

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6530 - L2 Version 4
Chandra X-Ray Center

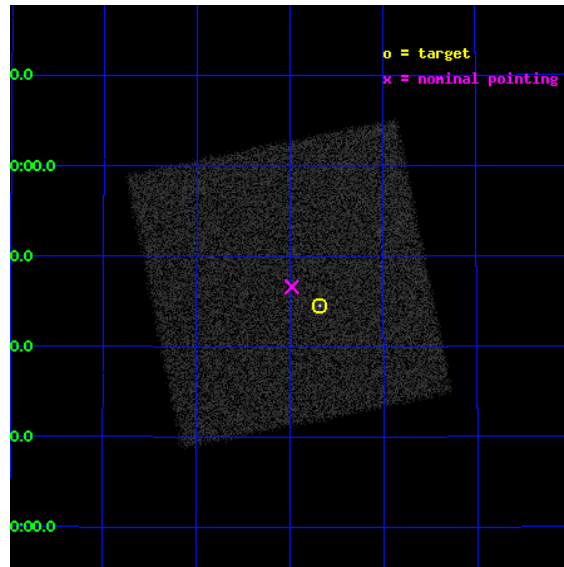
L2 Processing Date : Aug 11 2012

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1 Front

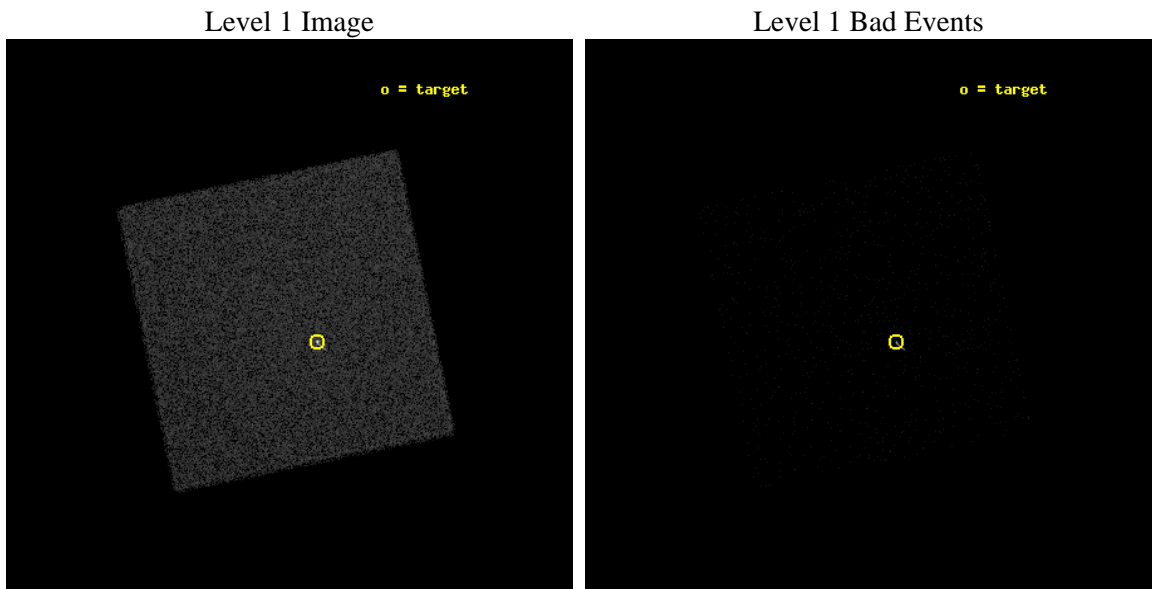
seq_num	290623	Sequence number
obs_id	6530	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24474334116	Nominal RA [deg]
dec_nom	45.777373649765	Nominal Dec [deg]
roll_nom	213.40981613259	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1177.9813054204	[s]
livetime	1167.0504914241	Ontime multiplied by DTCOR
l2events	63609	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	8.4.5	Processing system revision	ontime	1177.9813054204	[s]
caldbver	4.5.1.1	 	l1events	118154	Number of level 1 events
date	2012-08-11T12:25:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

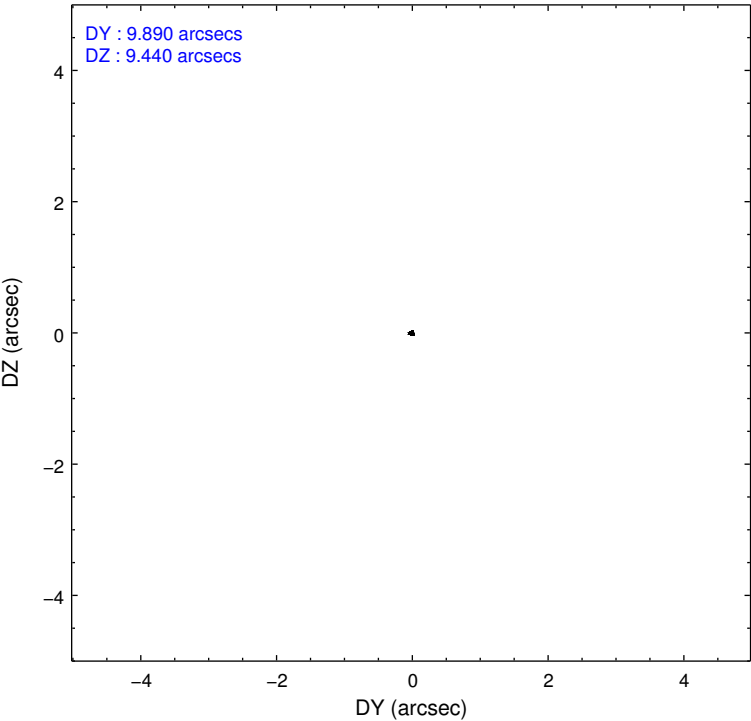
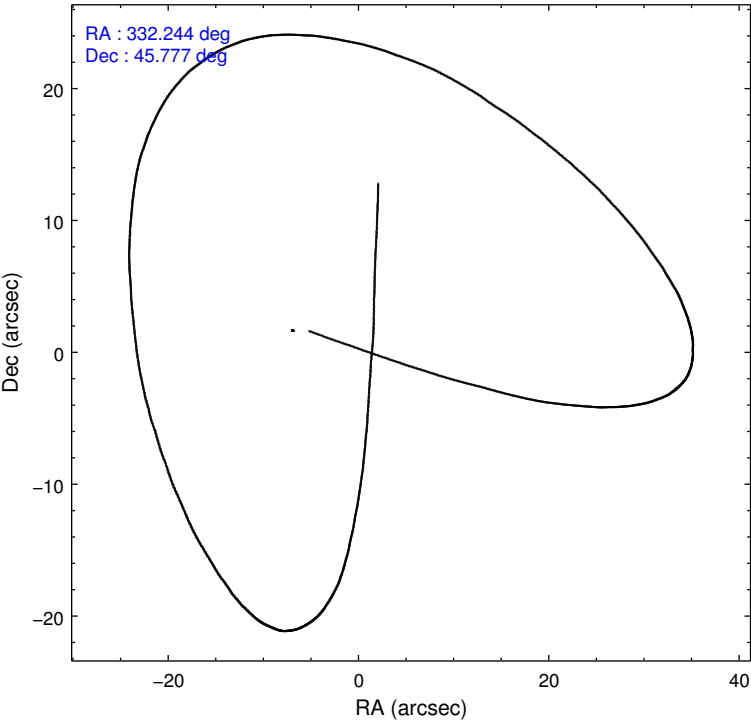
Level 1 Events

