

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11953 - L2 Version 2
Chandra X-Ray Center

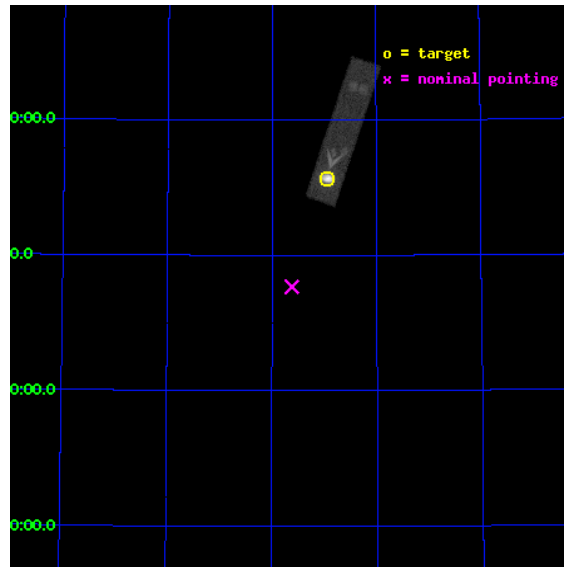
L2 Processing Date : Jul 5 2012

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1 Front

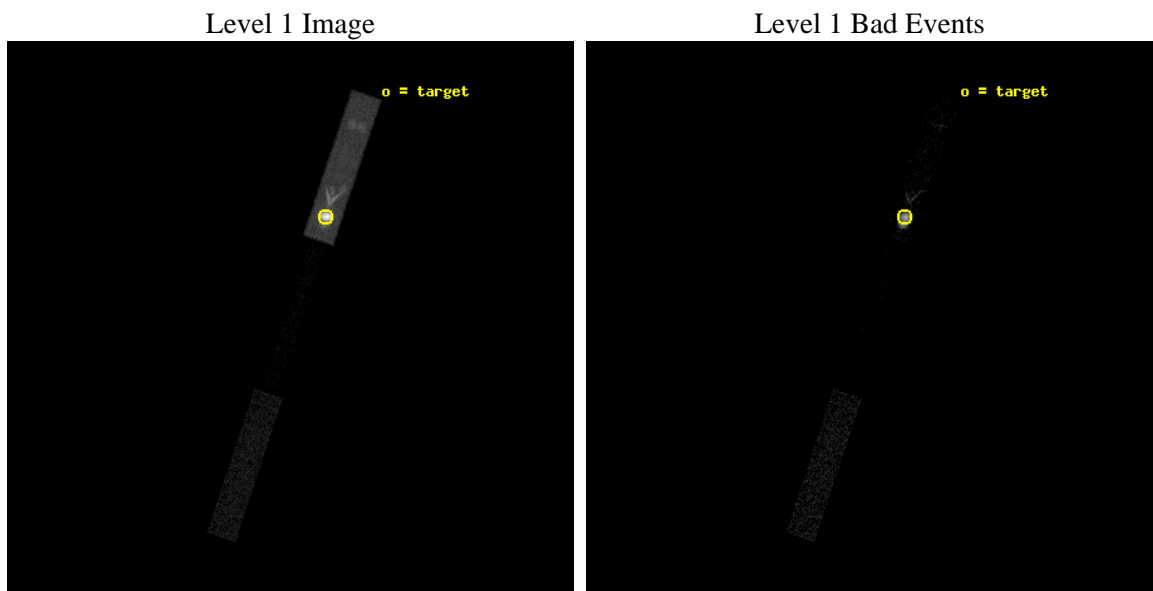
seq_num	290942	Sequence number
obs_id	11953	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.40468920153	Nominal RA [deg]
dec_nom	38.383937881172	Nominal Dec [deg]
roll_nom	288.44870024586	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1182.0813108087	[s]
liveltime	465.6848400832	Ontime multiplied by DTCOR
l2events	210463	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1182.0813108087	[s]
caldbver	4.5.0	 	l1events	268189	Number of level 1 events
date	2012-07-05T05:49:12	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

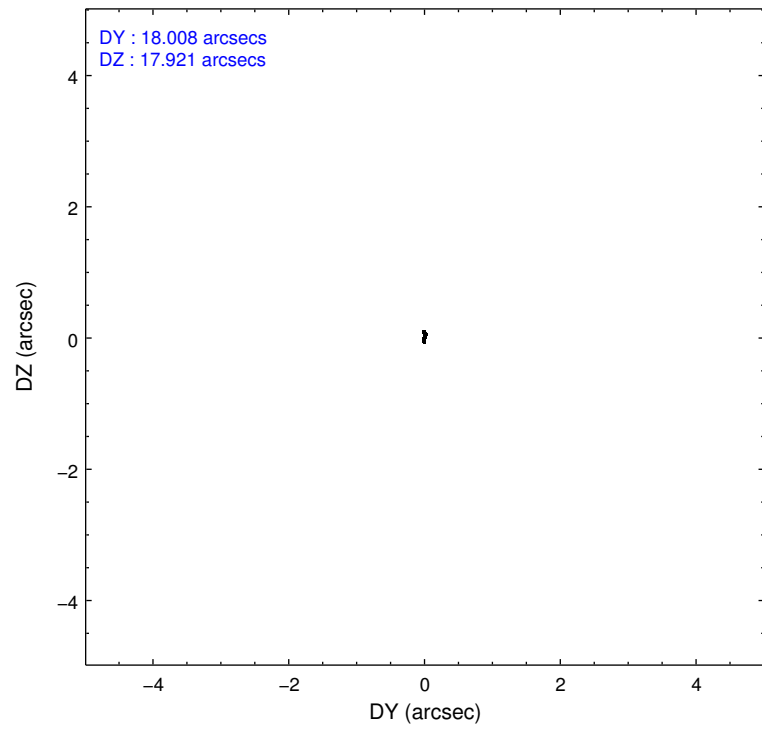
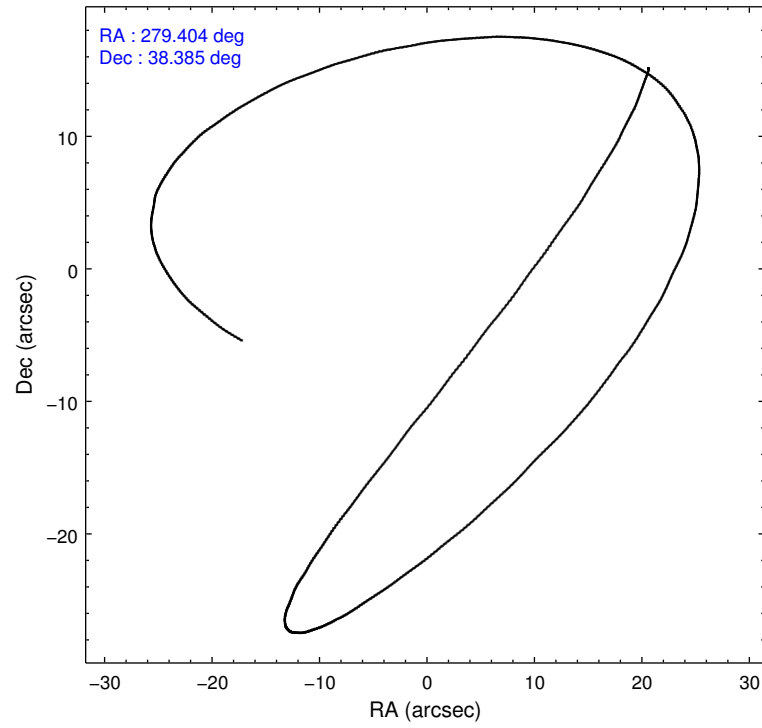
Level 1 Events

