

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6507 - L2 Version 3
Chandra X-Ray Center

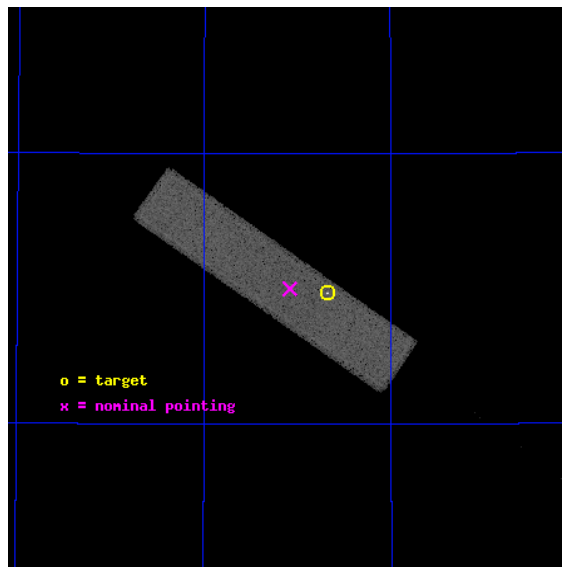
L2 Processing Date : Aug 11 2012

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1 Front

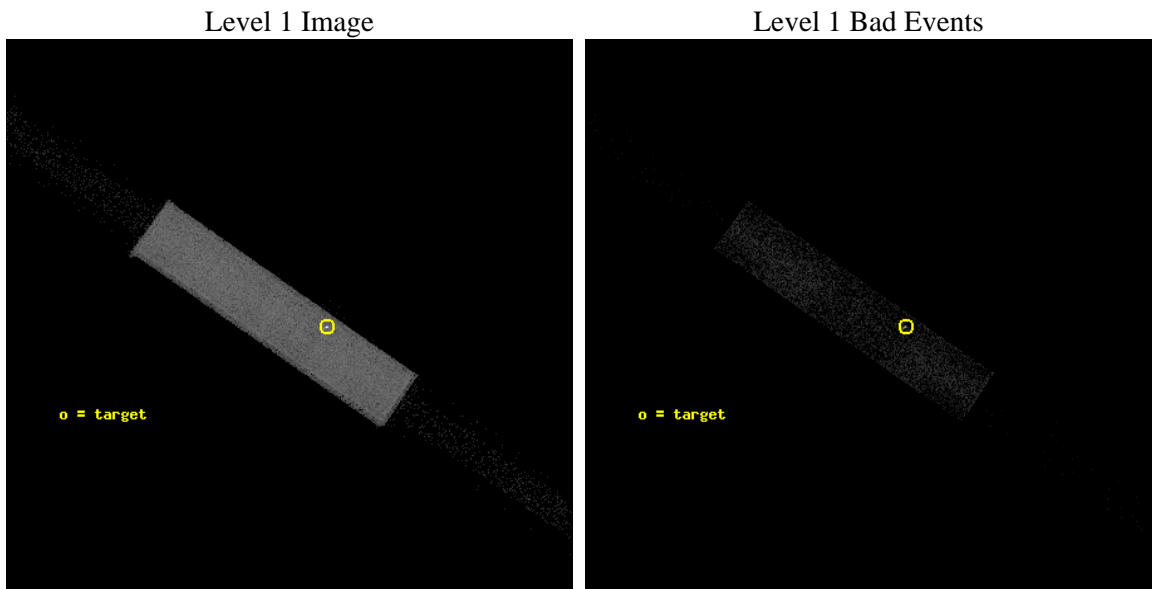
seq_num	290600	Sequence number
obs_id	6507	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27035960864	Nominal RA [deg]
dec_nom	45.750474662499	Nominal Dec [deg]
roll_nom	214.69700405259	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813042641	[s]
livetime	1143.6524851596	Ontime multiplied by DTCOR
l2events	68894	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	1153.3813042641	[s]
caldsver	4.5.1.1	 	l1events	117579	Number of level 1 events
date	2012-08-11T14:00:38	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

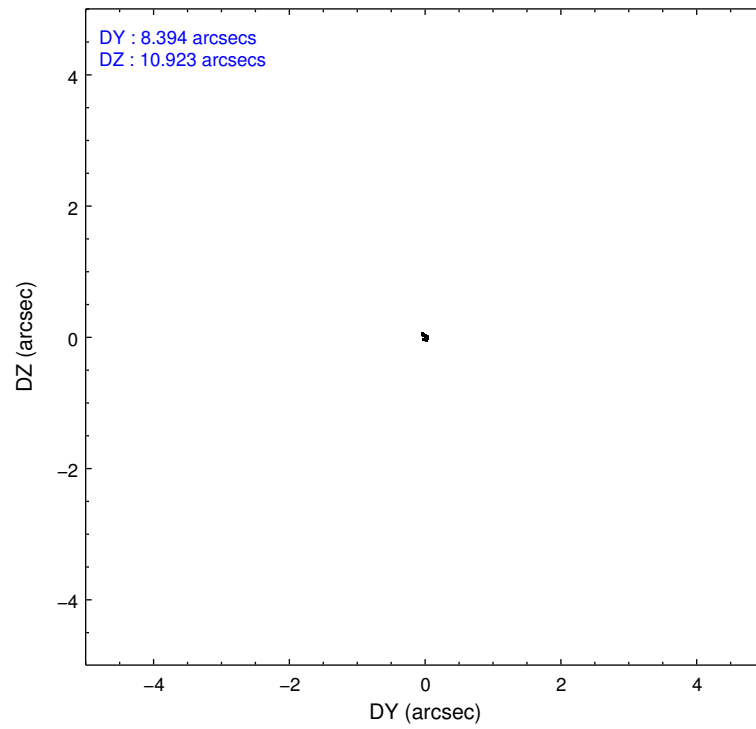
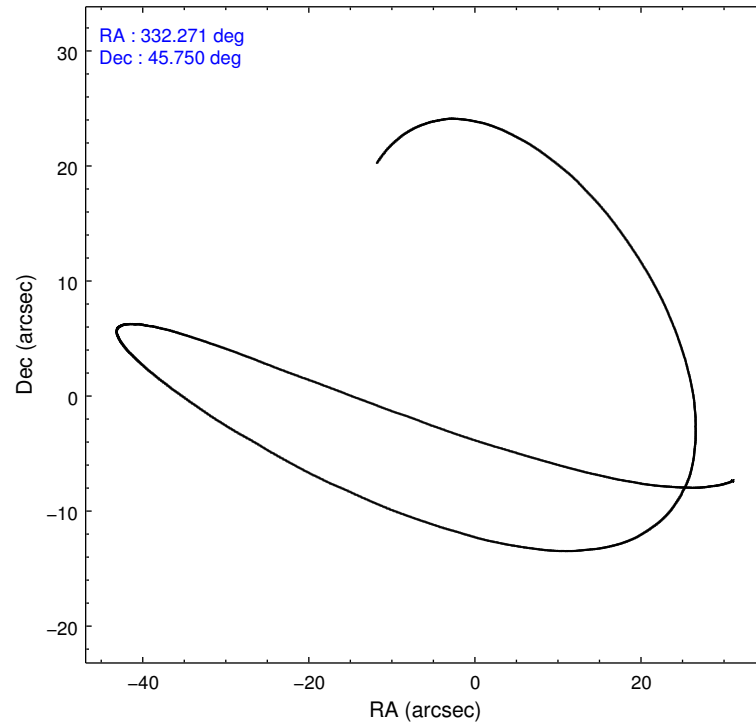
	segment 1	segment 2	segment 3
level 1 events	946	115797	836
rejected events	946	33336	827
rejected %	100%	28%	98%