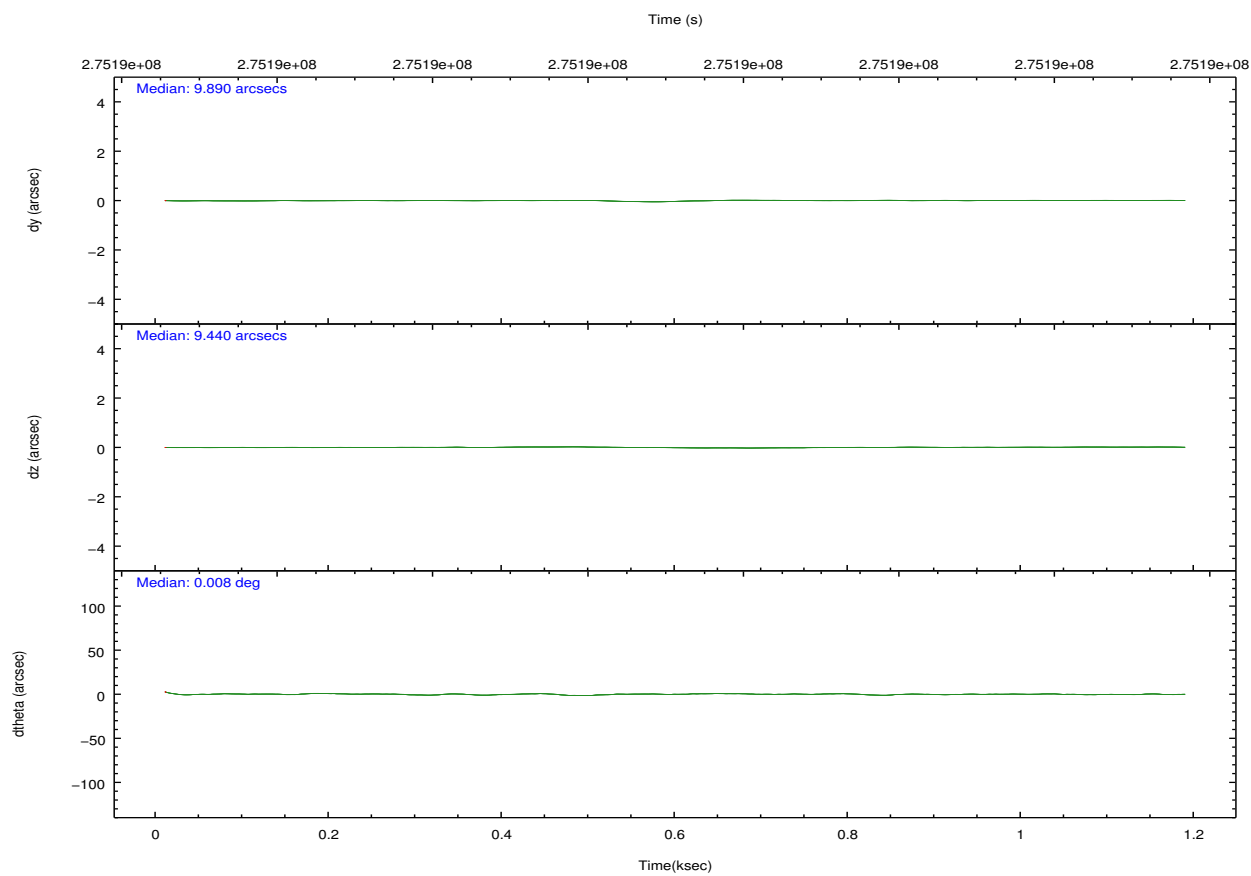
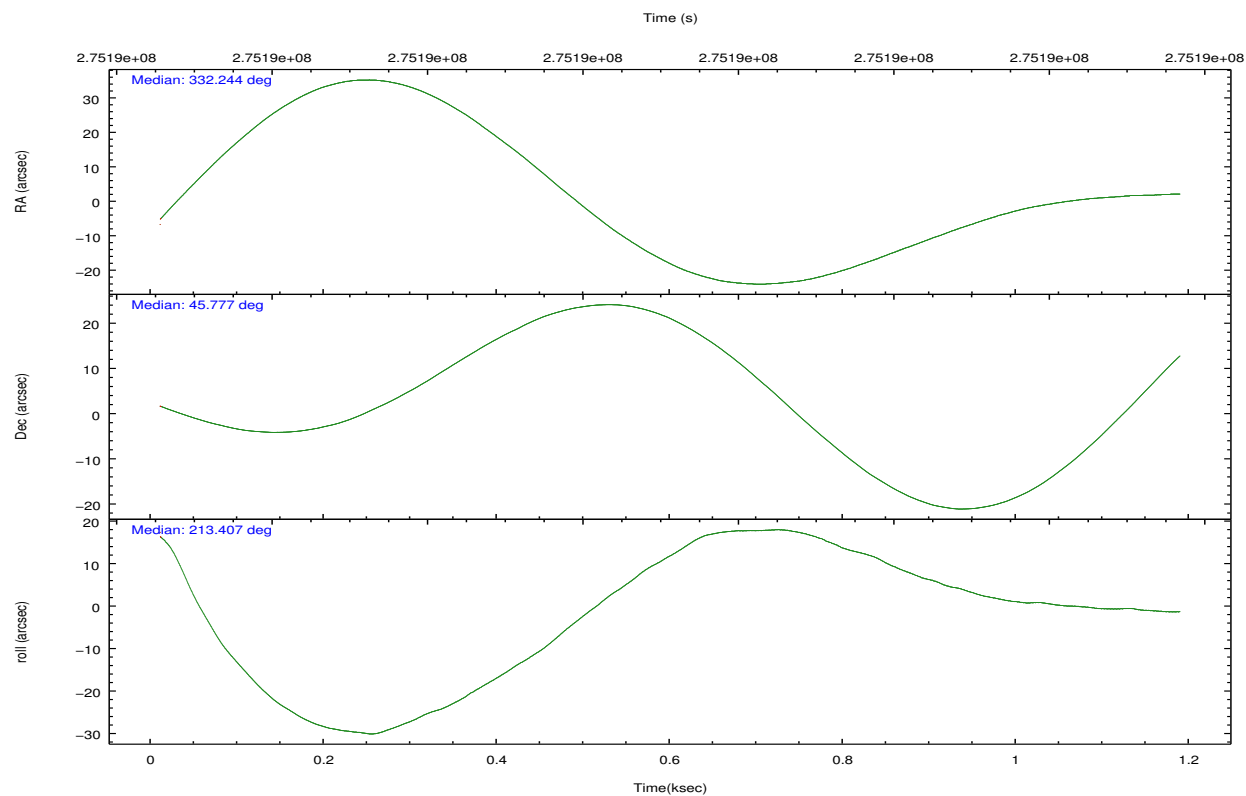
	segment 0
level 1 events	118154
rejected events	25800
rejected %	21%

