

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6523 - L2 Version 4
Chandra X-Ray Center

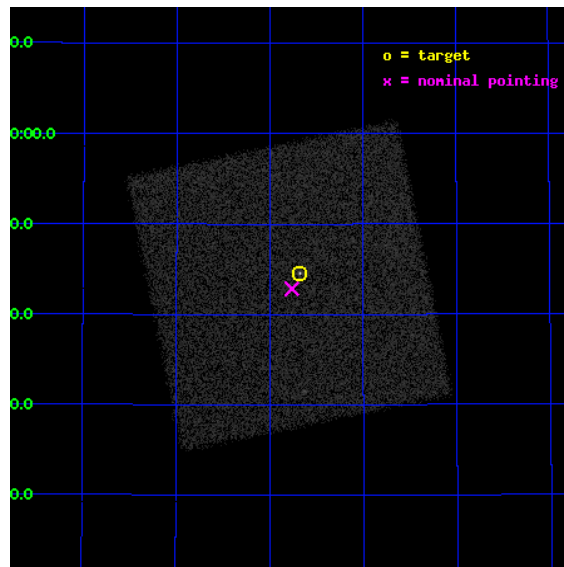
L2 Processing Date : Aug 11 2012

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1 Front

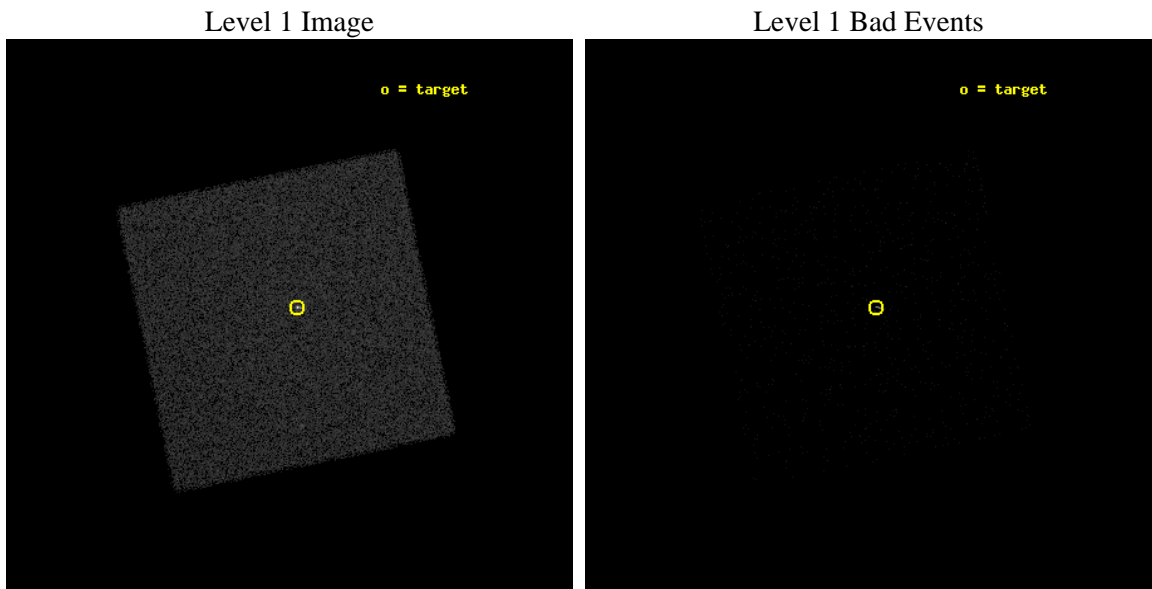
seq_num	290616	Sequence number