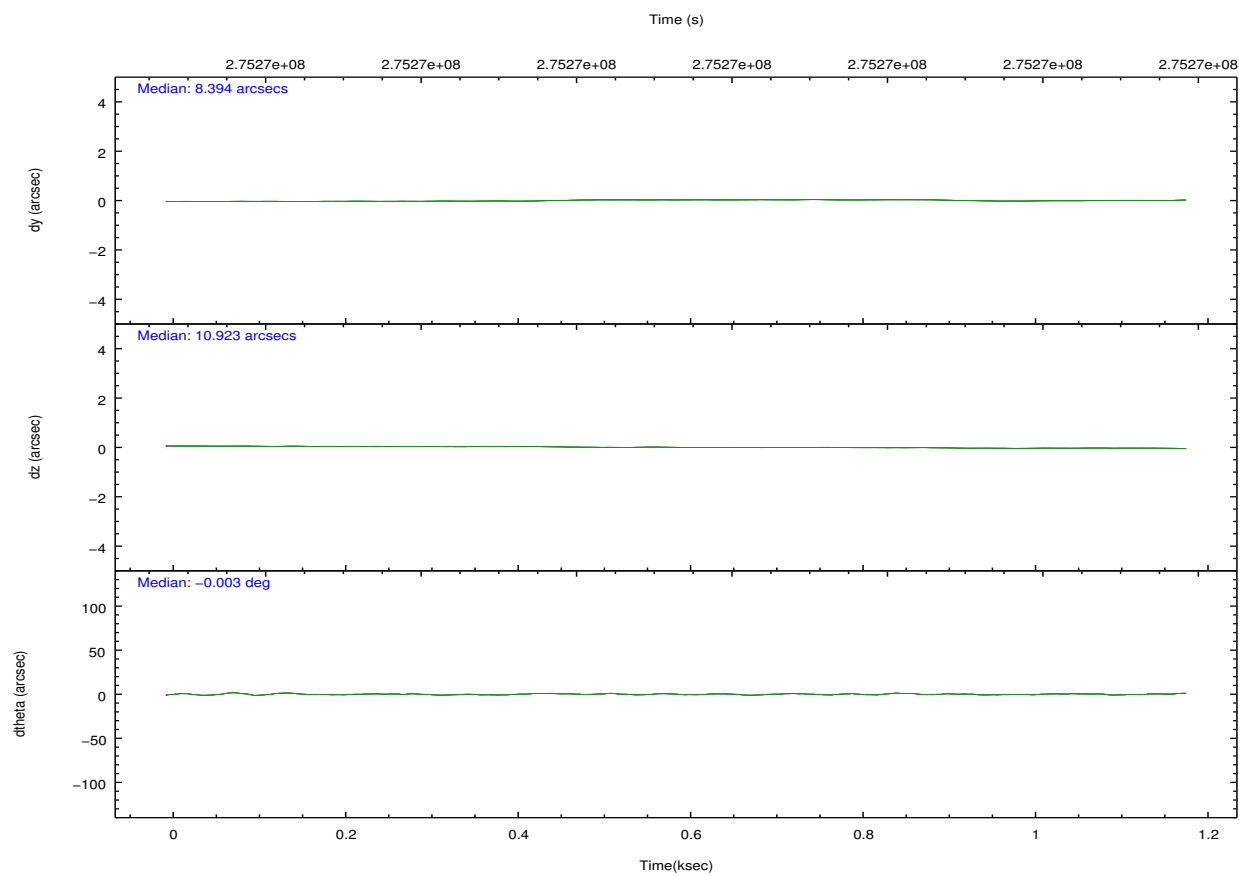
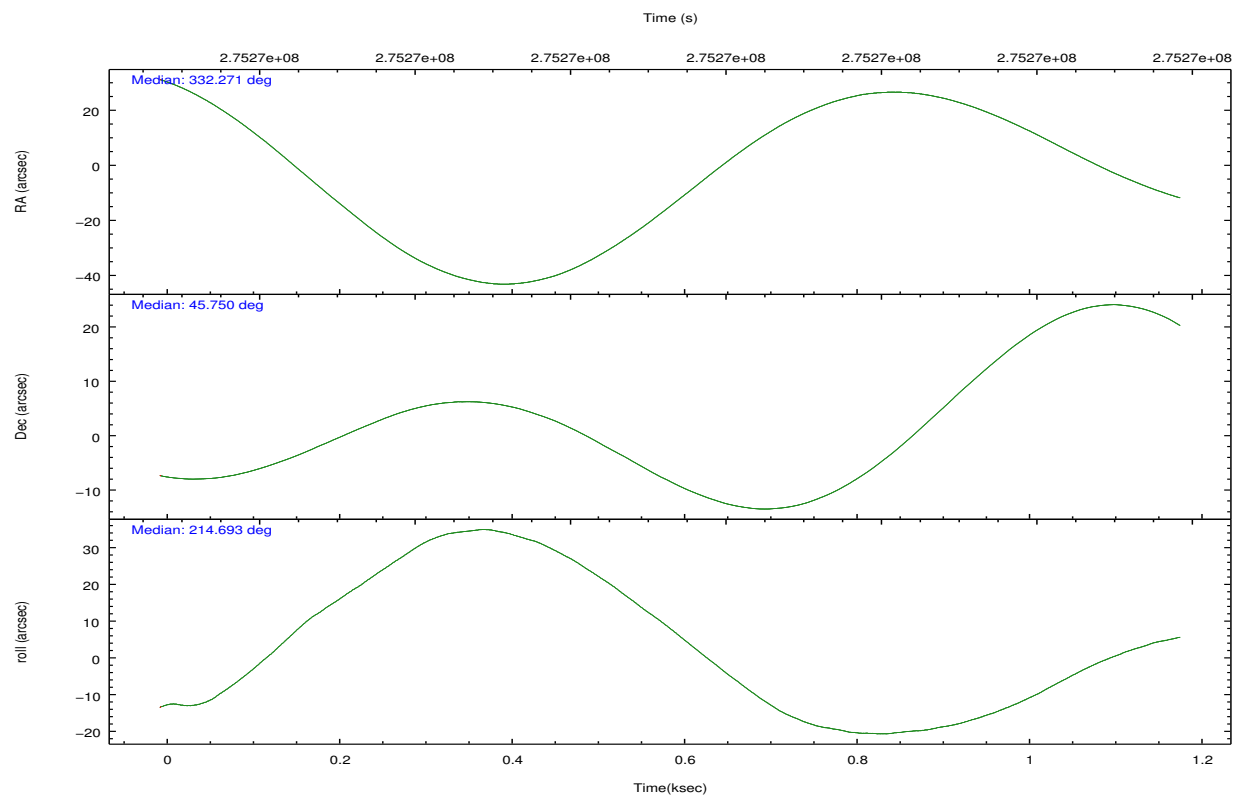
2.2 Compared Parameters

