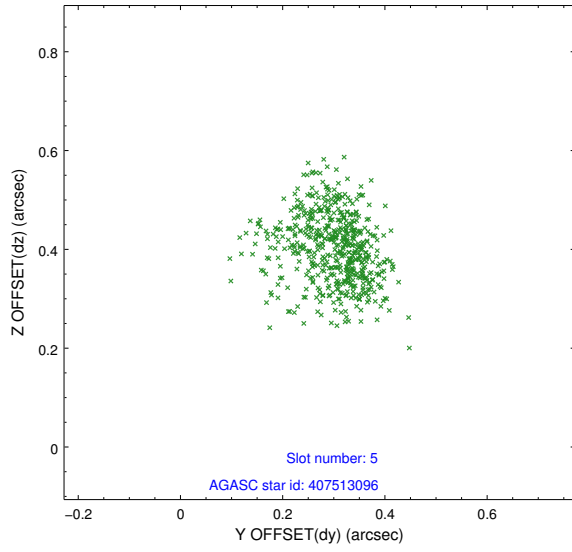
2.4.1 Slot 3



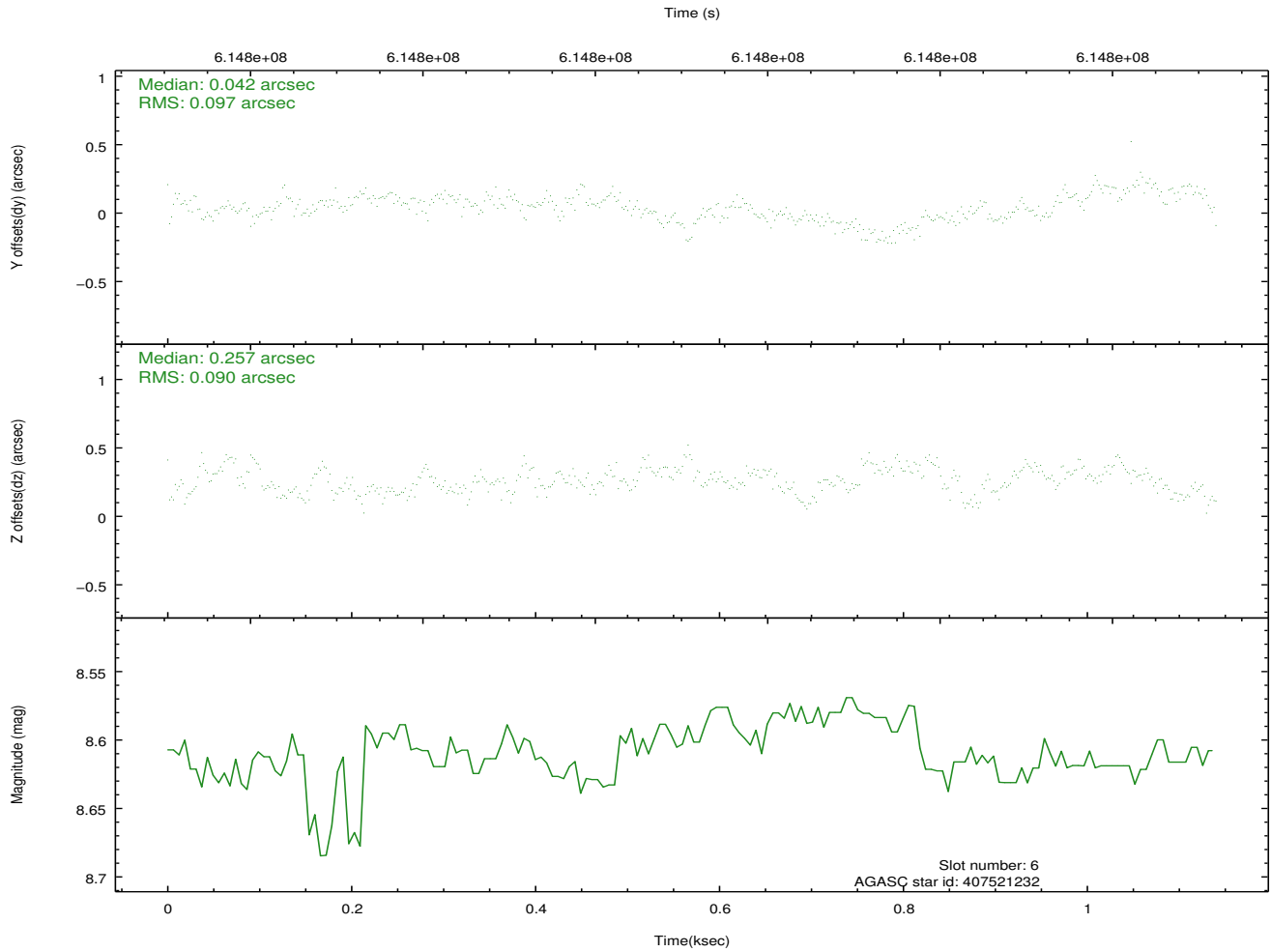