obs_id	6523	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19080796136	Nominal RA [deg]
dec_nom	45.714074056681	Nominal Dec [deg]
roll_nom	213.35372676515	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1175.9313051701	[s]
livetime	1165.1234726581	Ontime multiplied by DTCOR
l2events	62661	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	1175.9313051701	[s]
caldbver	4.5.1.1	 	l1events	116930	Number of level 1 events
date	2012-08-11T11:28:40	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

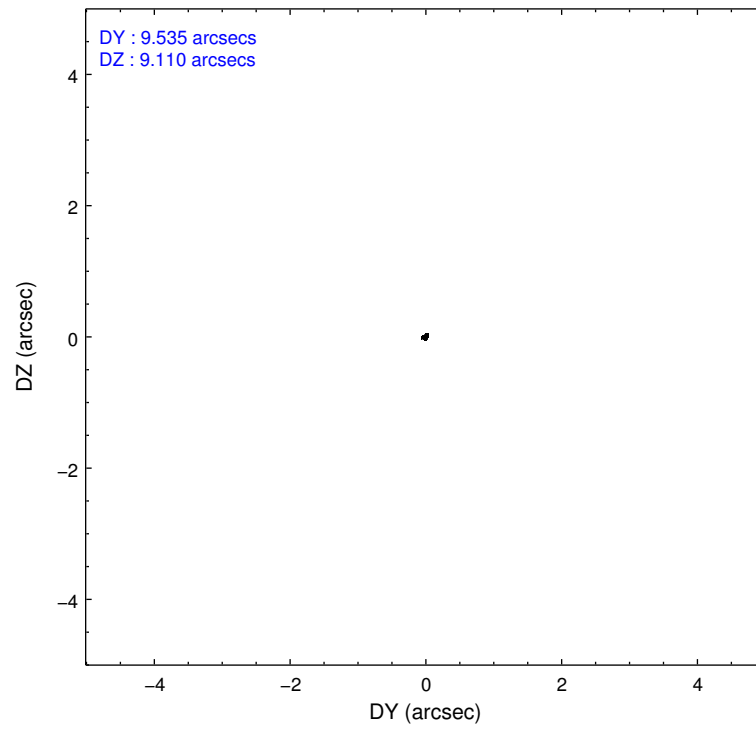
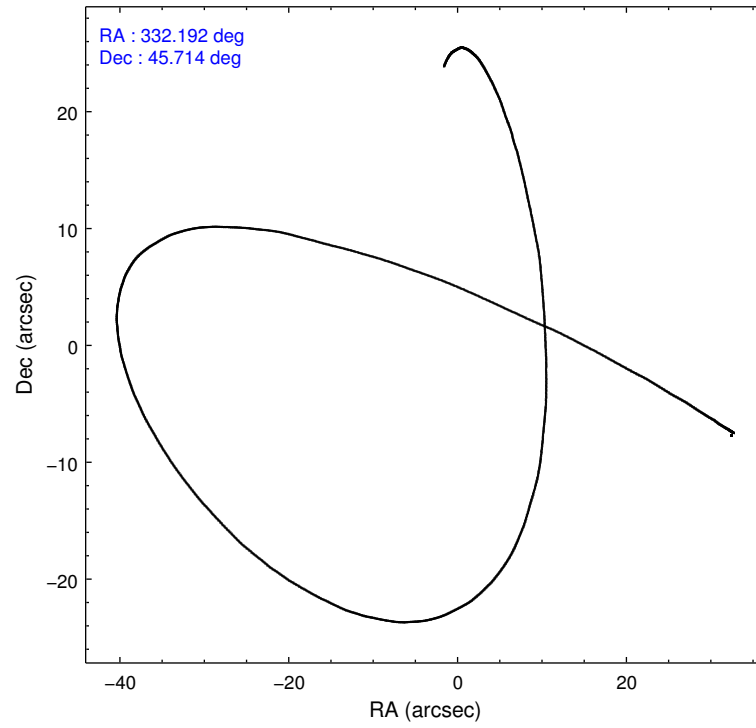
	segment 0
level 1 events	116930
rejected events	25763
rejected %	22%