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	332.260382	332.2447433411614			
[deg] Pointing Dec	45.802863	45.77737364976535			
[deg] Pointing Roll	213.493955	213.4098161325895			
[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)	275186912.184000	275186535.50163			
Observation start date	2006-09-21T00:47:27	2006-09-21T00:42:15			
[s] Observation end time (MET)	275187912.184000	275188045.8392			
Observation end date	2006-09-21T01:04:07	2006-09-21T01:07:25			

2.3 Aspect



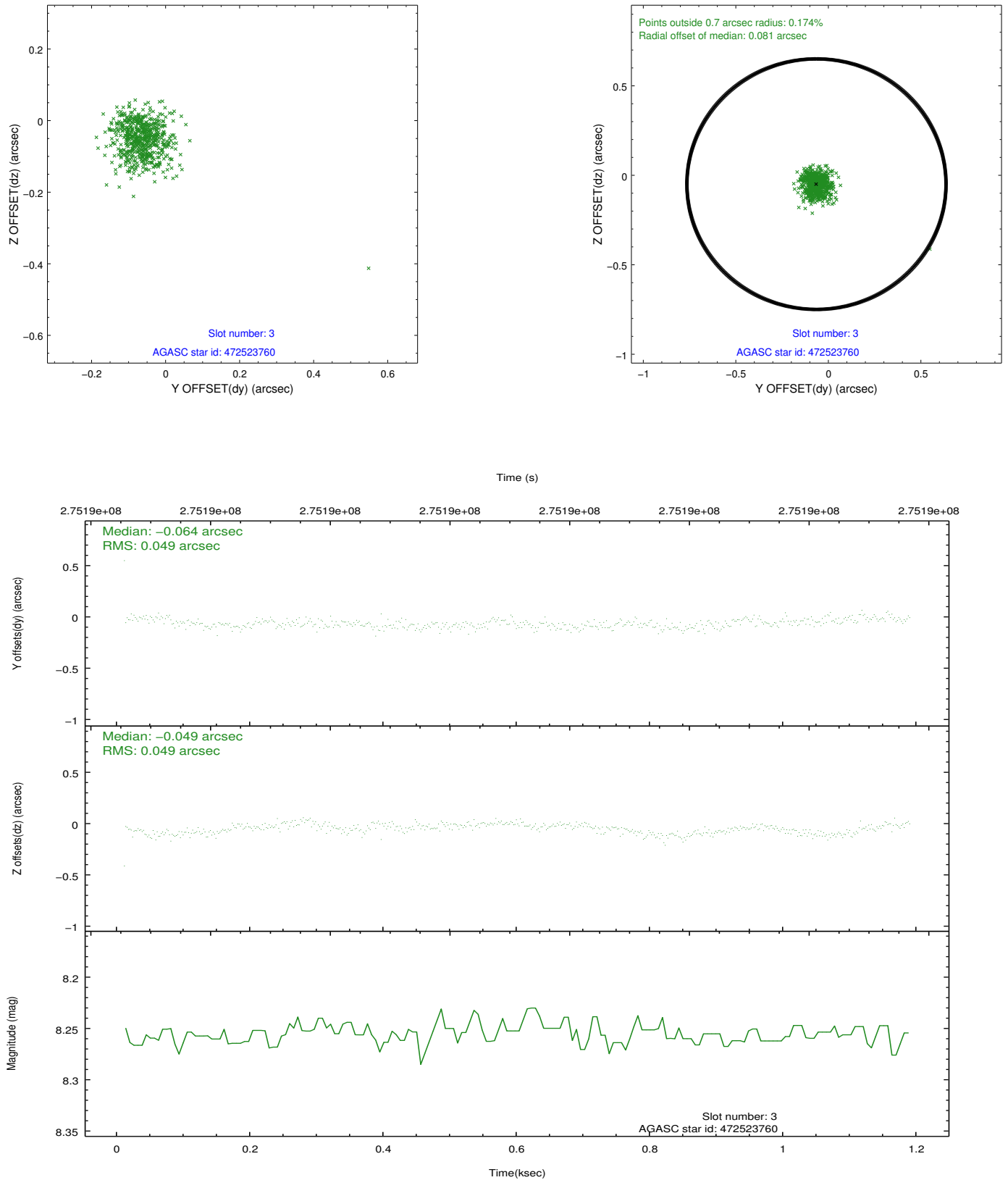


Slot Statistics

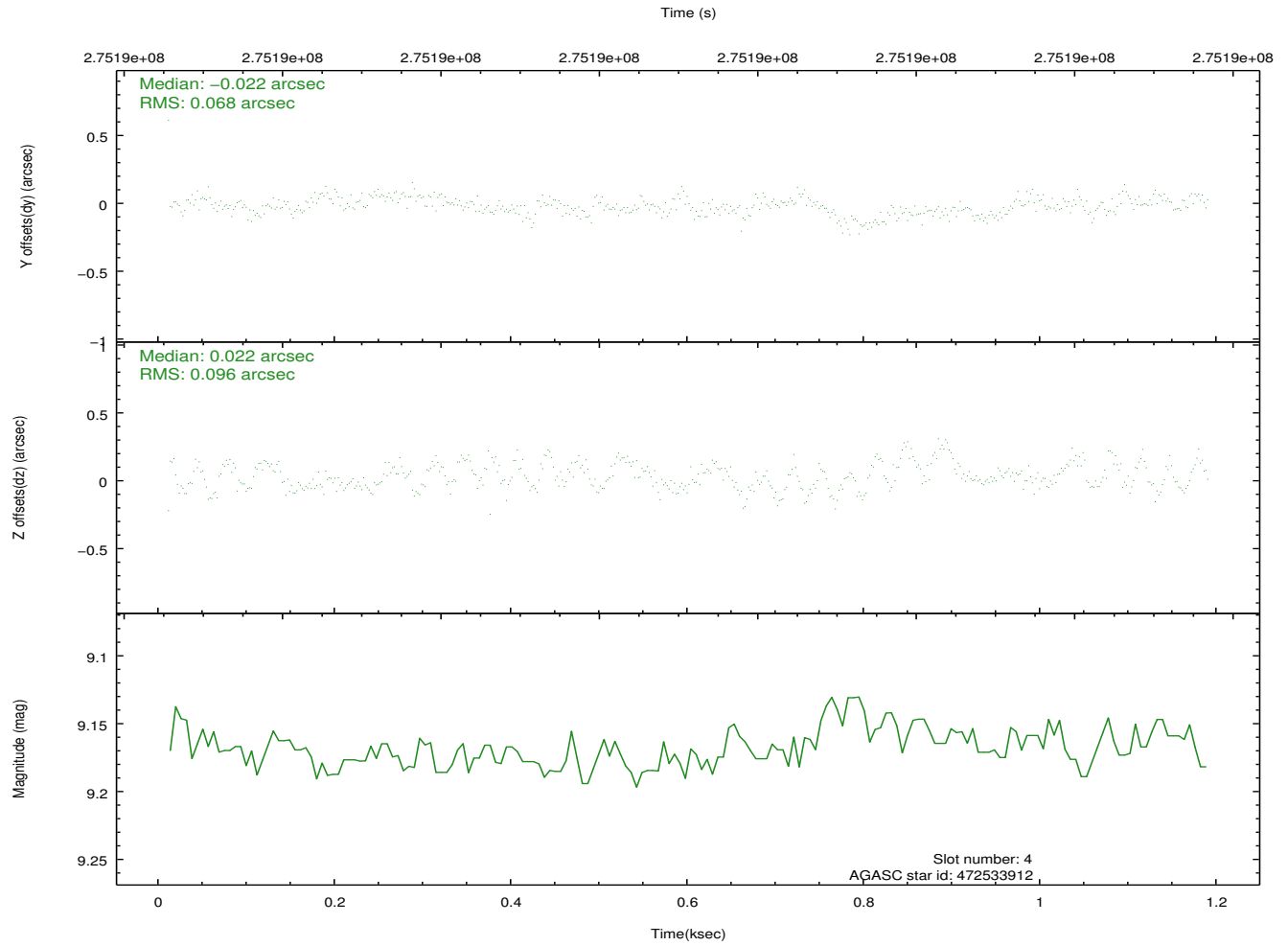
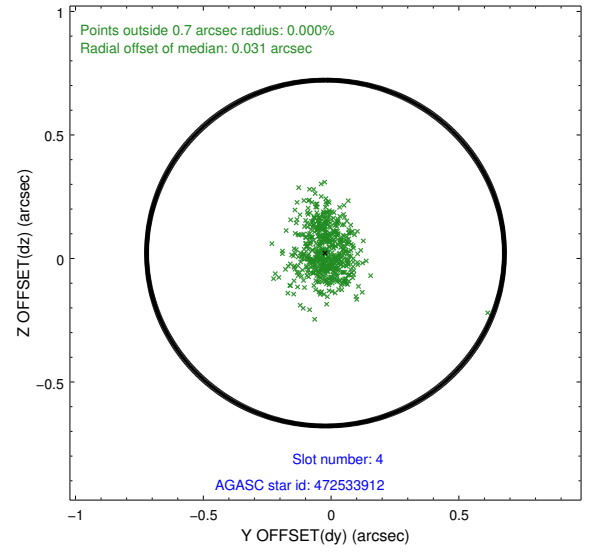
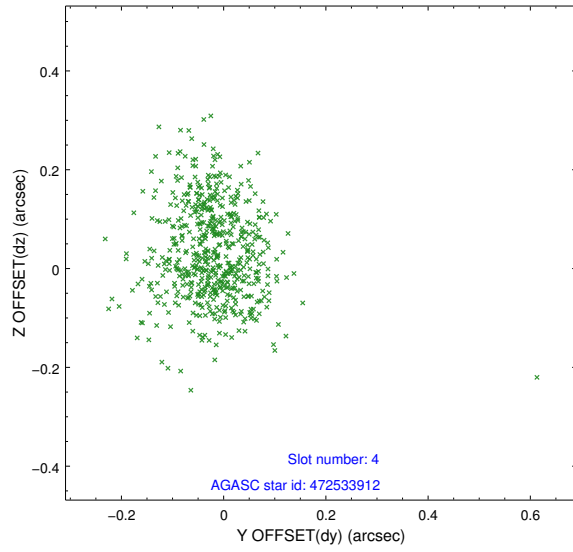
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	288	-0.019	0.039	0.007	0.012	0.000000	0.000000	-765.56	-1297.33
1	FID	HRC-I-2	7.01	288	0.130	-0.081	0.006	0.010	0.000000	0.000000	844.56	-1303.51
2	FID	HRC-I-3	7.06	288	0.008	-0.048	0.006	0.011	0.000000	0.000000	-1191.10	1002.62
3	GUIDE	472523760	8.26	576	-0.064	-0.049	0.067	0.108	331.645363	45.403260	2087.37	332.89
4	GUIDE	472533912	9.17	576	-0.022	0.022	0.122	0.208	331.791136	46.368695	-149.76	-2348.31
5	GUIDE	472655152	9.44	575	0.039	-0.162	0.111	0.170	332.504239	45.862991	-629.64	147.80
6	GUIDE	472665256	9.01	575	0.064	0.083	0.089	0.141	332.808125	46.195041	-1920.58	-431.91
7	GUIDE	472654568	9.44	575	-0.006	0.107	0.113	0.187	332.194449	45.063576	1605.46	2122.34