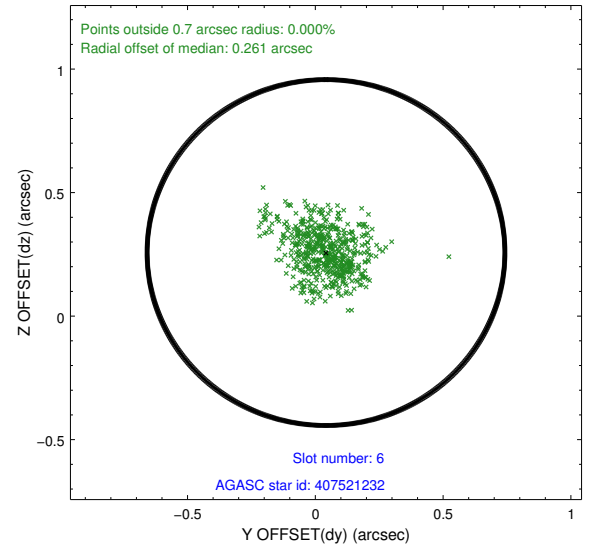
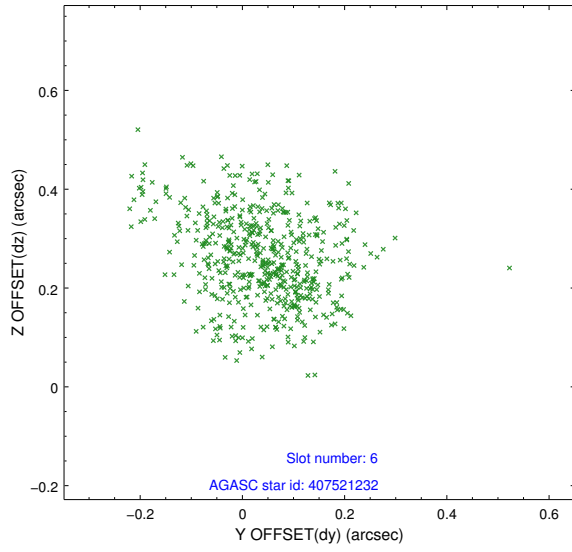
2.4.2 Slot 4



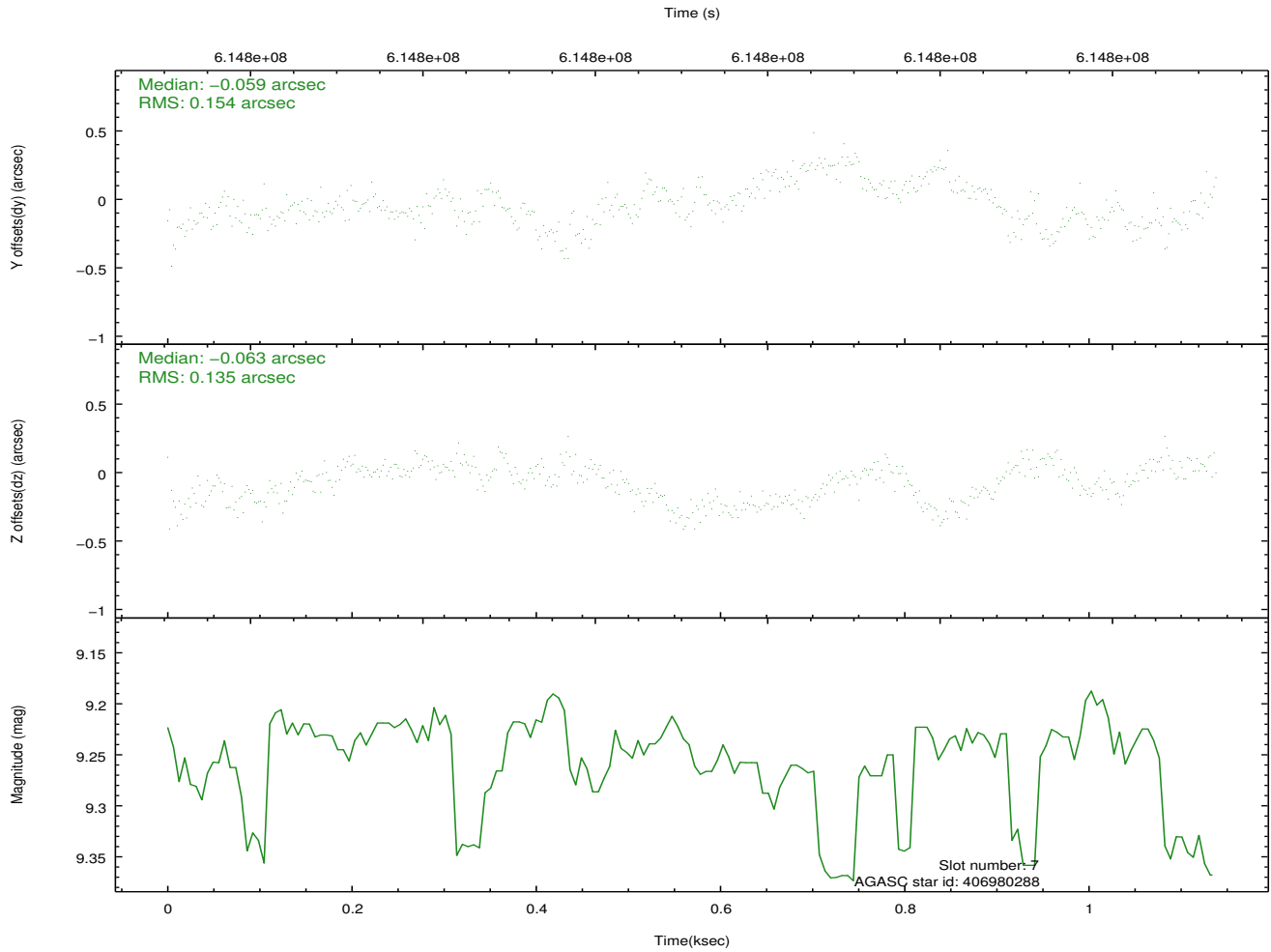