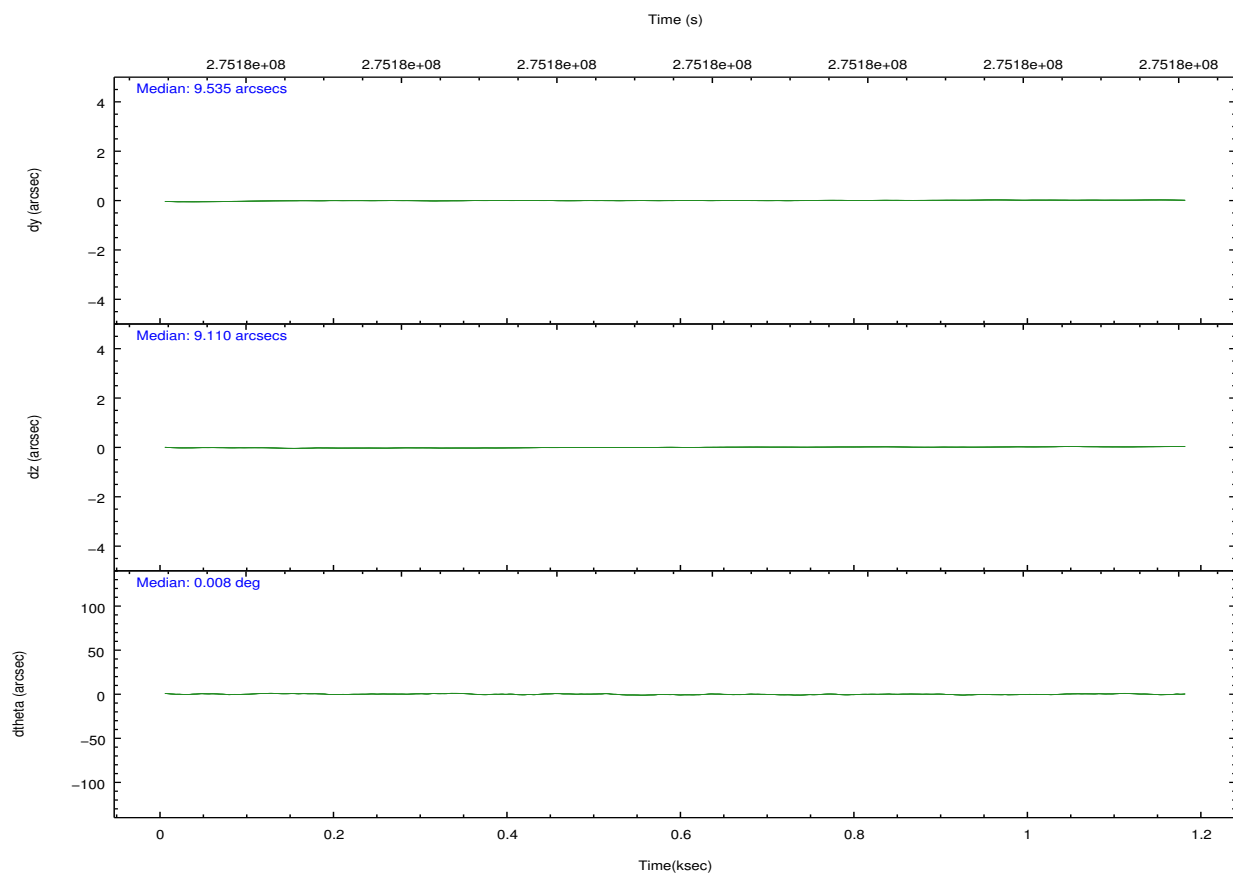
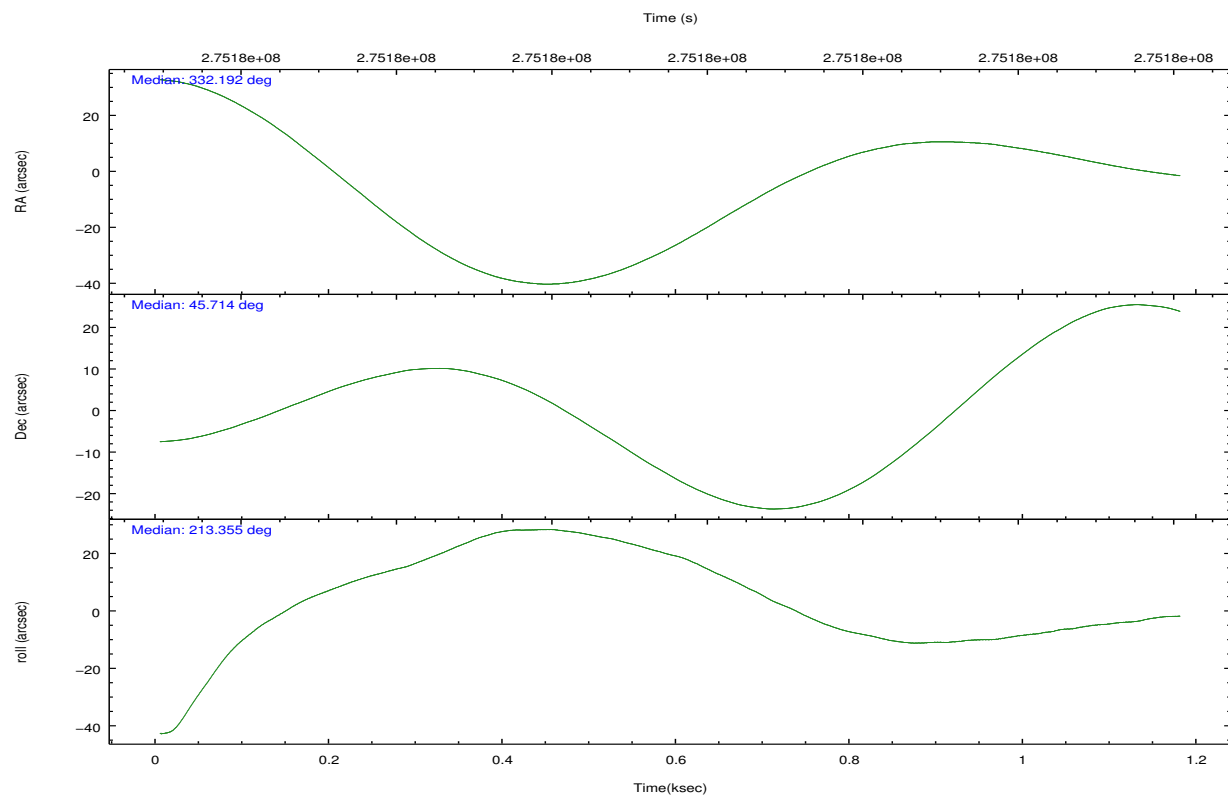
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.207068	332.1908079613571
[deg] Pointing Dec	45.738224	45.71407405668071
[deg] Pointing Roll	213.437616	213.3537267651453
[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)	275176342.184000	275175965.70113