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	332.285796	332.2703596086365
[deg] Pointing Dec	45.776683	45.75047466249922
[deg] Pointing Roll	214.618533	214.6970040525889
[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)	275268910.184000	275268534.48049
Observation start date	2006-09-21T23:34:05	2006-09-21T23:28:54
[s] Observation end time (MET)	275269910.184000	275270044.30556
Observation end date	2006-09-21T23:50:45	2006-09-21T23:54:04

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

2.3 Aspect



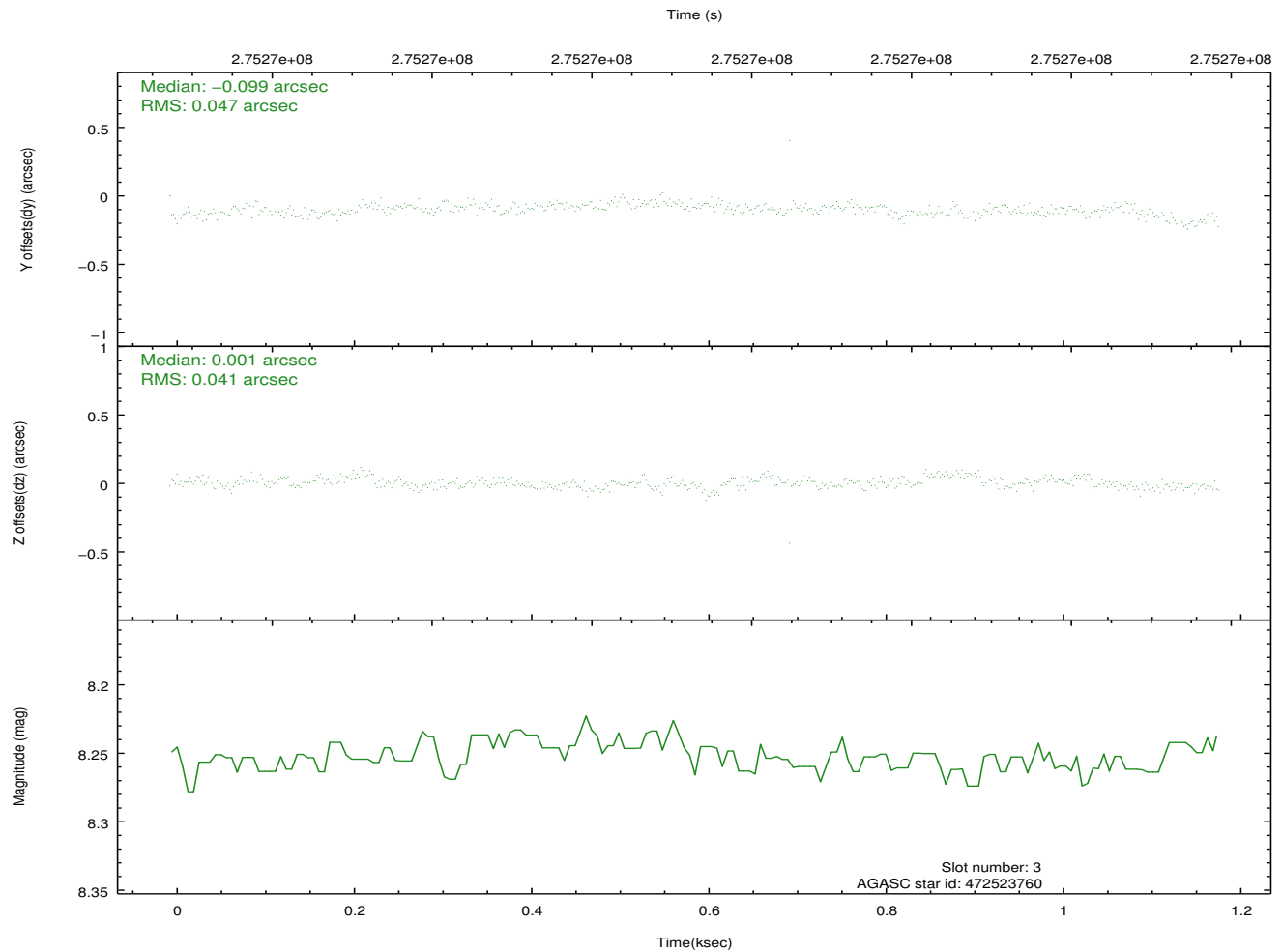
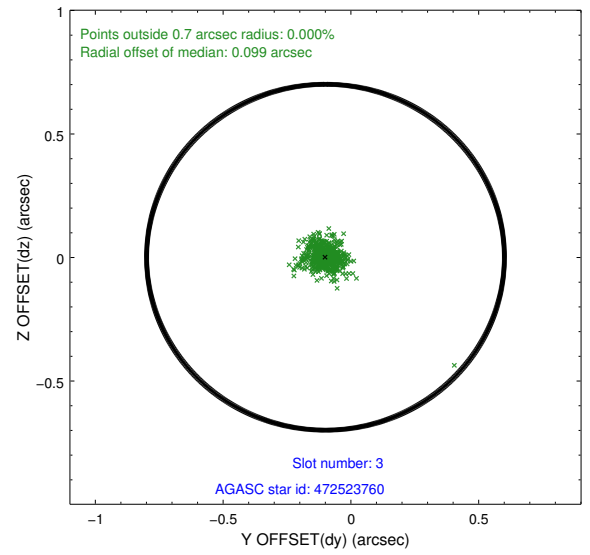
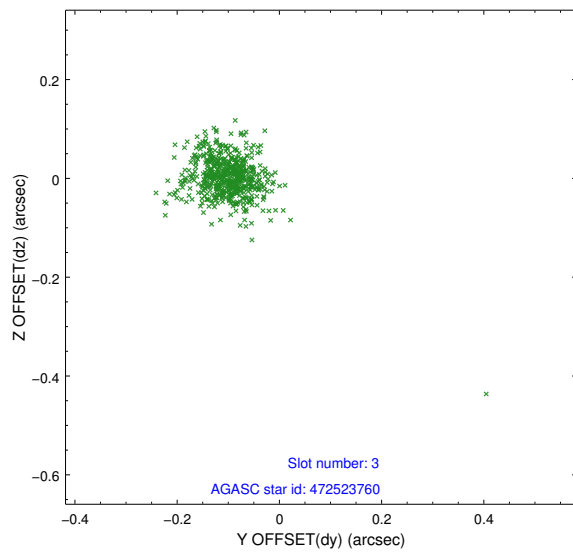