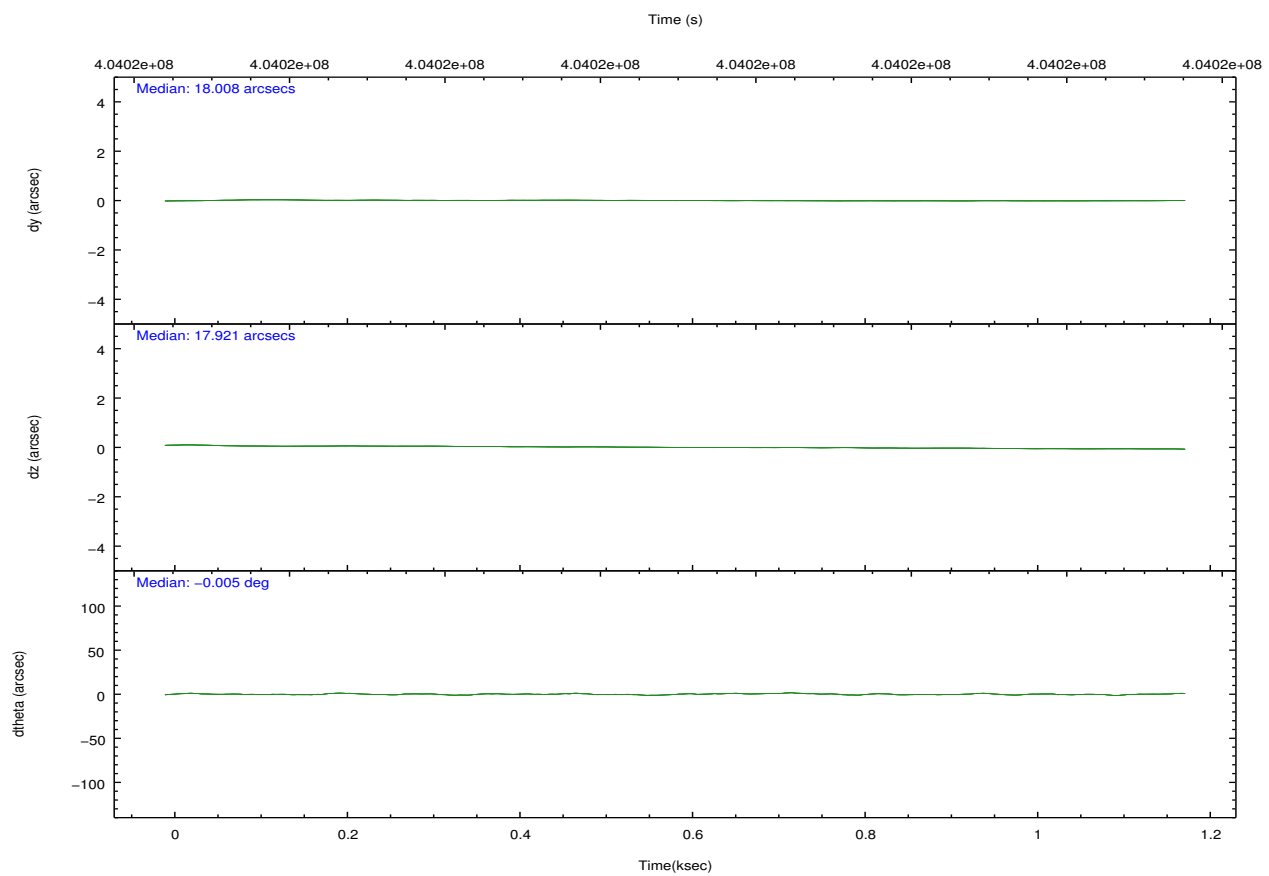
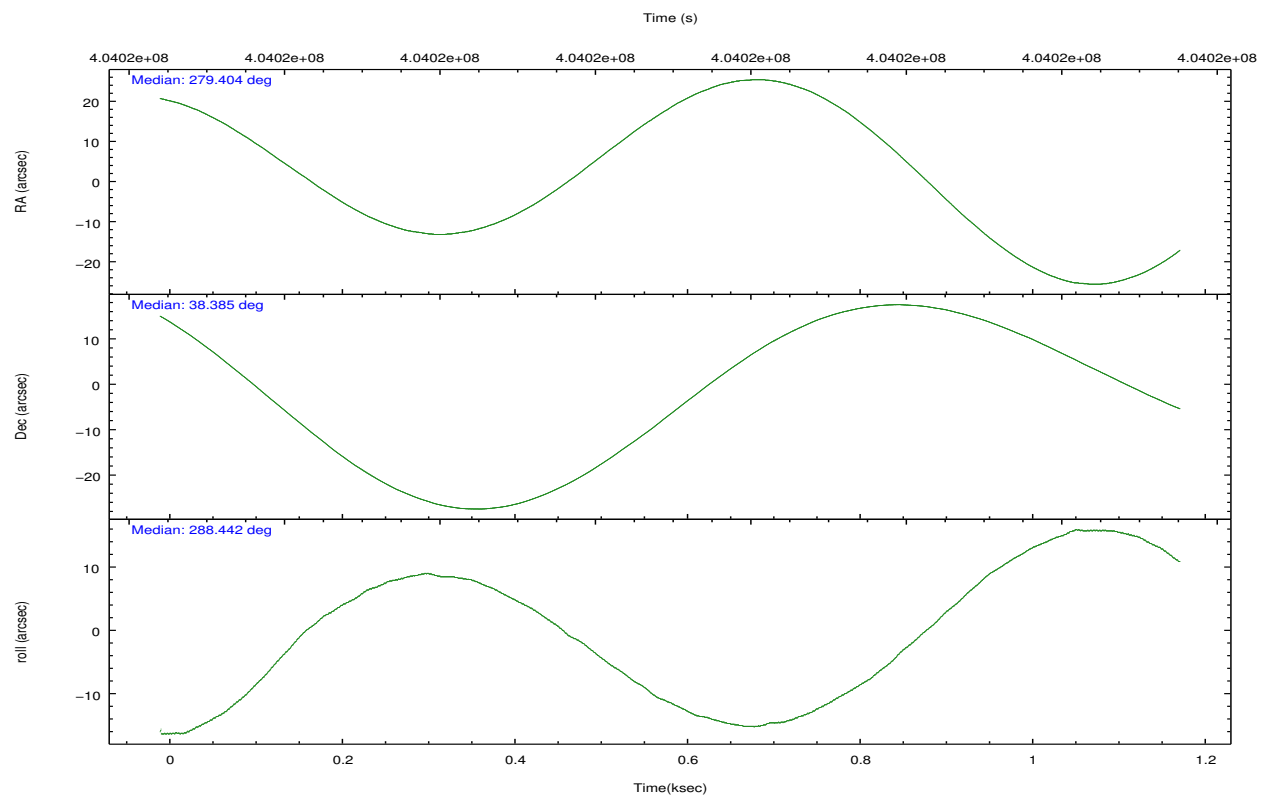
	segment 1	segment 2	segment 3
level 1 events	262416	336	5437
rejected events	44461	329	5437
rejected %	16%	97%	100%