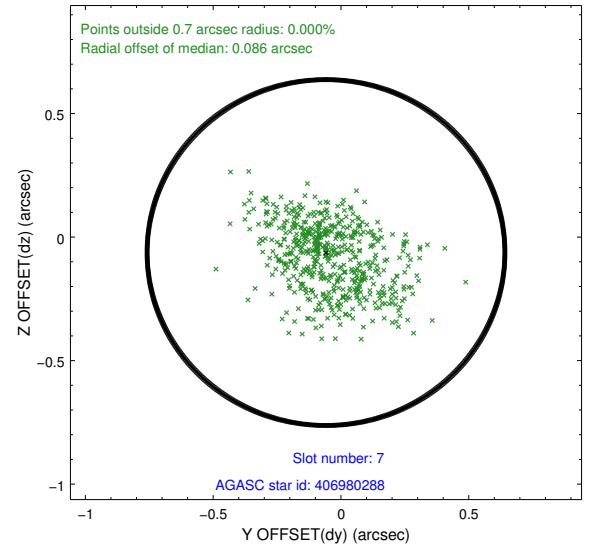
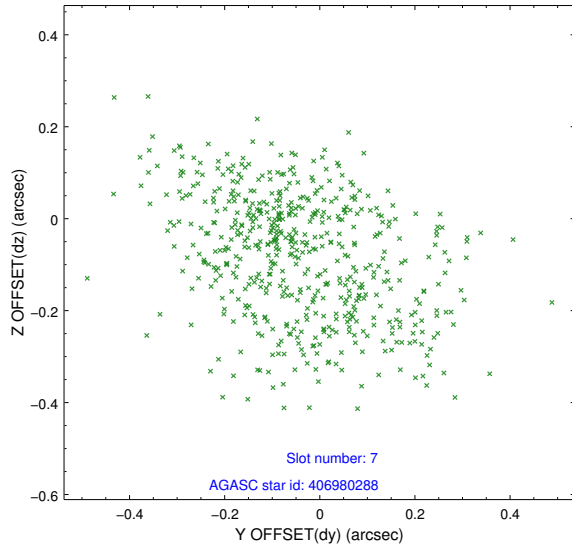
2.4.3 Slot 5