Slot Statistics

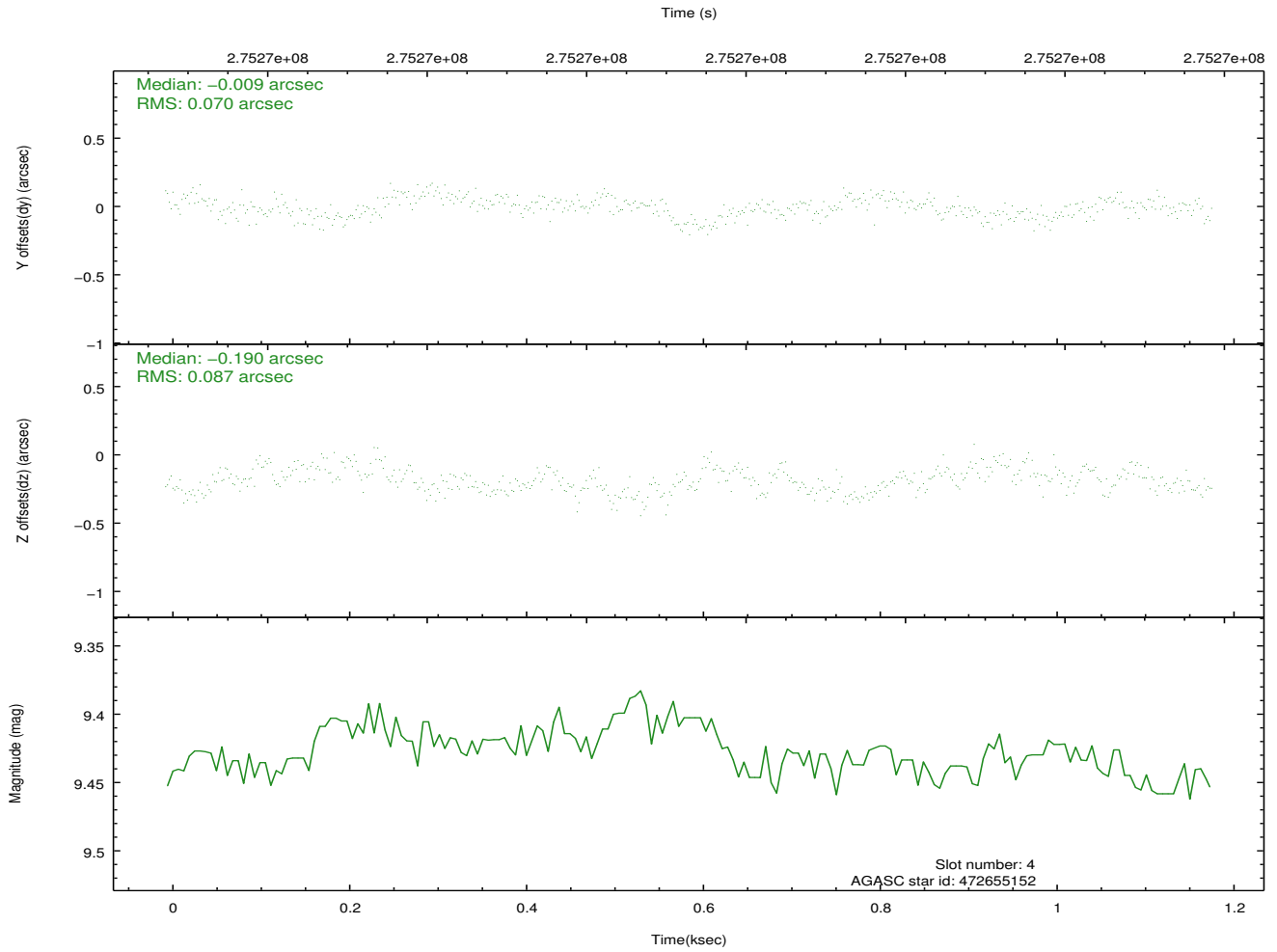
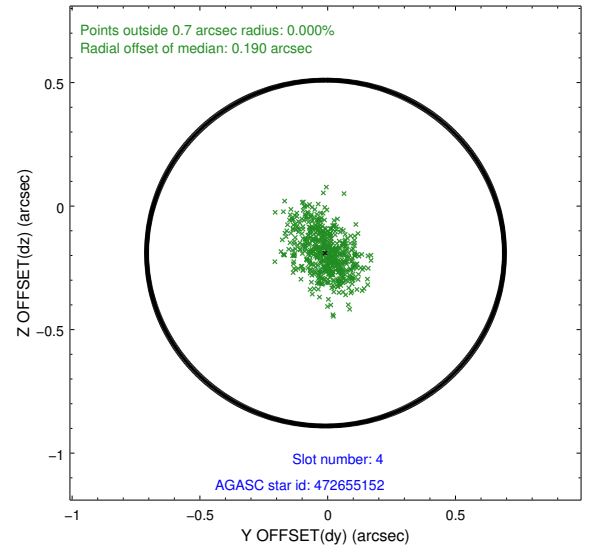
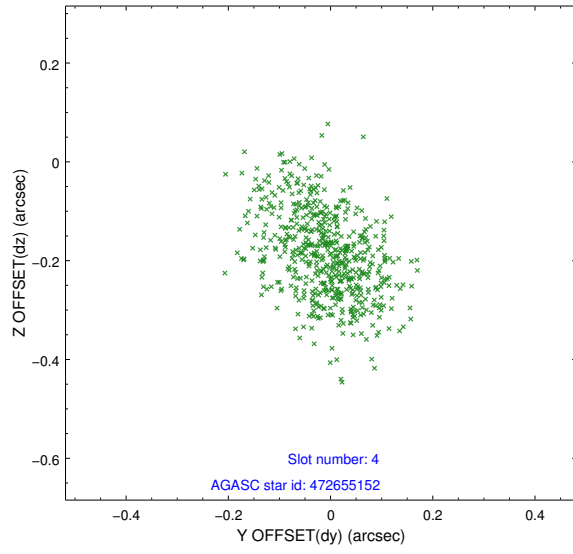
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.145	-0.181	0.006	0.011	0.000000	0.000000	-1162.55	-459.66
1	FID	HRC-S-2	7.05	289	0.156	-0.118	0.005	0.008	0.000000	0.000000	1233.10	-453.83
2	FID	HRC-S-3	7.07	289	0.088	-0.003	0.006	0.010	0.000000	0.000000	-1161.06	568.46
3	GUIDE	472523760	8.25	578	-0.099	0.001	0.057	0.102	331.645363	45.403260	2093.49	182.23
4	GUIDE	472655152	9.43	578	-0.009	-0.190	0.120	0.194	332.504239	45.862991	-622.69	55.75
5	GUIDE	472663080	9.42	578	0.079	0.073	0.091	0.144	332.652741	46.473840	-2175.37	-1549.51
6	GUIDE	472665256	9.02	577	0.047	0.042	0.098	0.192	332.808125	46.195041	-1931.63	-505.49
7	GUIDE	472533912	9.17	577	-0.012	0.087	0.119	0.183	331.791136	46.368695	-203.67	-2455.20