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	279.376806	279.4046892015278			
[deg] Pointing Dec	38.401897	38.38393788117241			
[deg] Pointing Roll	288.398715	288.4487002458566			
[s] Window start time (MET)	399686466.184000	399686466.184000			
[s] Window stop time (MET)	407462466.184000	407462466.184000			
[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)	404017674.184000	404017298.19			
Observation start date	2010-10-21T03:06:48	2010-10-21T03:01:38			
[s] Observation end time (MET)	404018674.184000	404018808.52758			
Observation end date	2010-10-21T03:23:28	2010-10-21T03:26:48			

2.3 Aspect



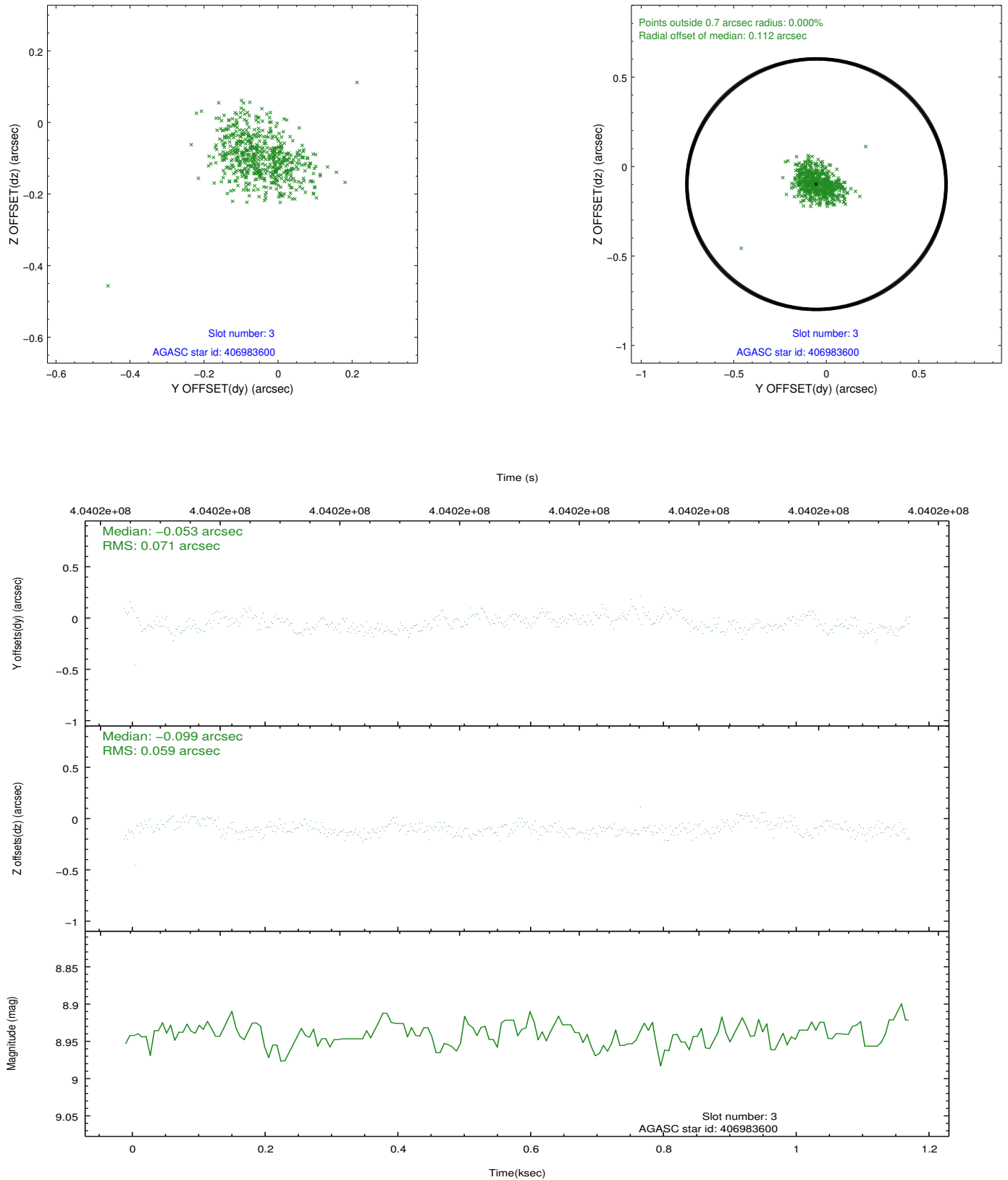


Slot Statistics

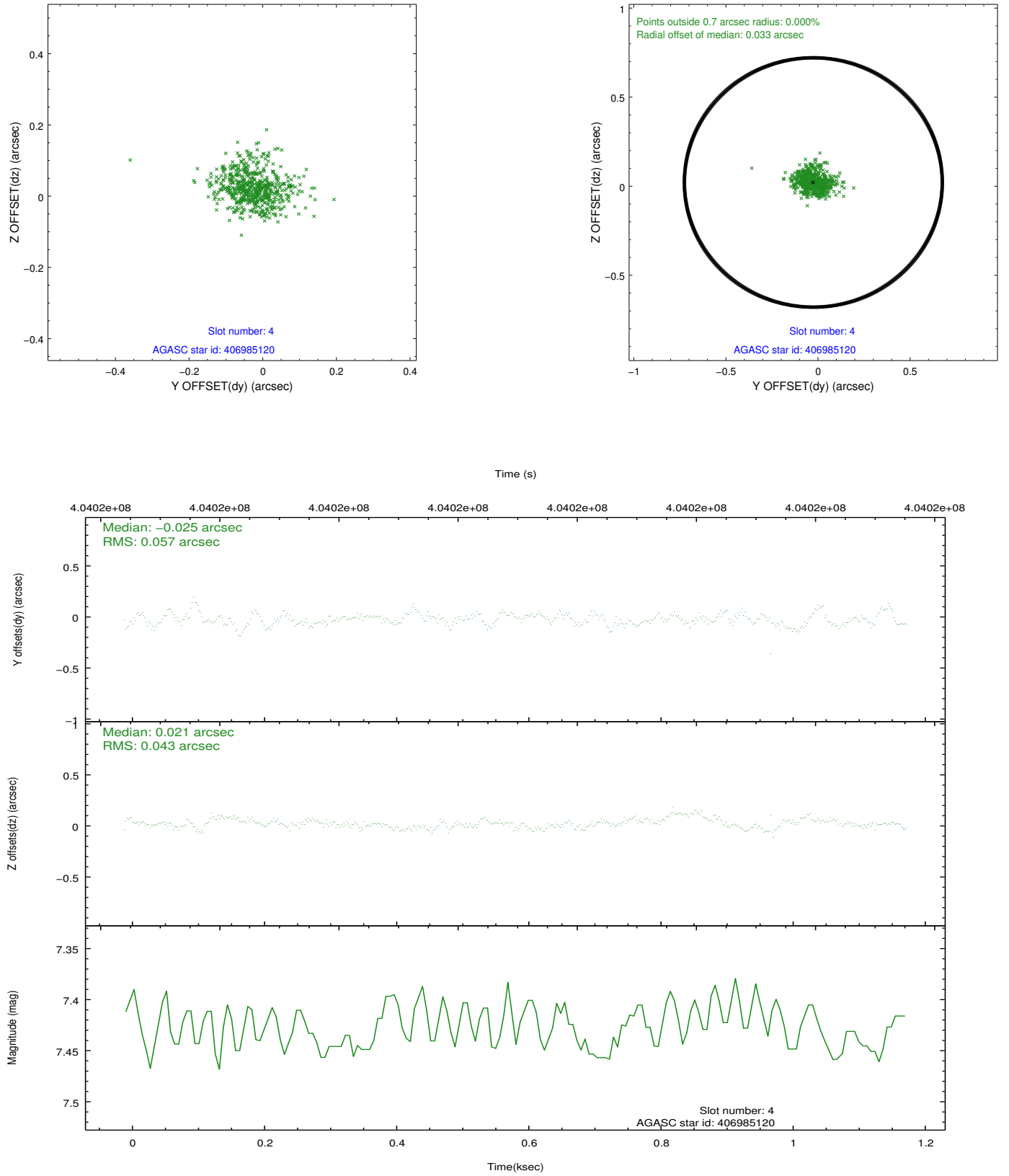
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	289	0.066	-0.174	0.007	0.011	0.000000	0.000000	-1172.48	-466.91
1	FID	HRC-S-2	6.98	289	0.212	-0.108	0.004	0.008	0.000000	0.000000	1223.27	-461.05
2	FID	HRC-S-3	7.01	289	0.112	-0.021	0.007	0.011	0.000000	0.000000	-1170.94	561.17
3	GUIDE	406983600	8.94	578	-0.053	-0.099	0.096	0.154	279.940957	39.020708	-1618.71	2204.46
4	GUIDE	406985120	7.43	577	-0.025	0.021	0.075	0.124	278.839732	38.894839	-2164.89	-860.73
5	GUIDE	406987272	6.97	578	-0.022	0.148	0.052	0.084	278.536588	38.437504	-882.96	-2203.69
6	GUIDE	406992968	7.65	578	-0.020	-0.133	0.064	0.108	279.925490	37.993090	1882.06	1012.43
7	GUIDE	406993992	7.63	577	0.108	0.074	0.083	0.130	279.053714	38.034587	968.81	-1281.71