2.4 Star Slots

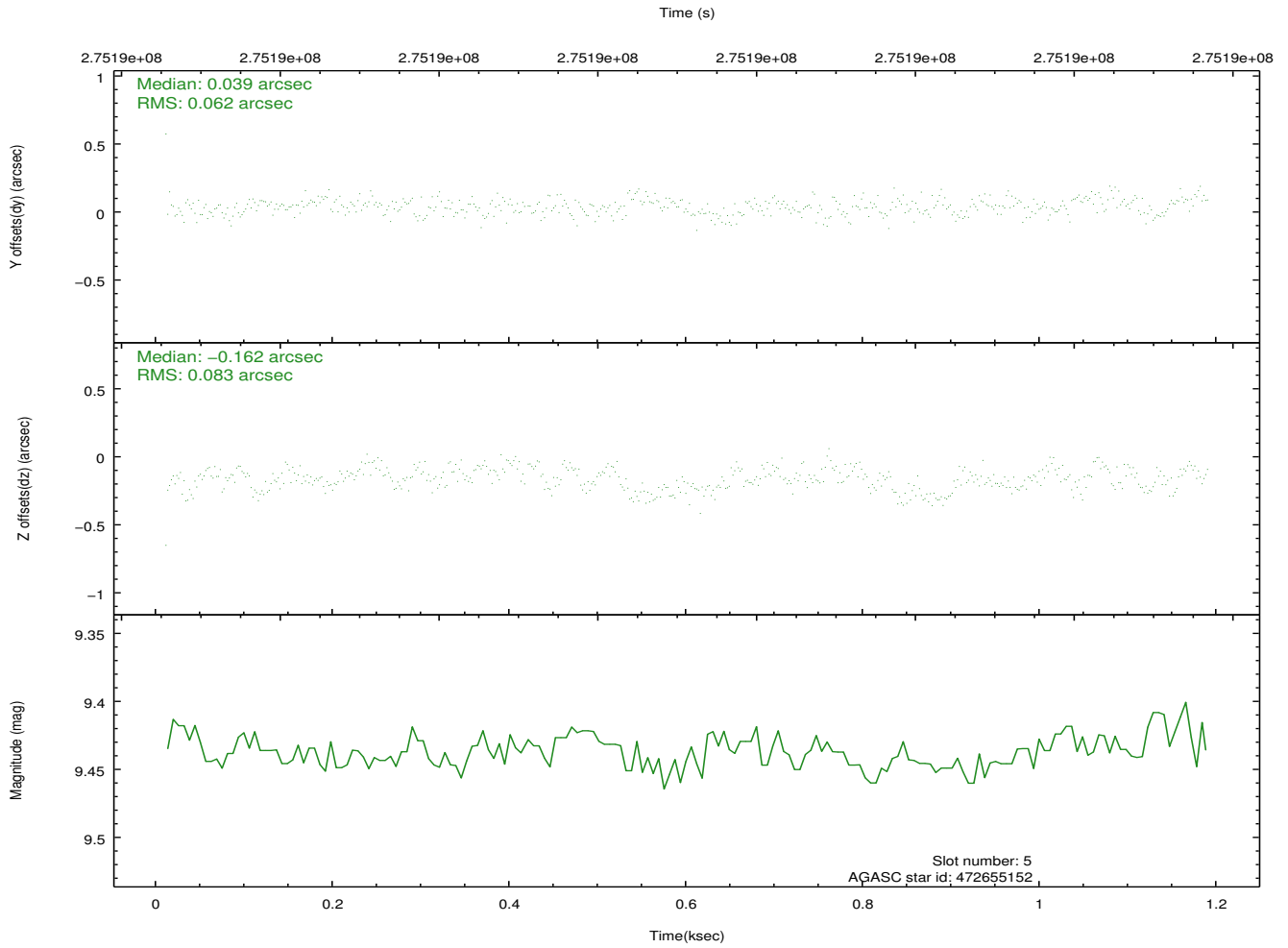
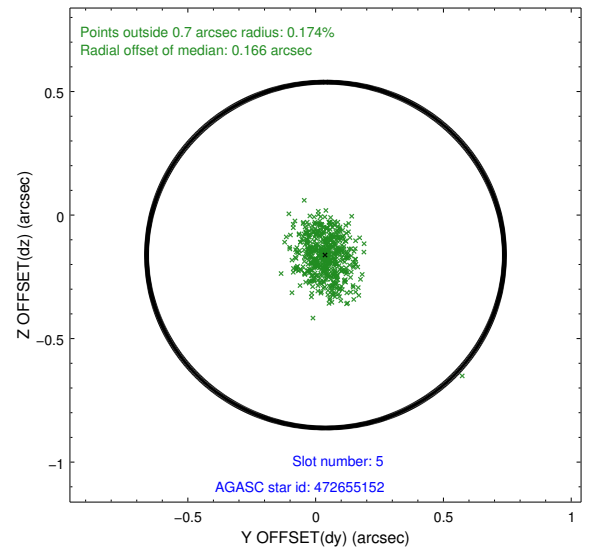
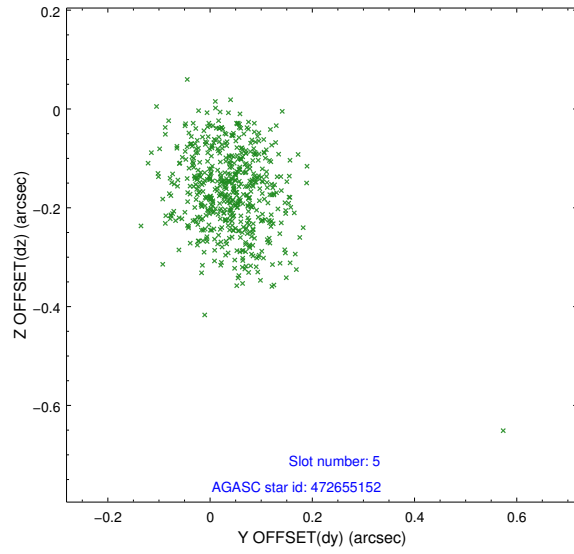
2.4.1 Slot 3