2.4 Star Slots

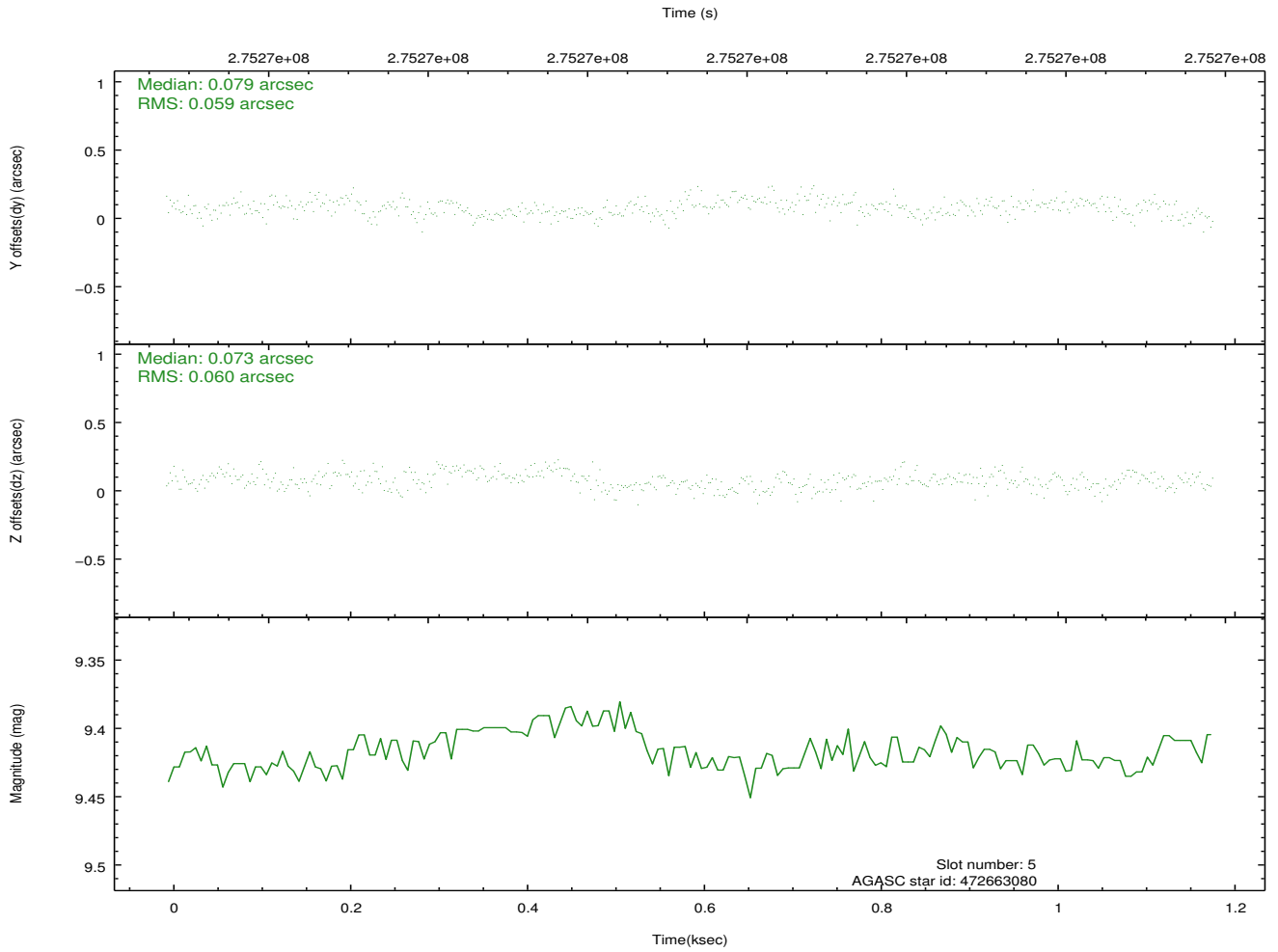
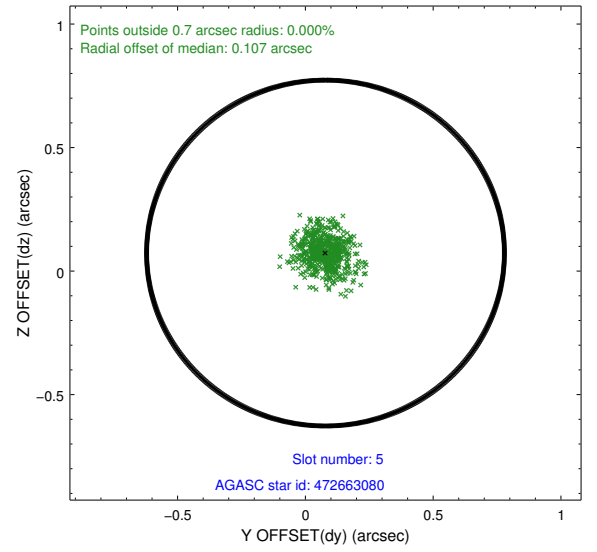
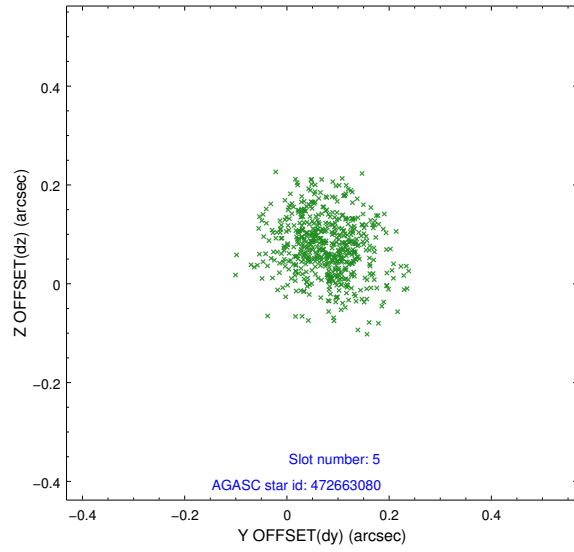
2.4.1 Slot 3