Observation start date	2006-09-20T21:51:17	2006-09-20T21:46:05
[s] Observation end time (MET)	275177342.184000	275177475.5262
Observation end date	2006-09-20T22:07:57	2006-09-20T22:11:15

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

2.3 Aspect



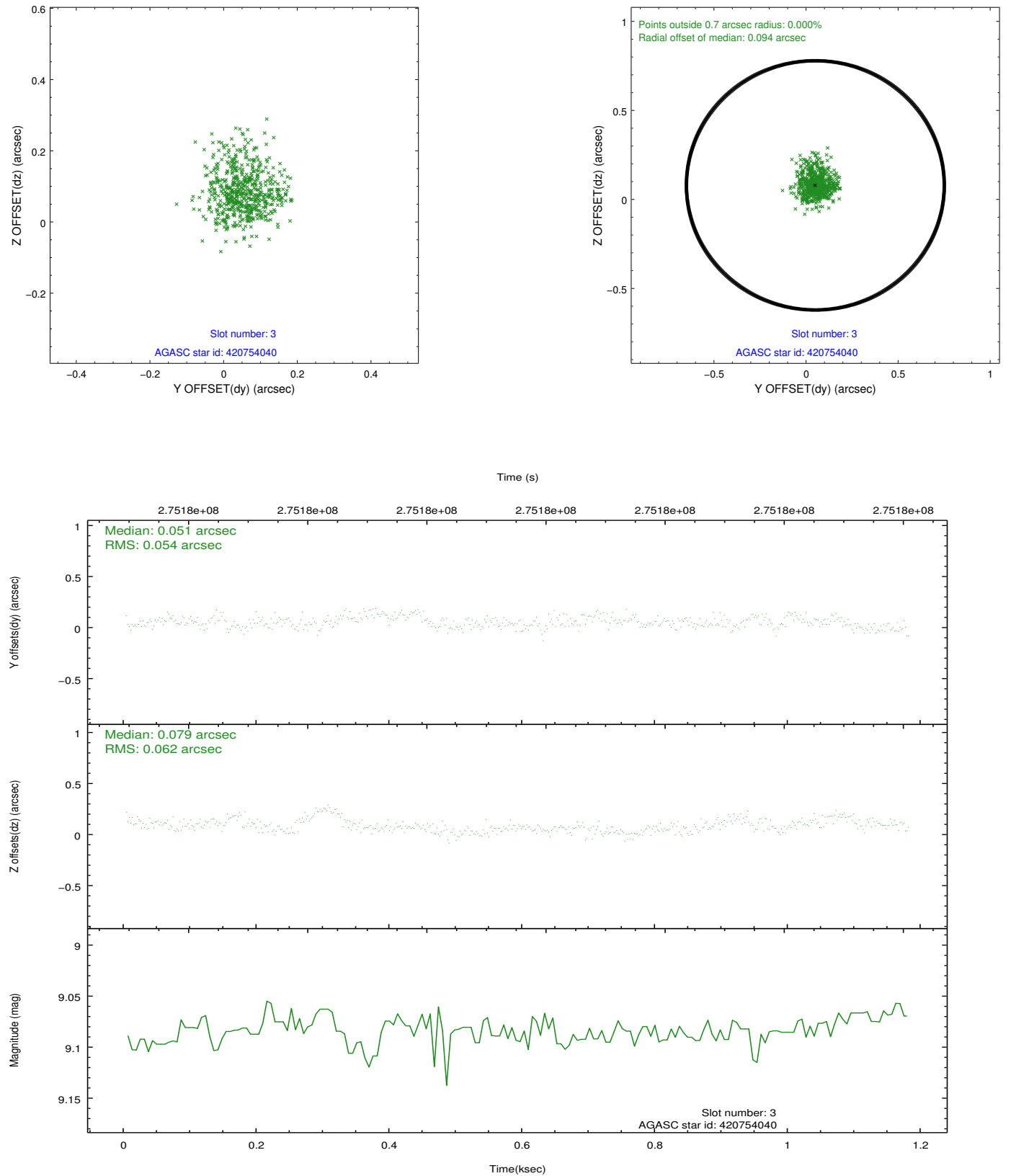