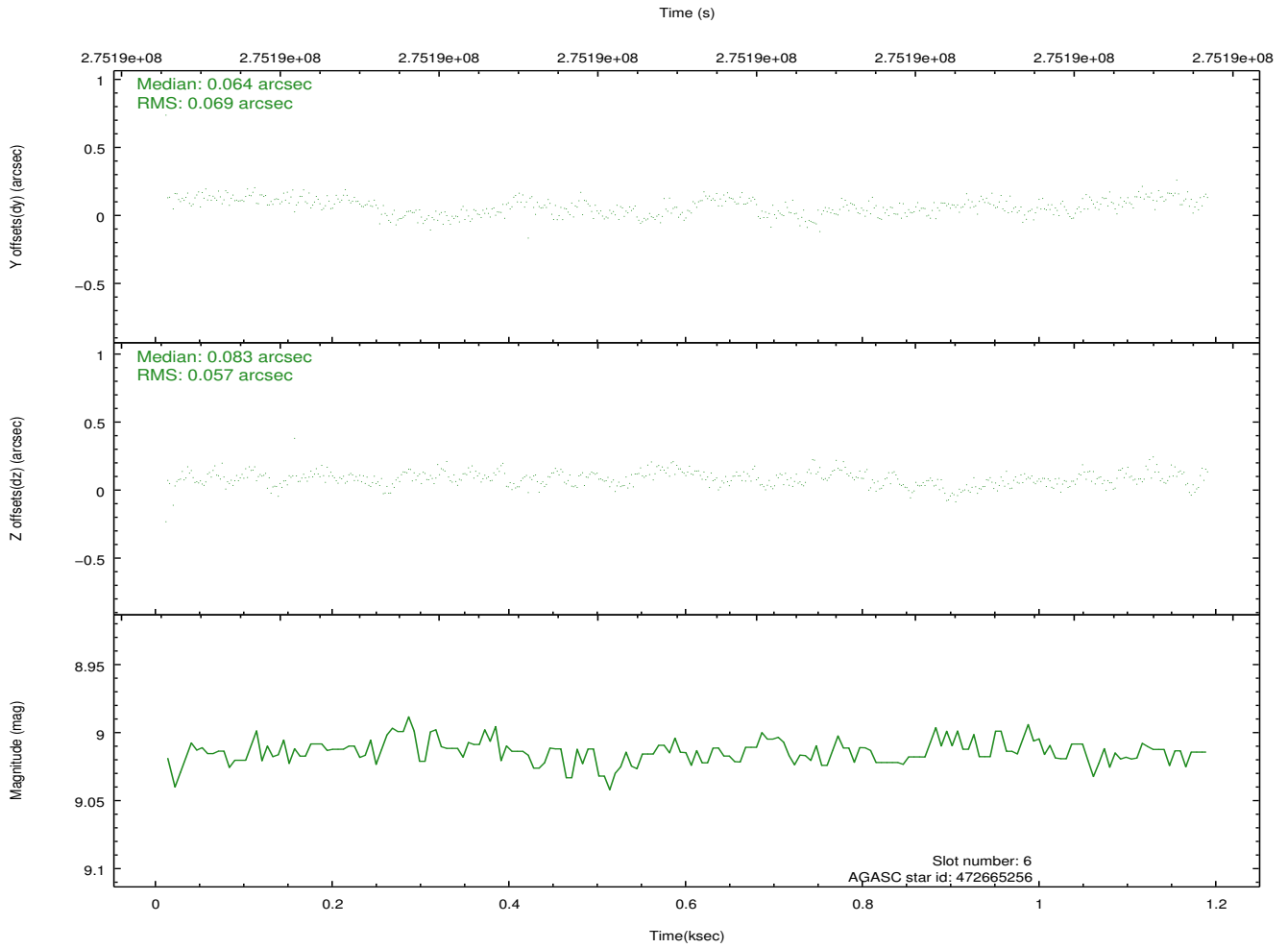
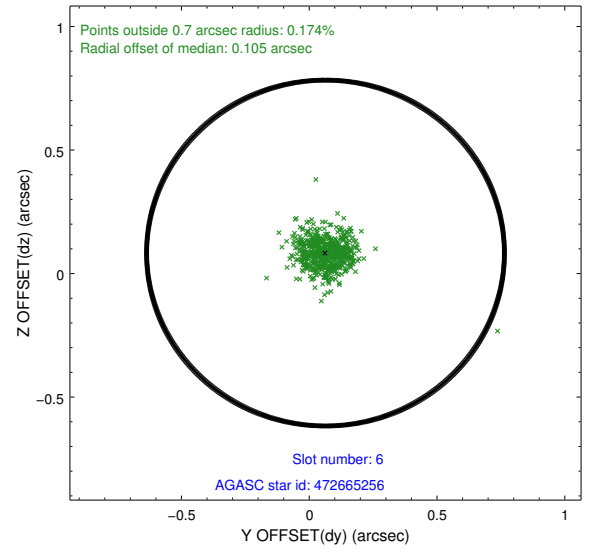
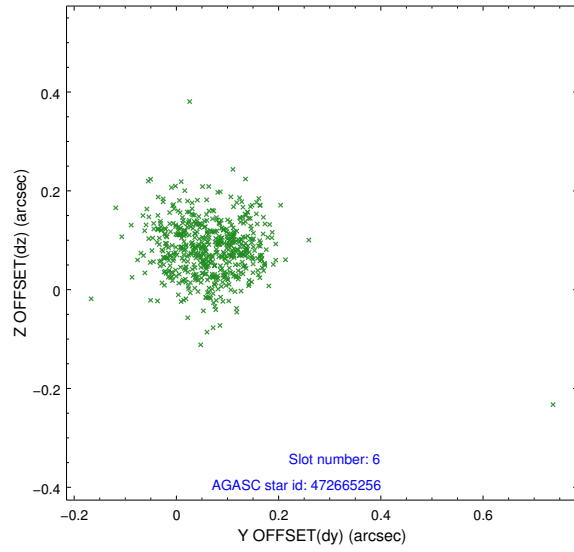
2.4.2 Slot 4