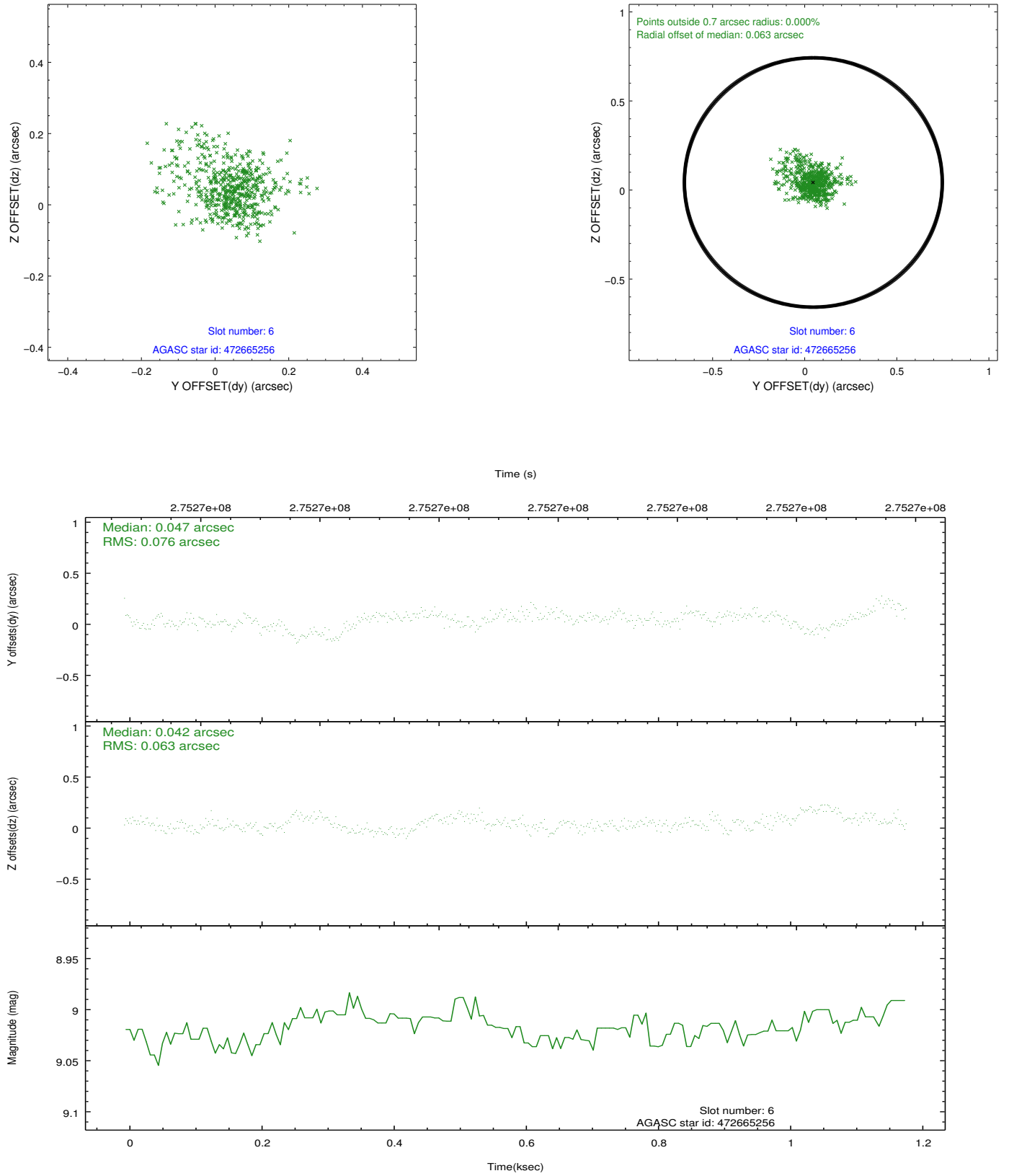
2.4.2 Slot 4



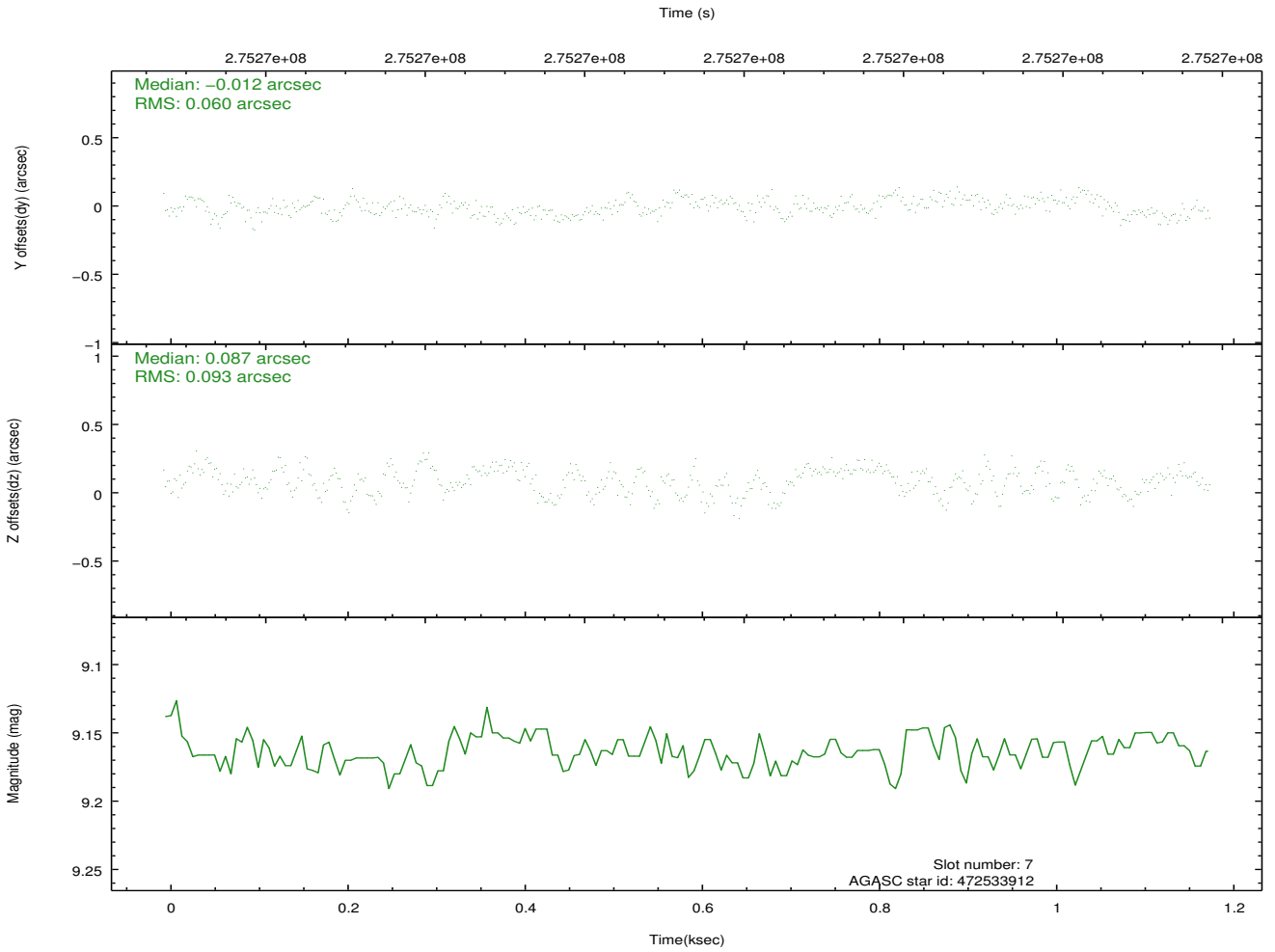
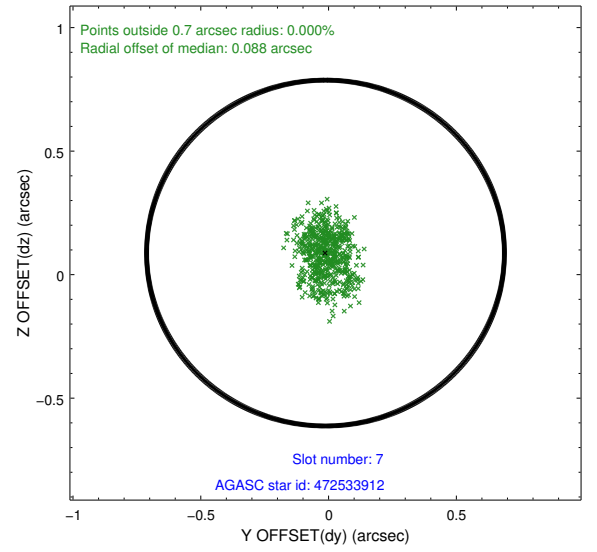
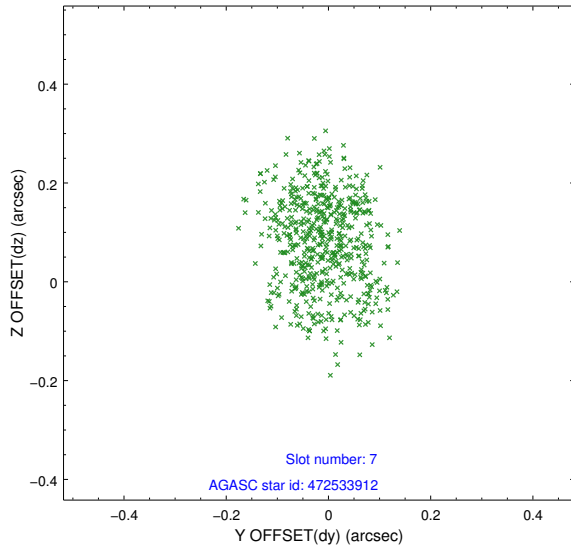
2.4.3 Slot 5