2.4 Star Slots

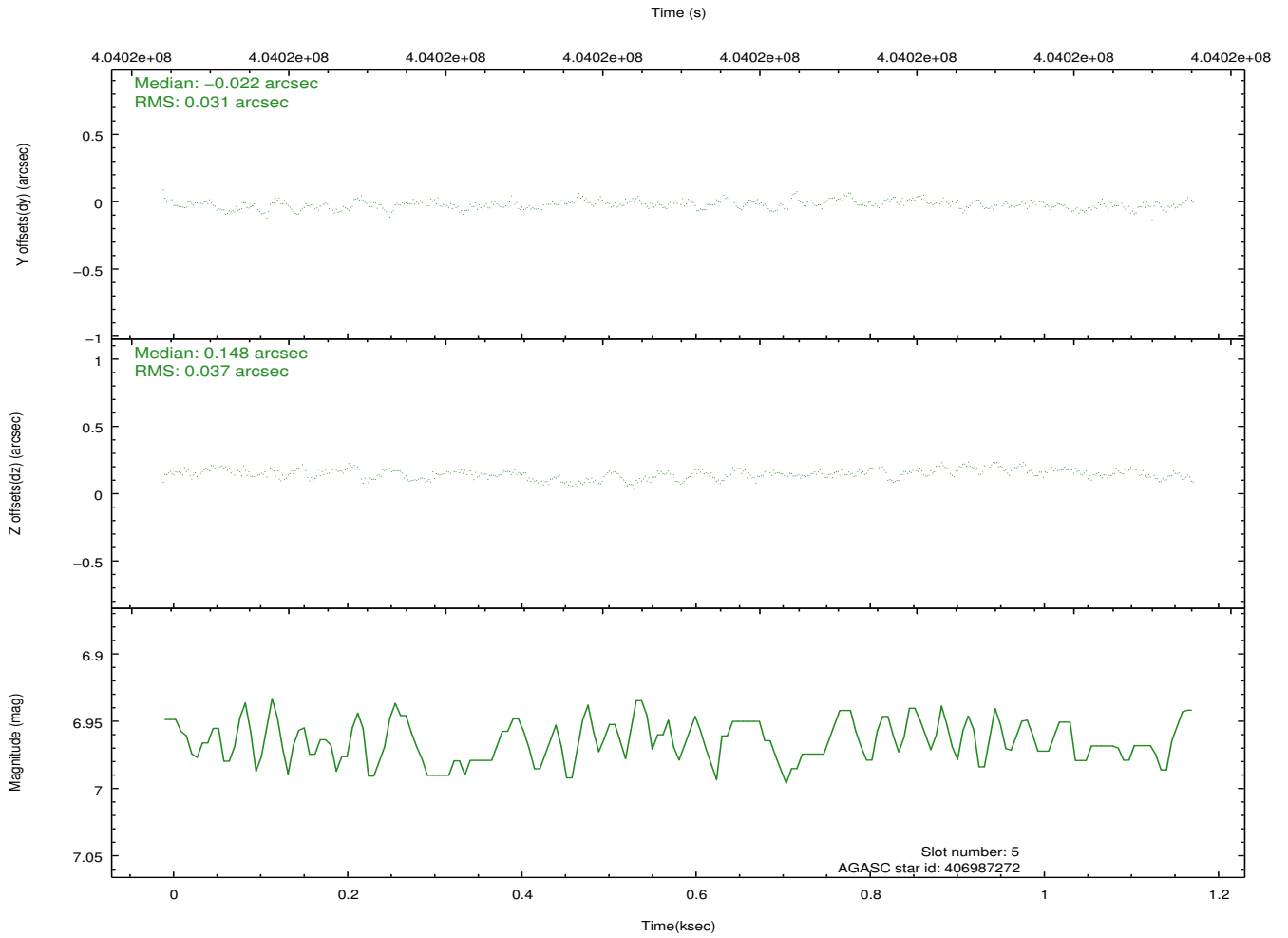
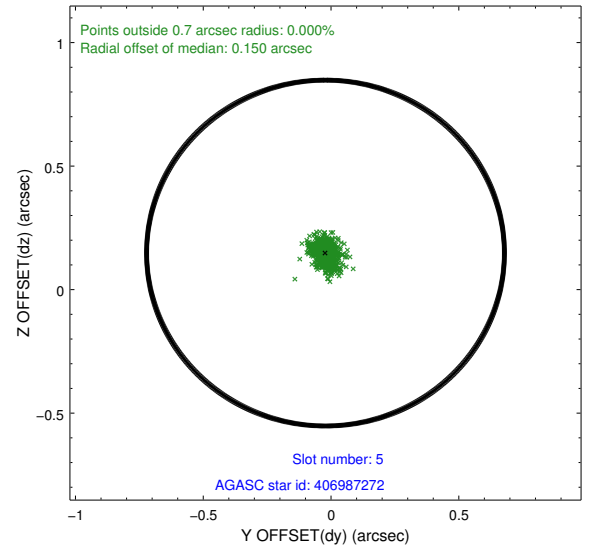
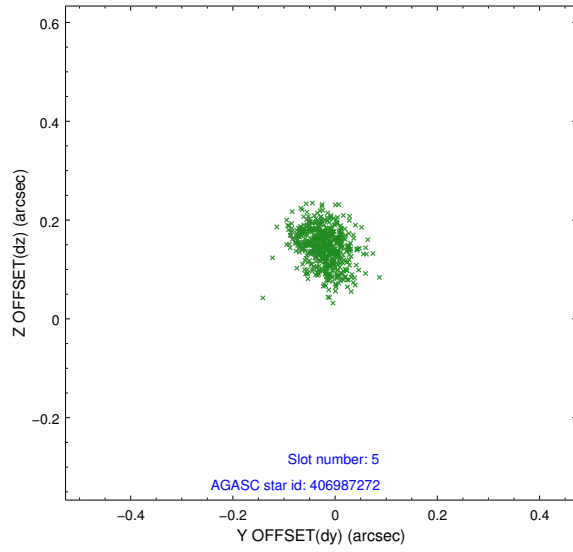
2.4.1 Slot 3