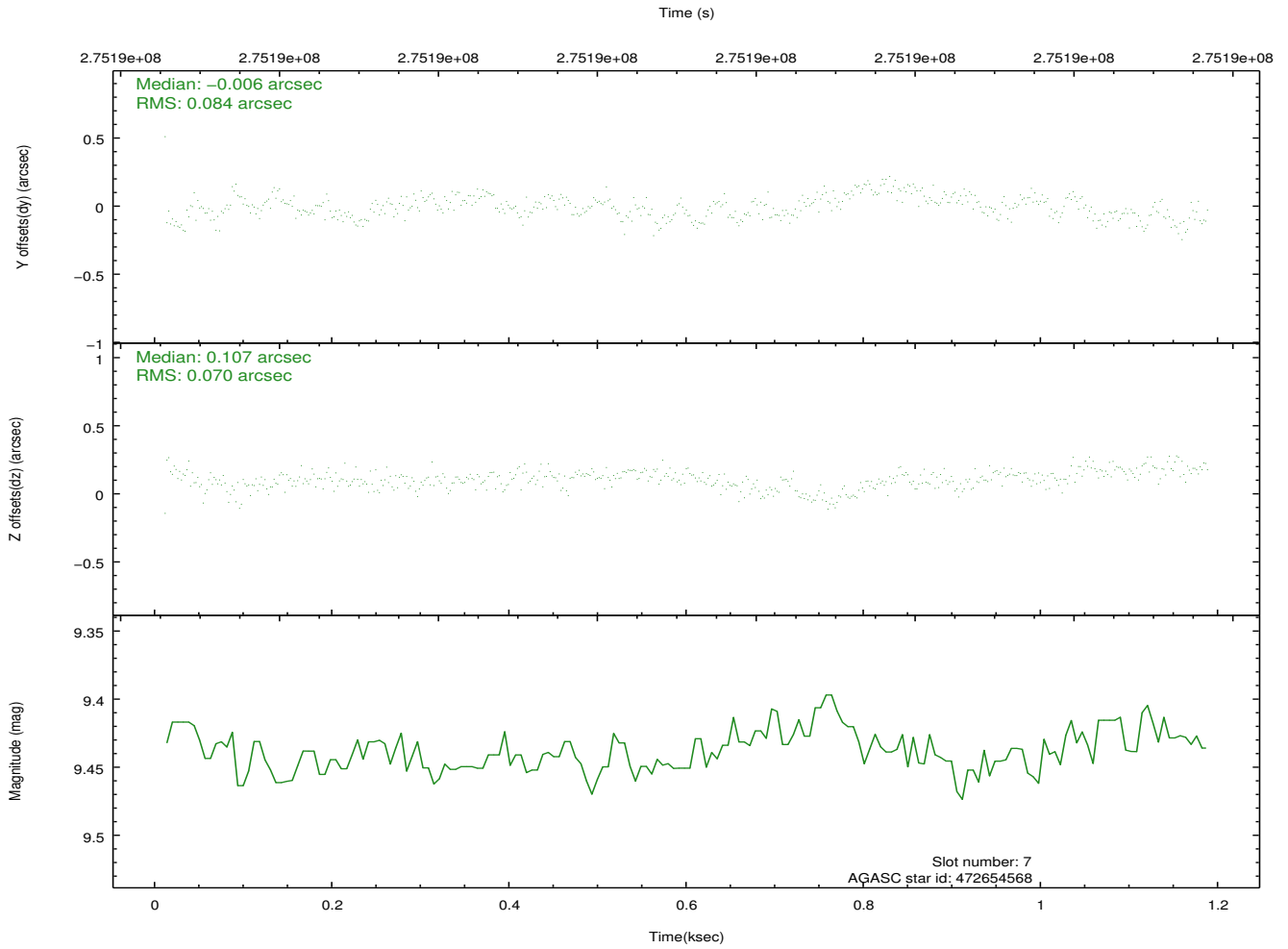
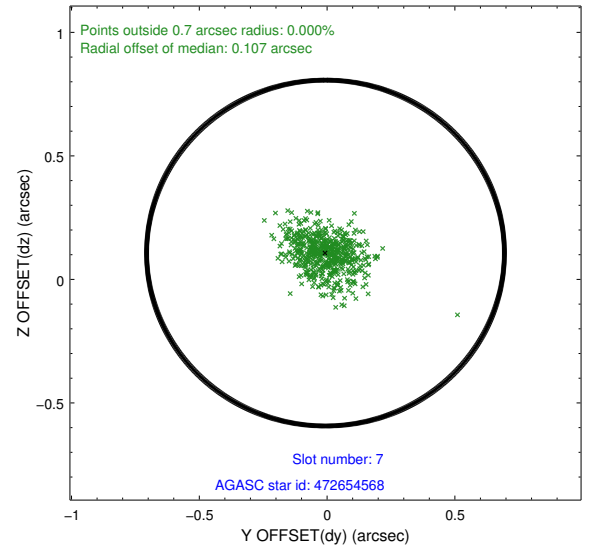
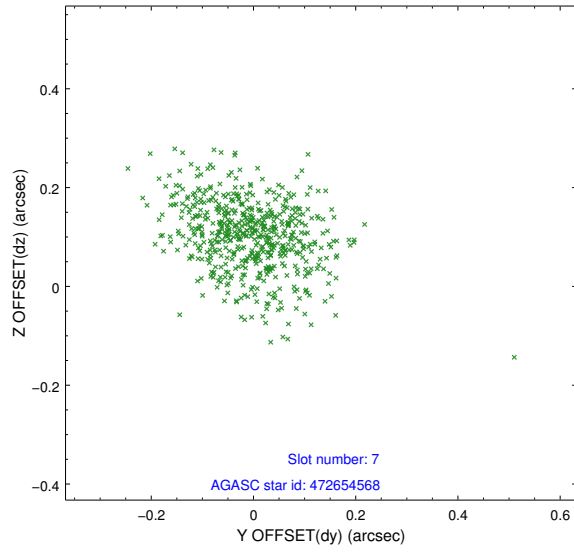
2.4.3 Slot 5