Slot Statistics

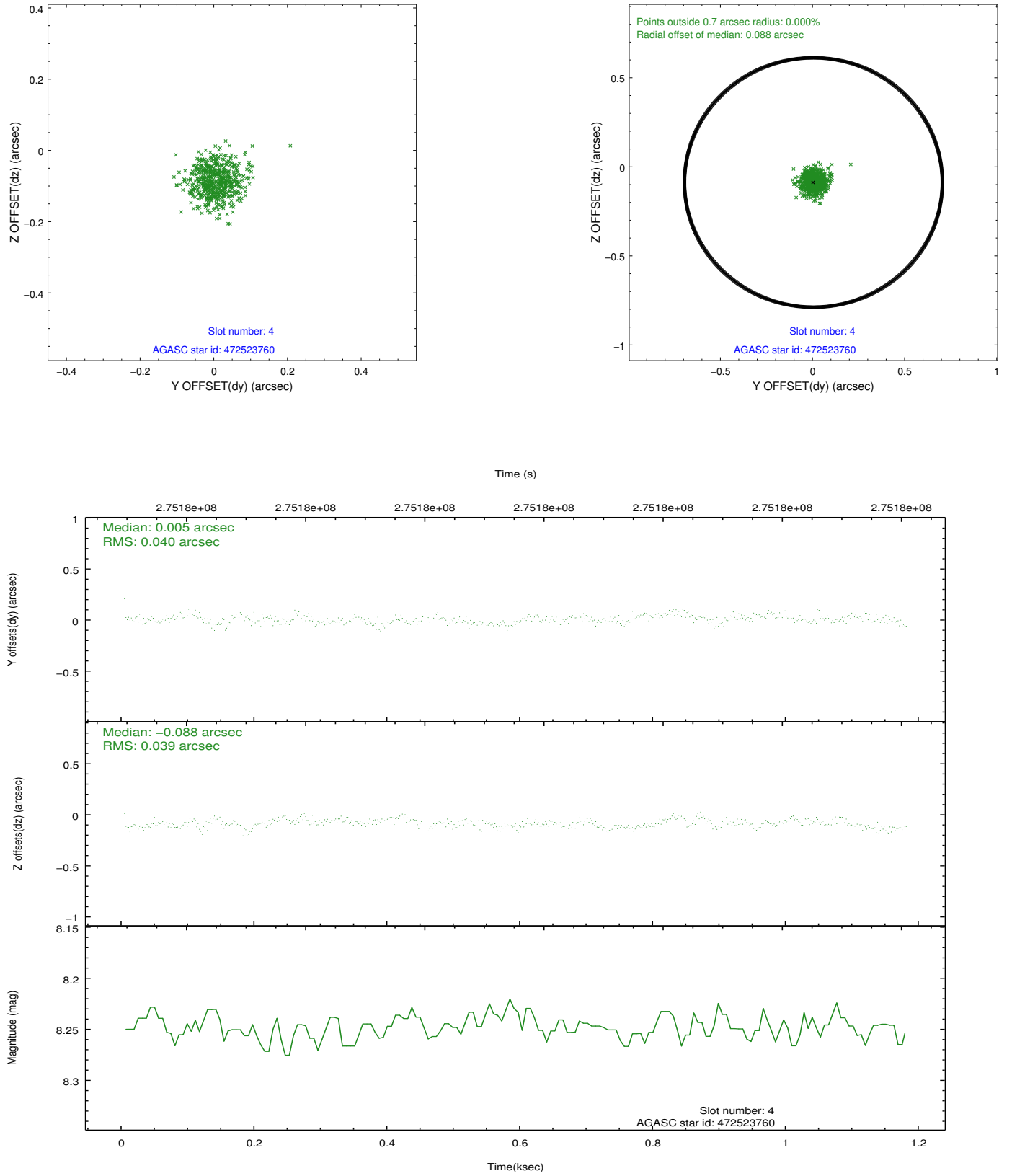
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	287	-0.017	0.055	0.006	0.010	0.000000	0.000000	-765.20	-1296.97
1	FID	HRC-I-2	7.01	287	0.141	-0.099	0.006	0.009	0.000000	0.000000	844.92	-1303.20
2	FID	HRC-I-3	7.06	288	-0.005	-0.046	0.005	0.010	0.000000	0.000000	-1190.75	1002.97