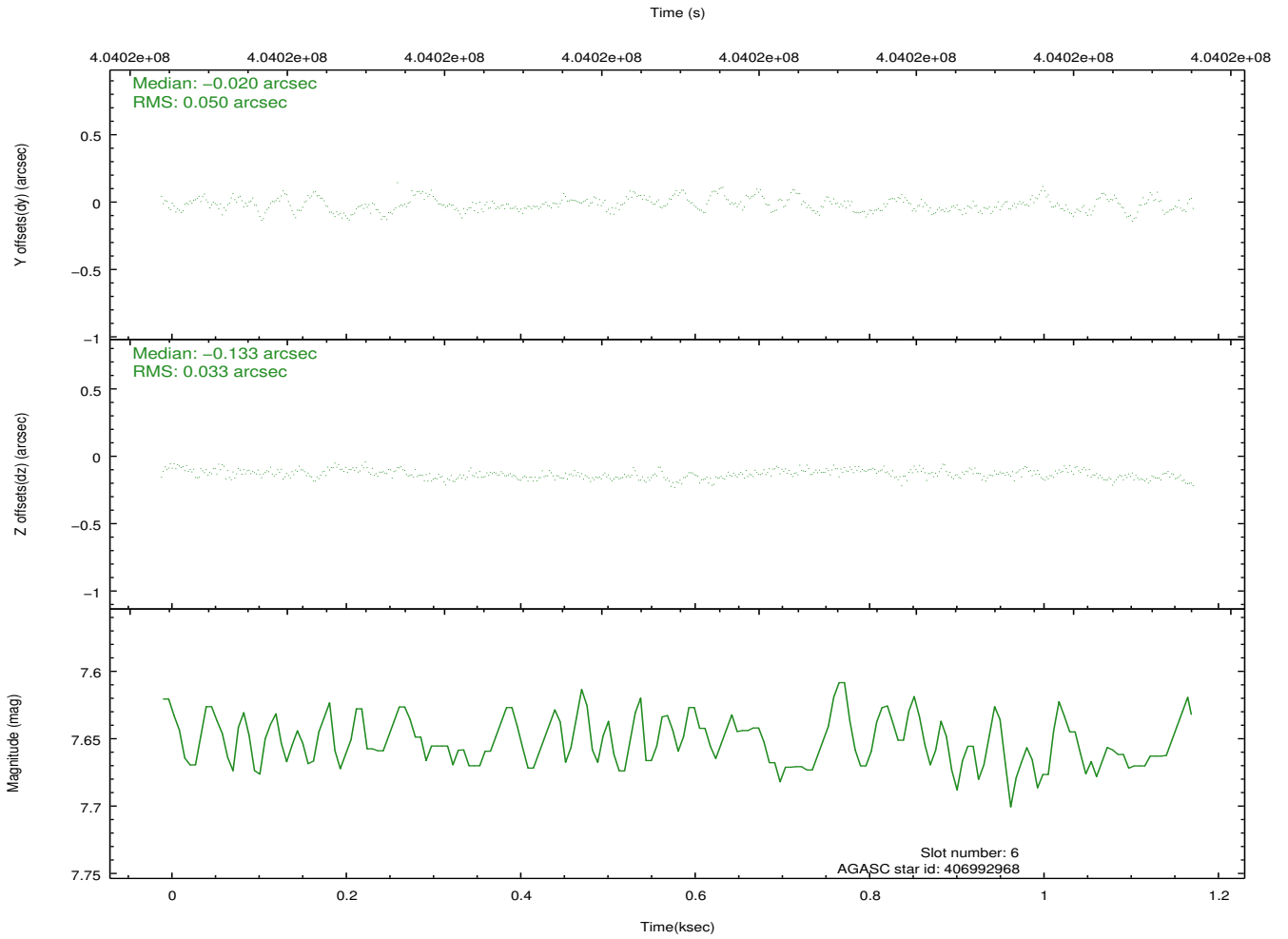
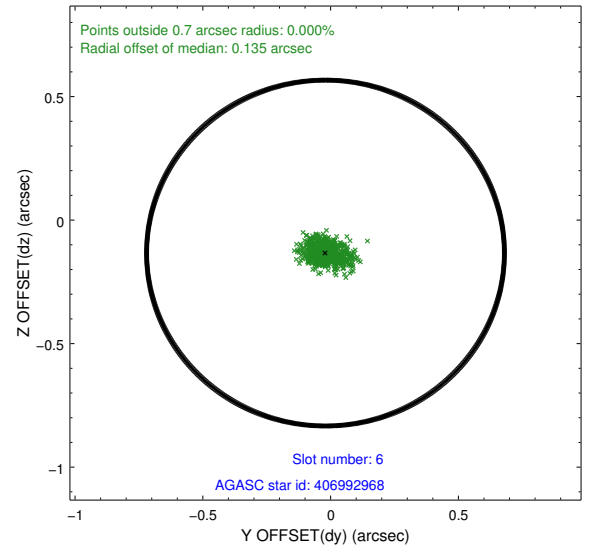
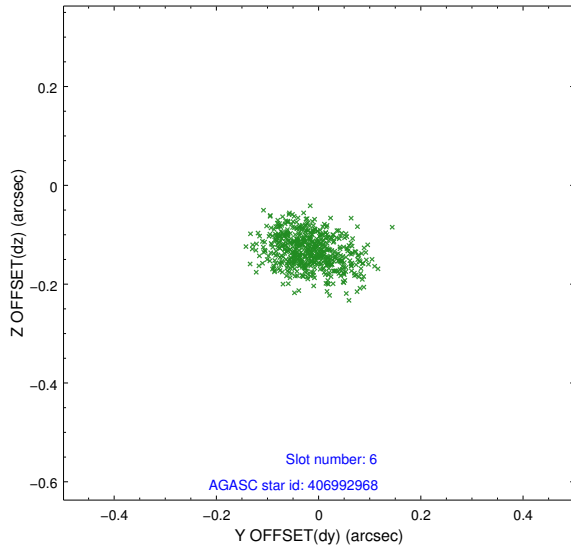
2.4.2 Slot 4