2.4.4 Slot 6

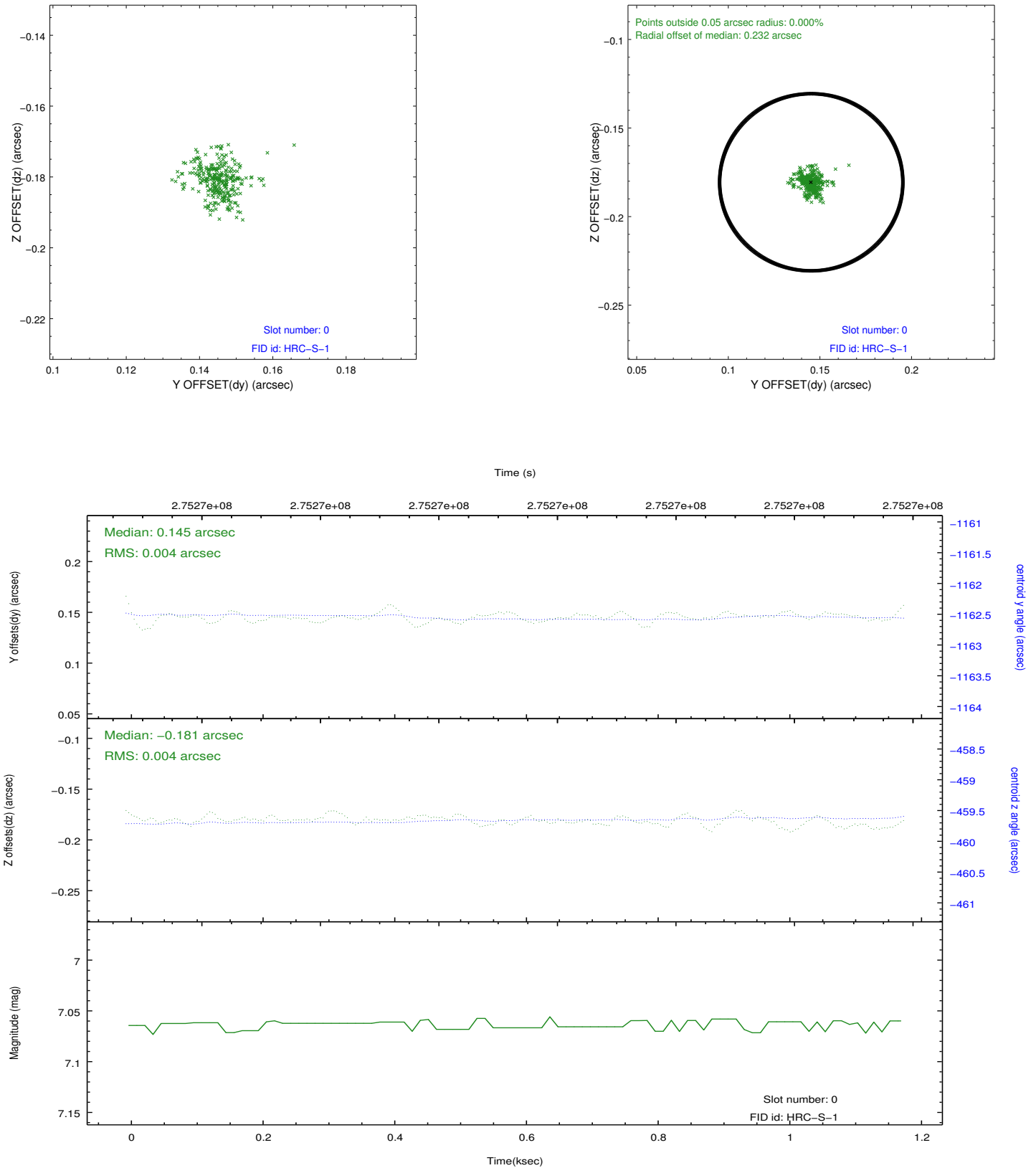


2.4.5 Slot 7

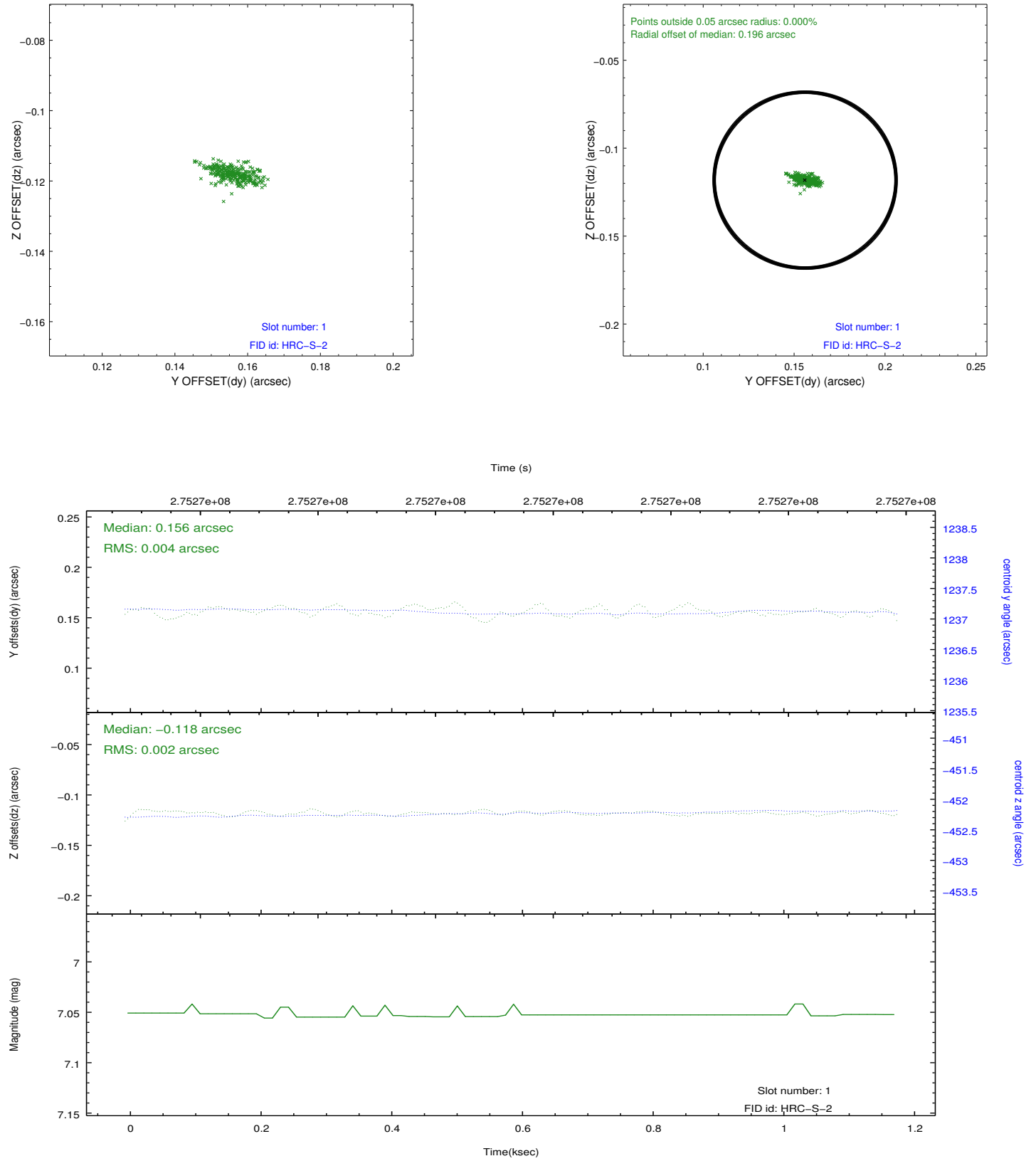


2.5 FID Slots