2.4.4 Slot 6

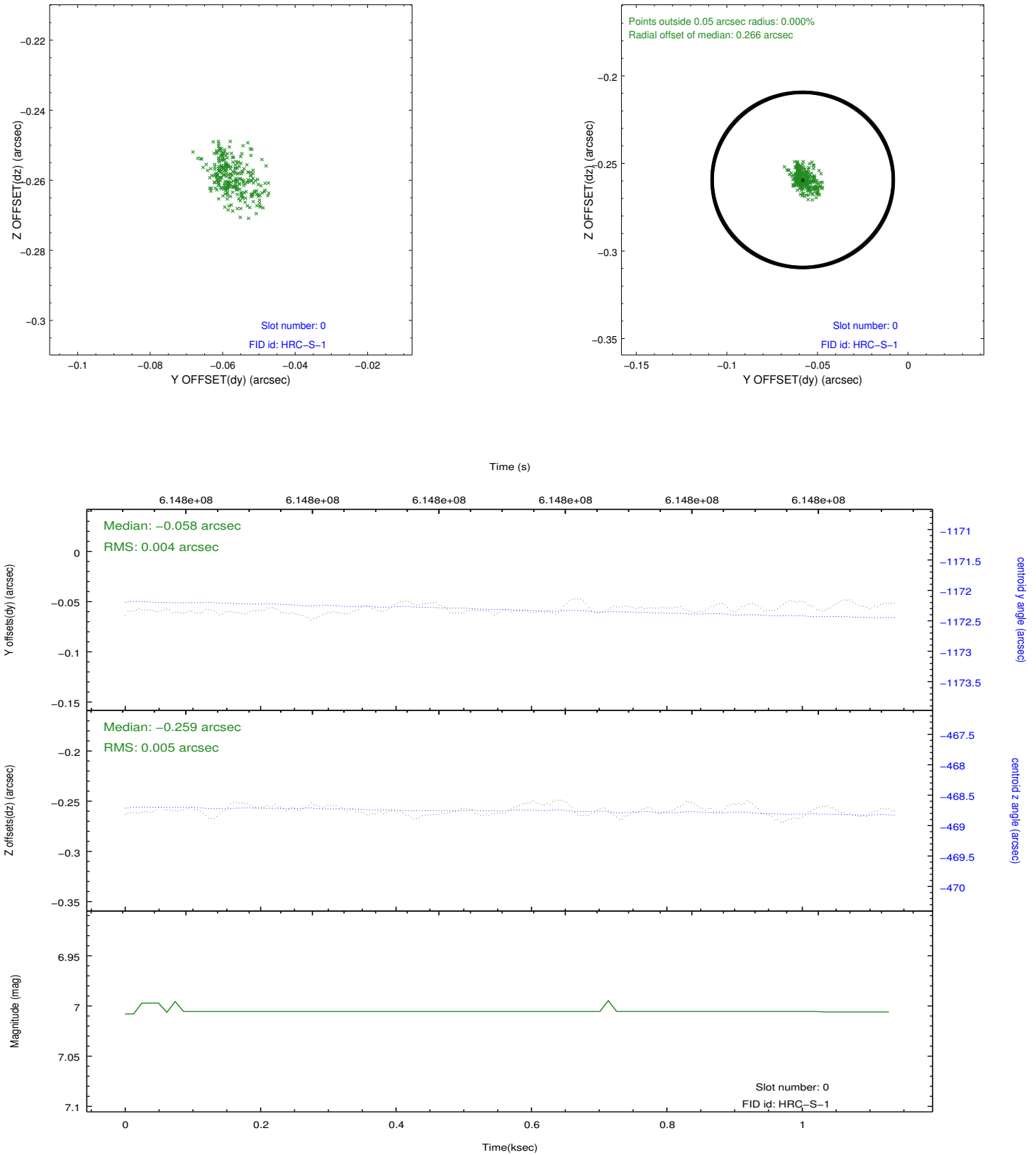


2.4.5 Slot 7

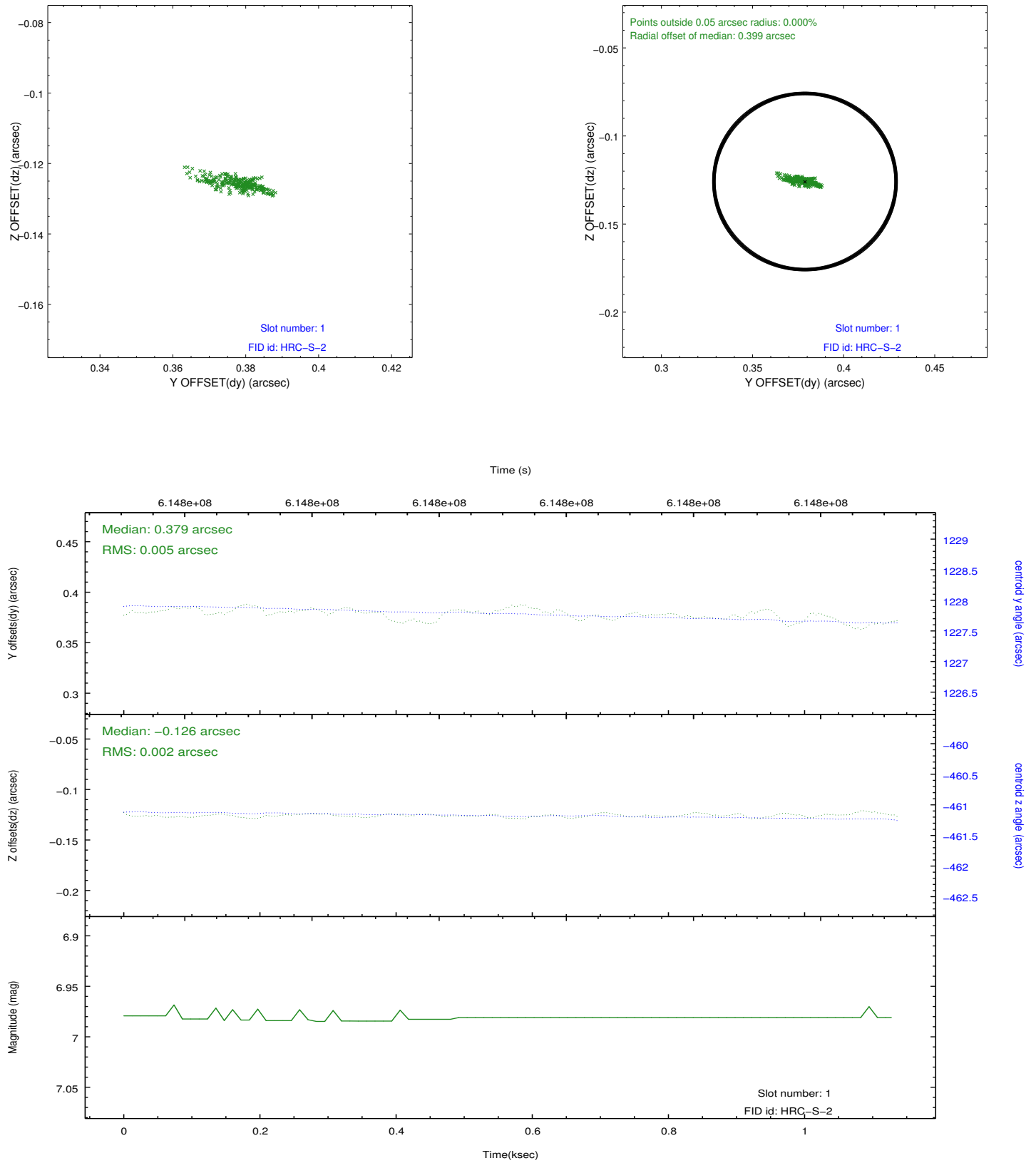