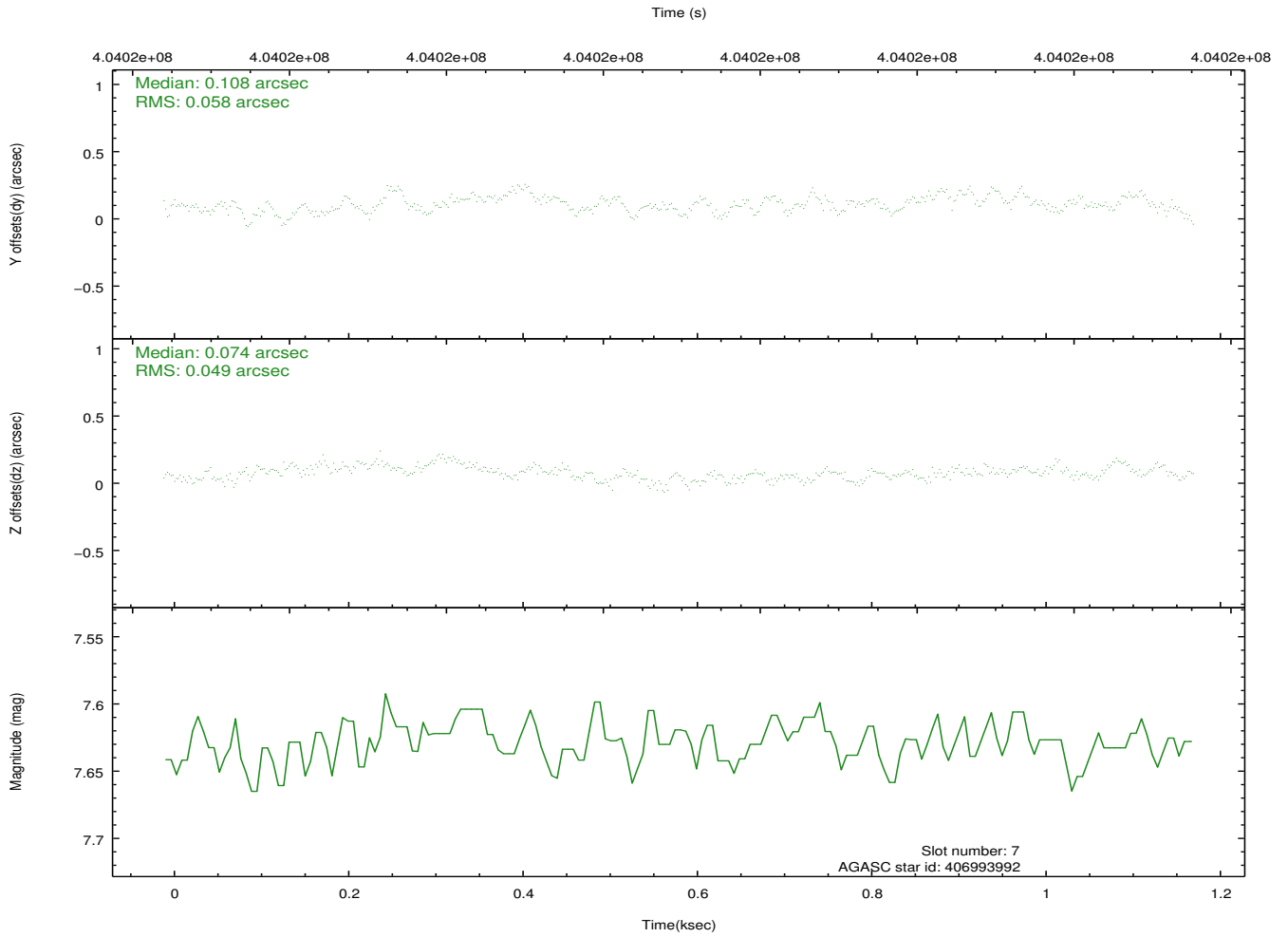
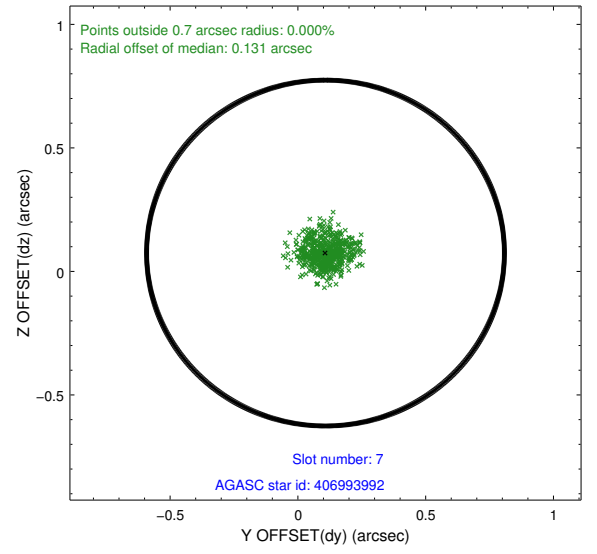
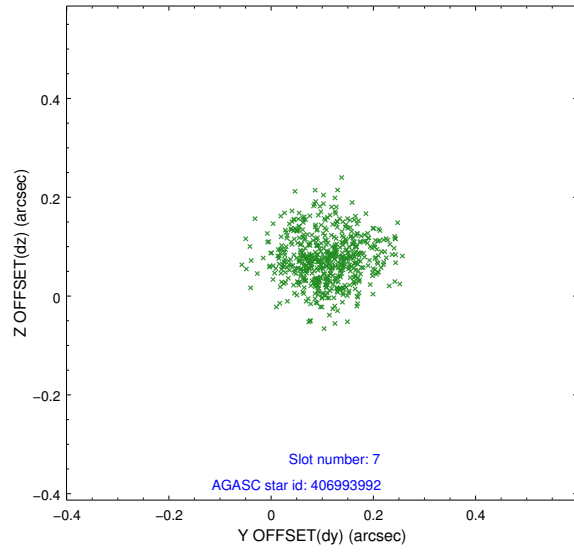
2.4.3 Slot 5