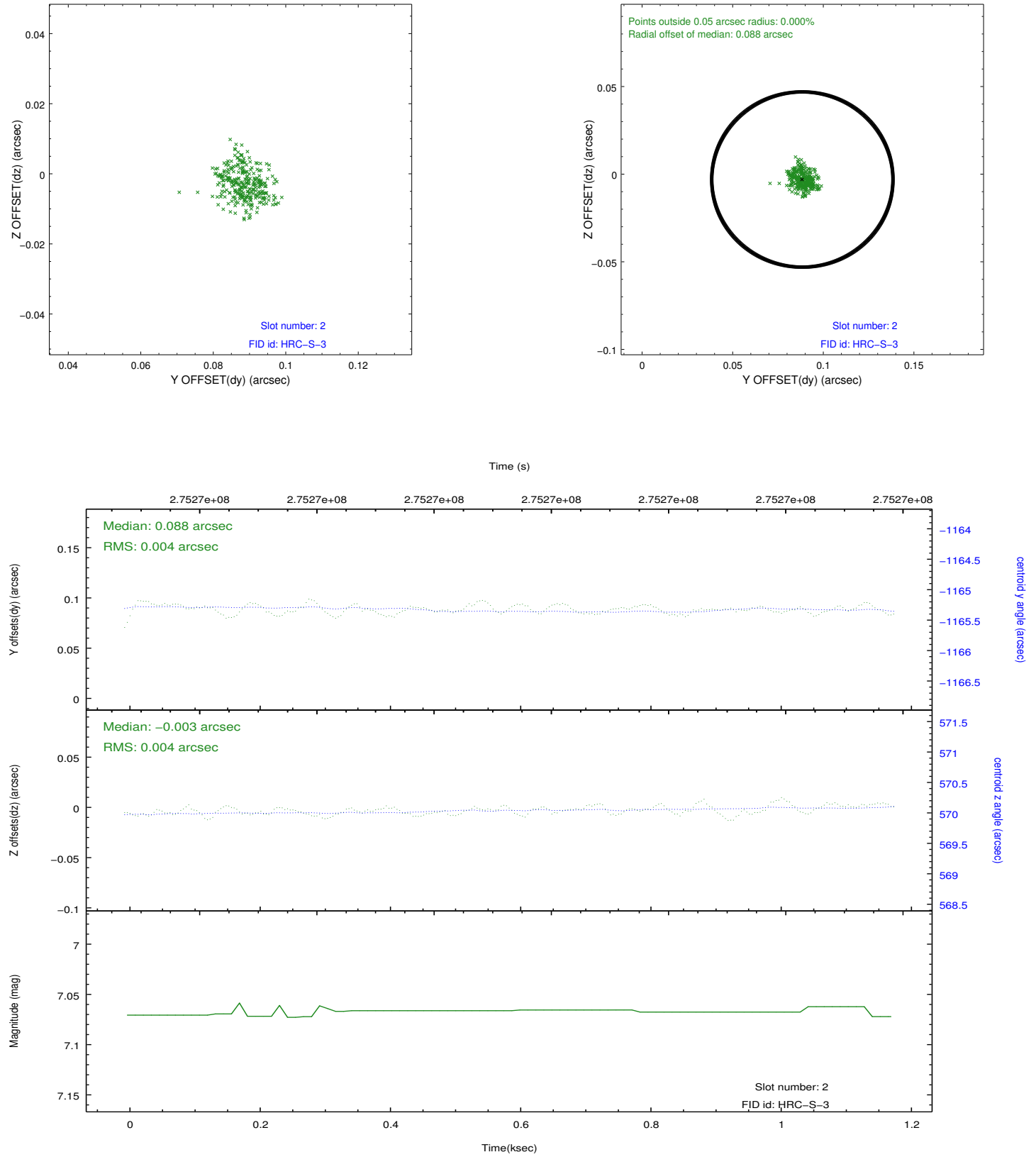
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1533813

A.2 Comments