2.4.4 Slot 6

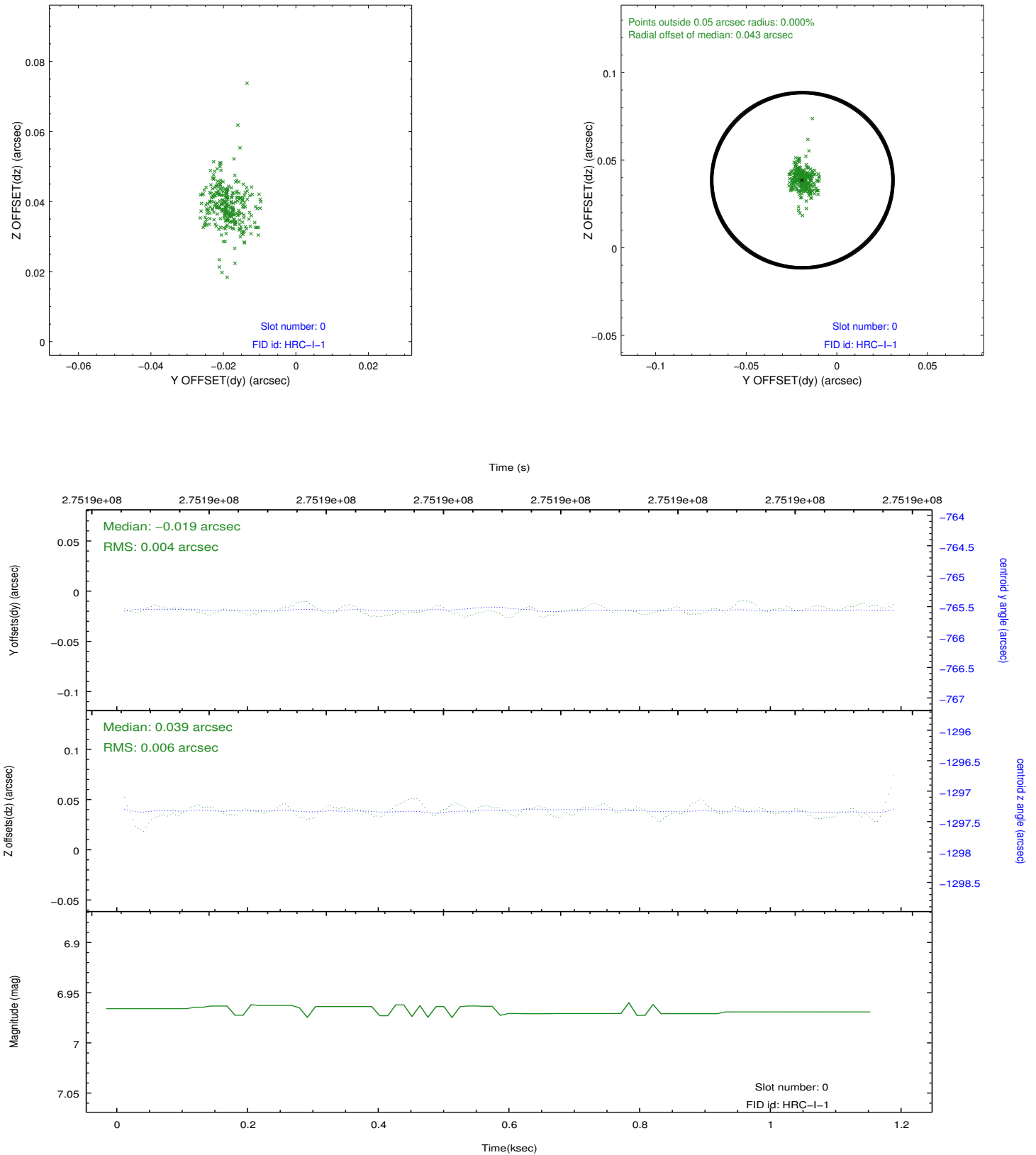


2.4.5 Slot 7

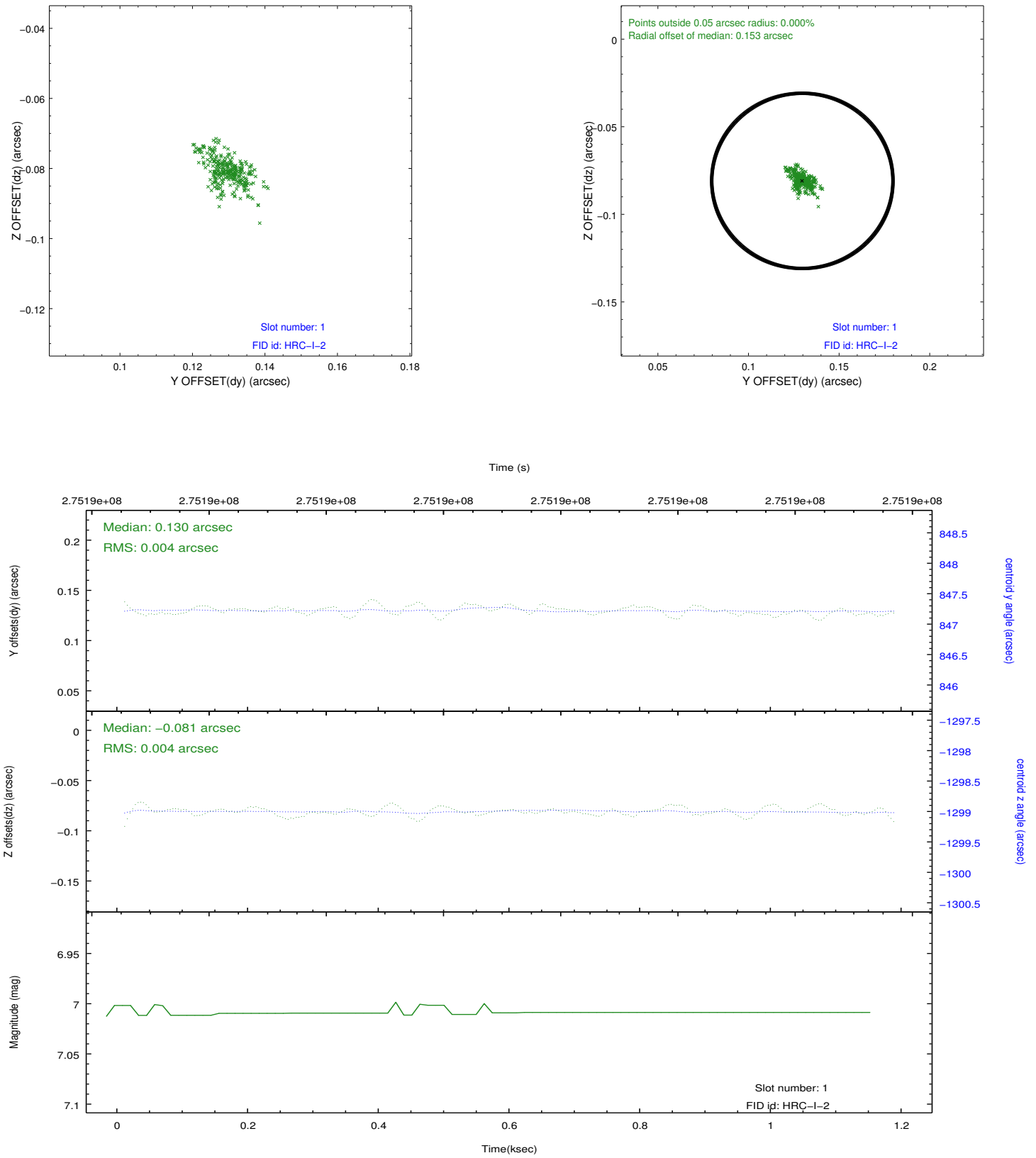


2.5 FID Slots