2.4.4 Slot 6

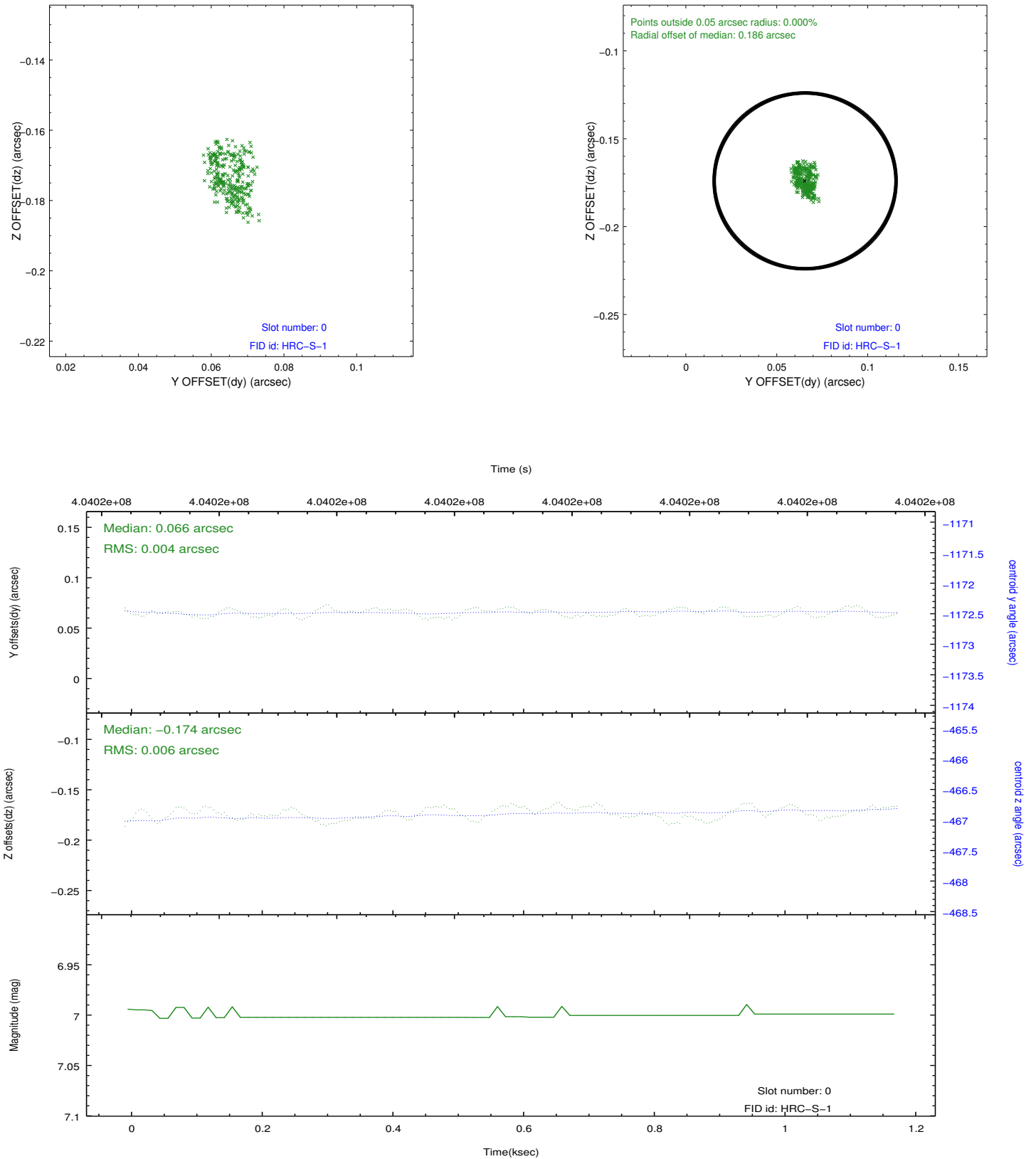


2.4.5 Slot 7

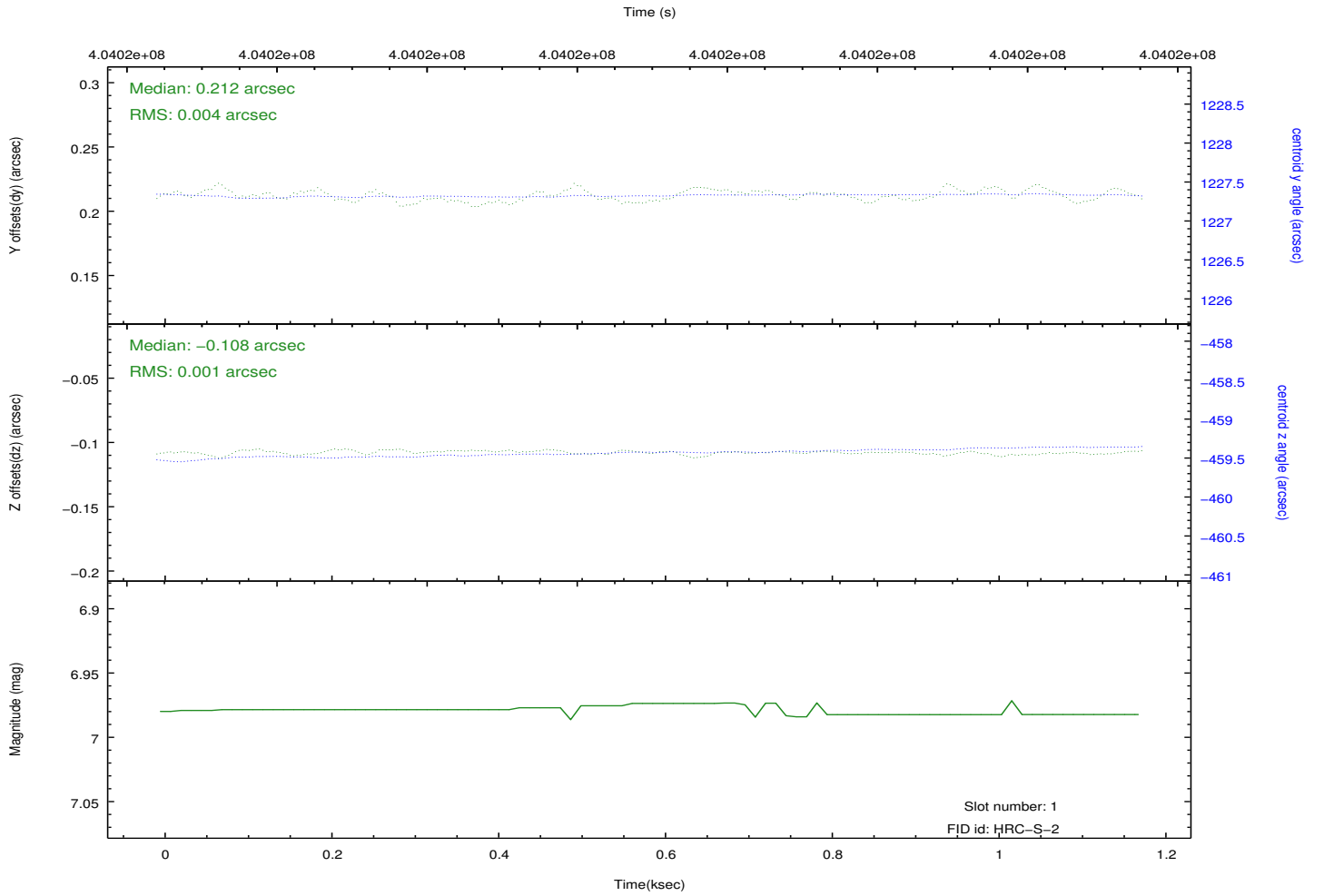
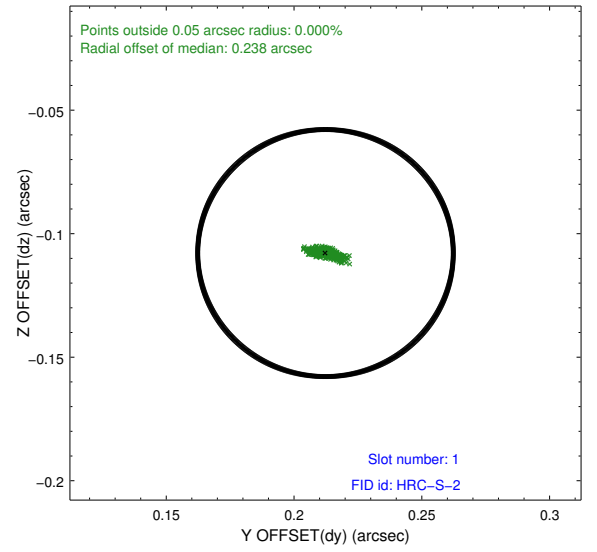
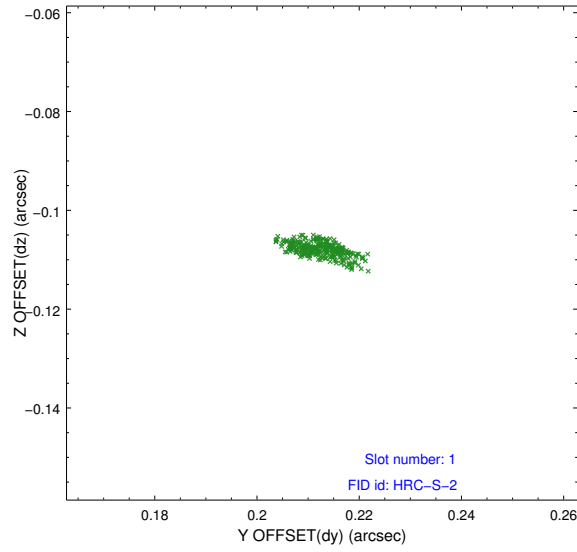