2.5 FID Slots

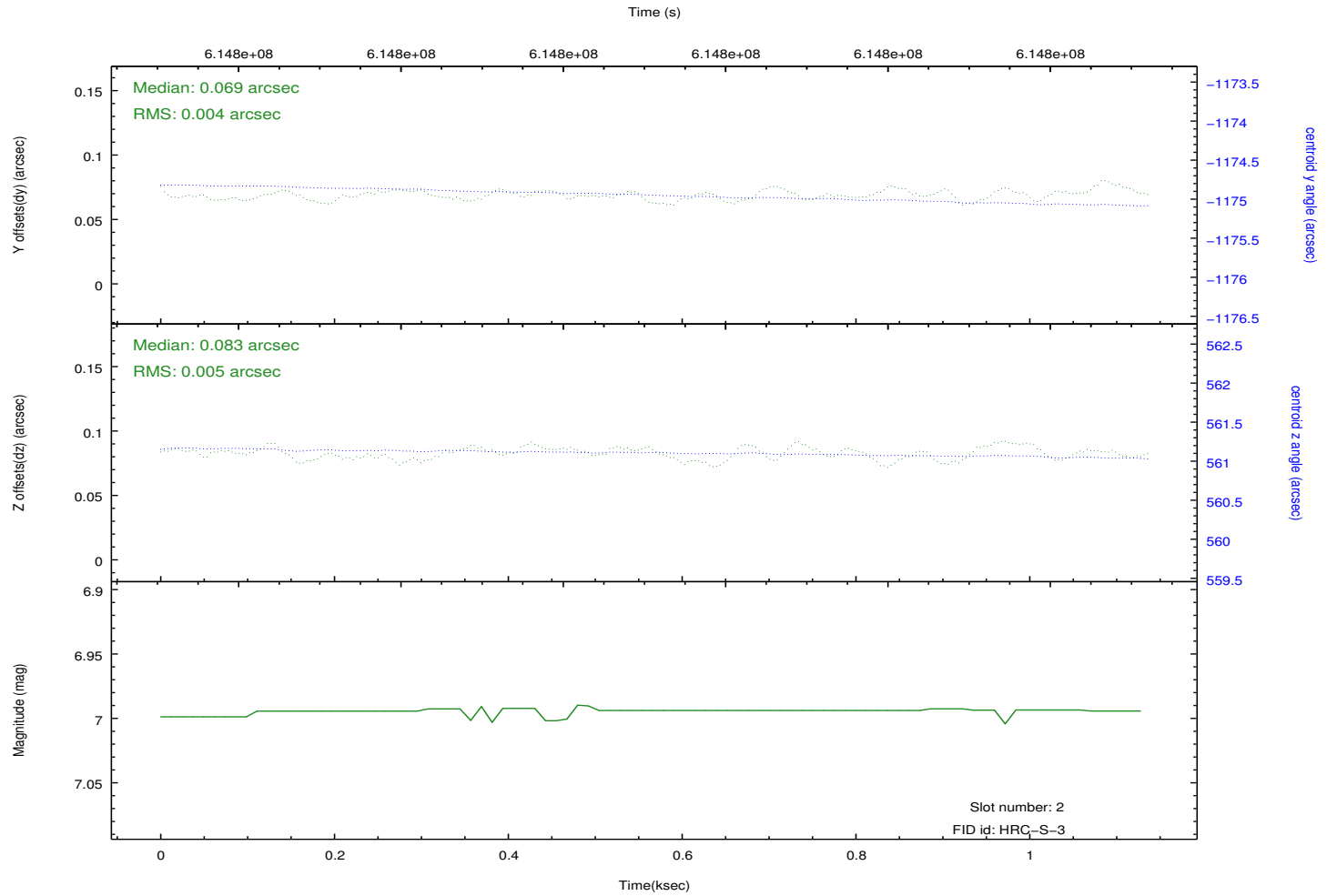
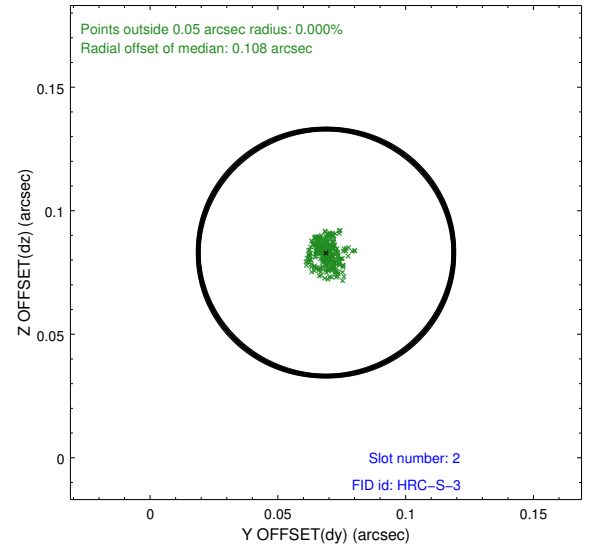
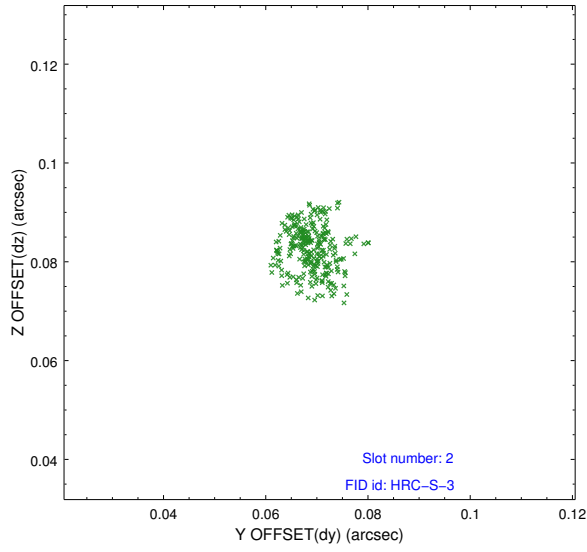
2.5.1 Slot 0



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)	2017.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1390313165188

A.2 Comments

Window constraint met.