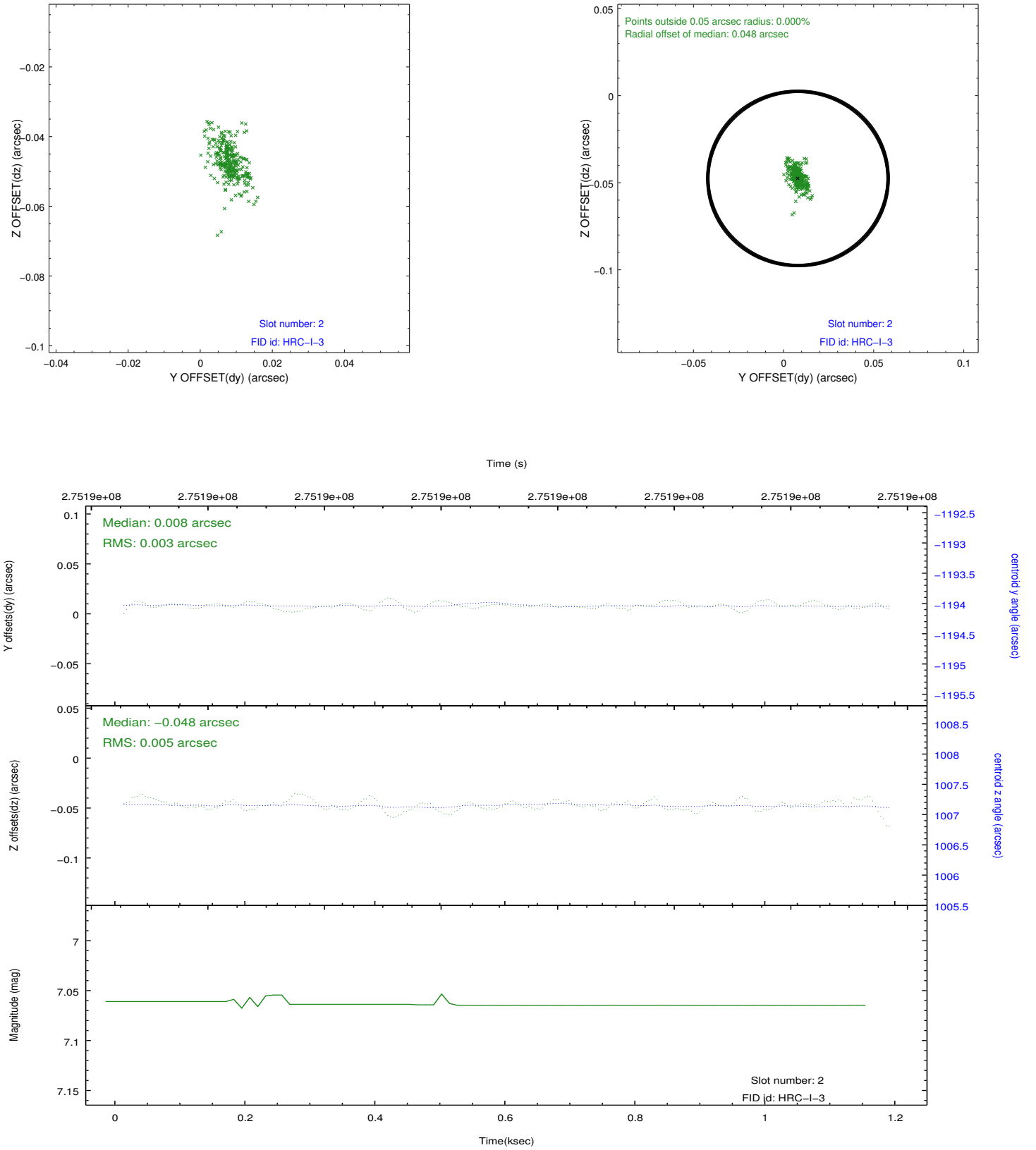
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1779813

A.2 Comments