2.5 FID Slots

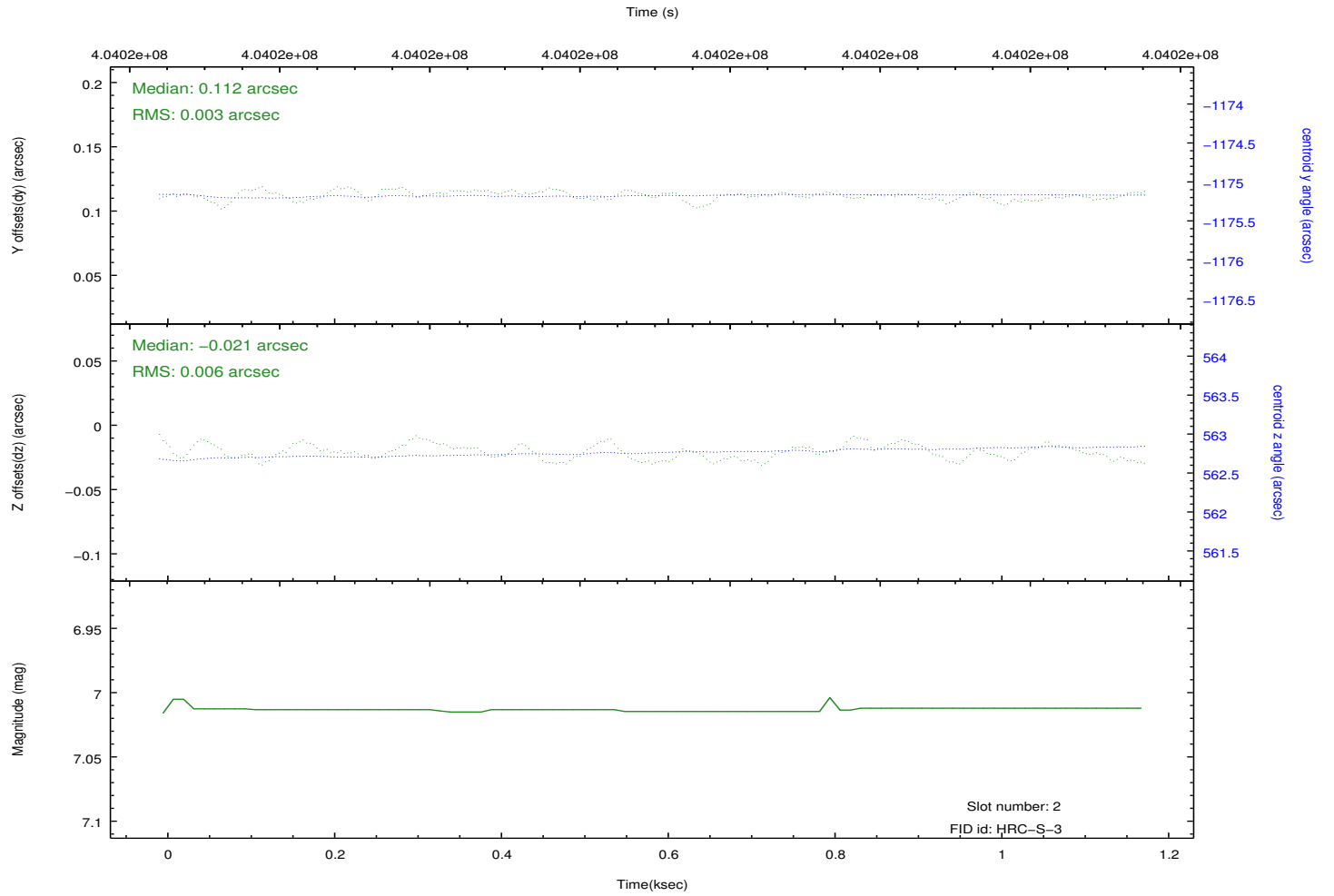
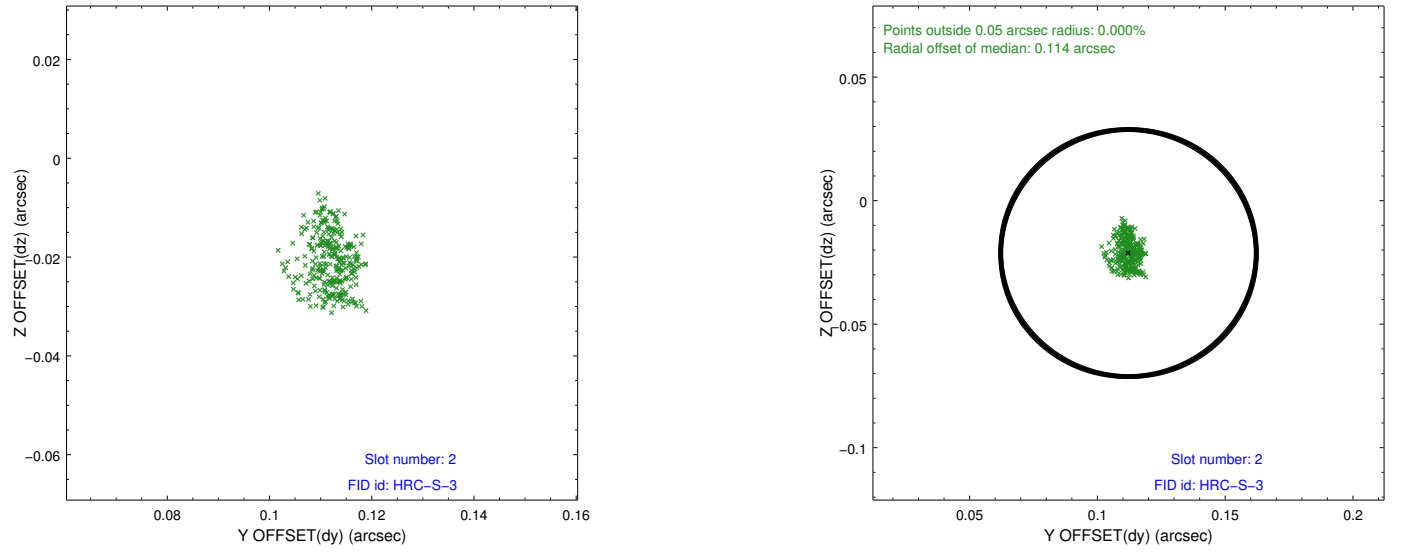
2.5.1 Slot 0



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)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250607848

A.2 Comments

Window preference met.