3	GUIDE	420754040	9.08	575	0.051	0.079	0.089	0.139	331.917939	44.882543	2313.22	2164.12
4	GUIDE	472523760	8.25	572	0.005	-0.088	0.060	0.096	331.645363	45.403260	1852.36	224.08
5	GUIDE	472655152	9.43	573	0.062	-0.130	0.106	0.181	332.504239	45.862991	-865.10	35.62
6	GUIDE	472665256	9.01	575	0.156	0.135	0.076	0.127	332.808125	46.195041	-2158.95	-550.72
7	GUIDE	472525528	6.65	574	-0.284	0.011	0.071	0.116	331.551102	45.248694	2352.30	548.52

2.4 Star Slots

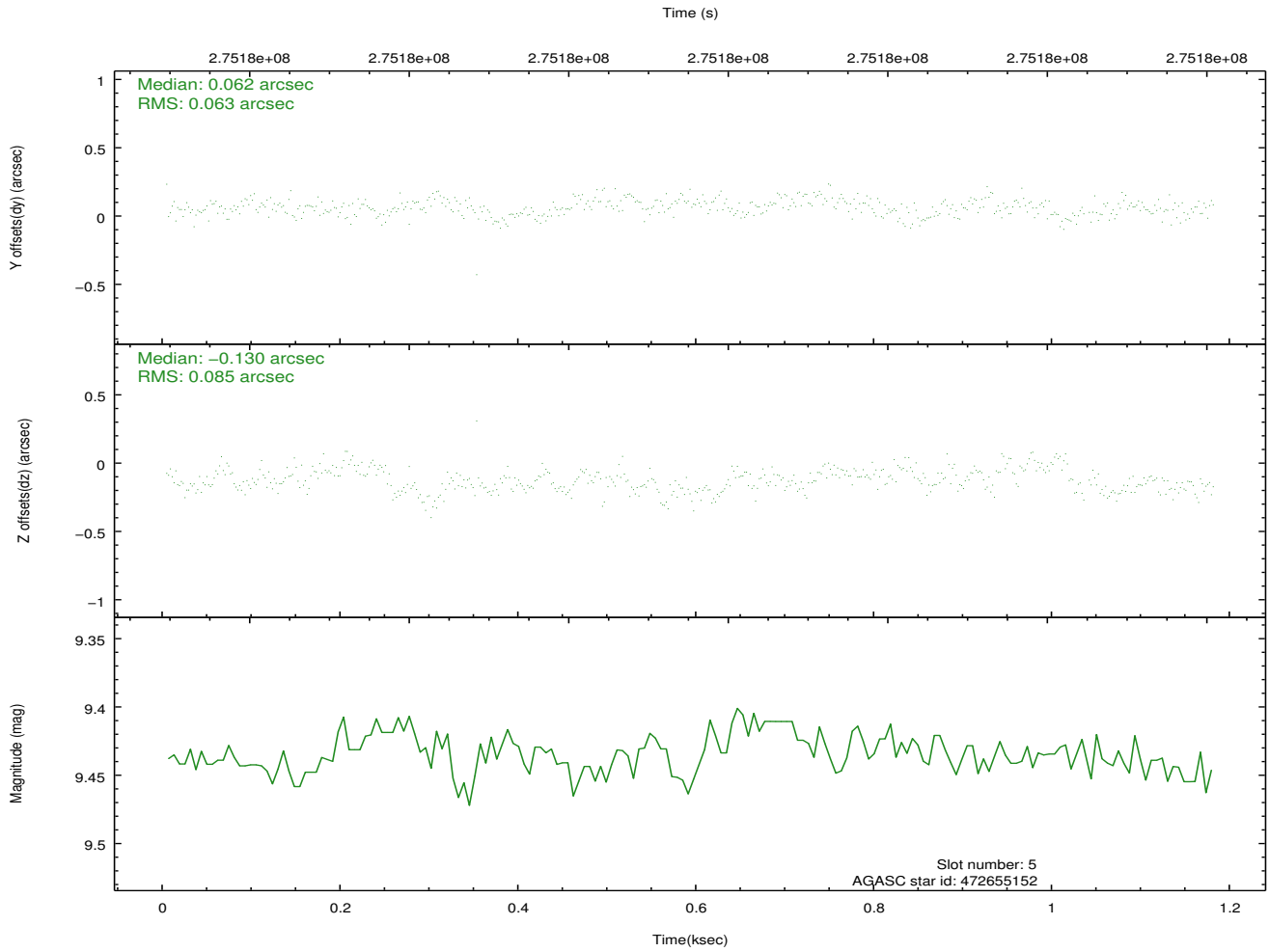
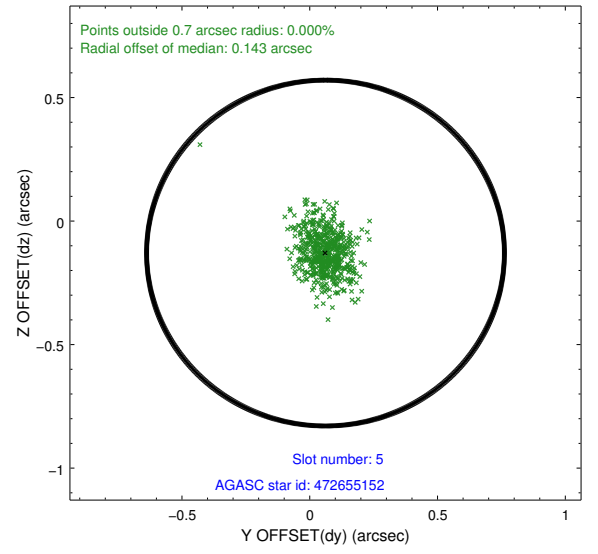
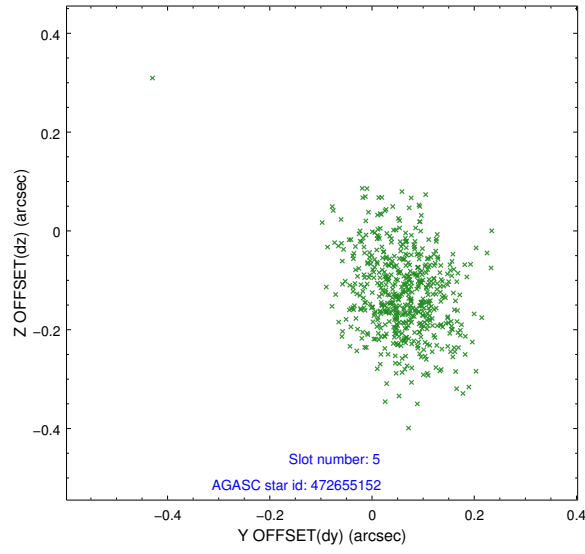
2.4.1 Slot 3



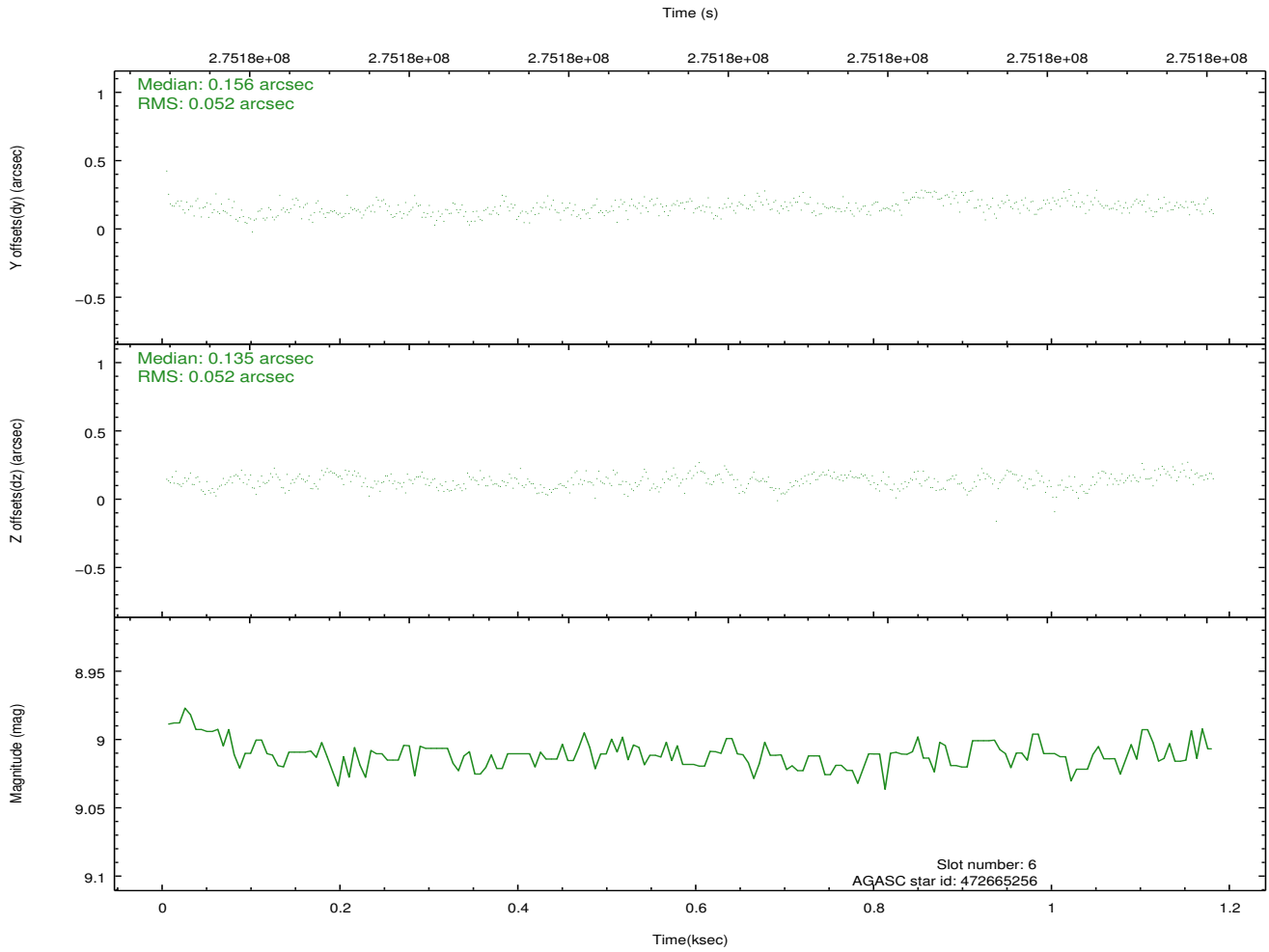
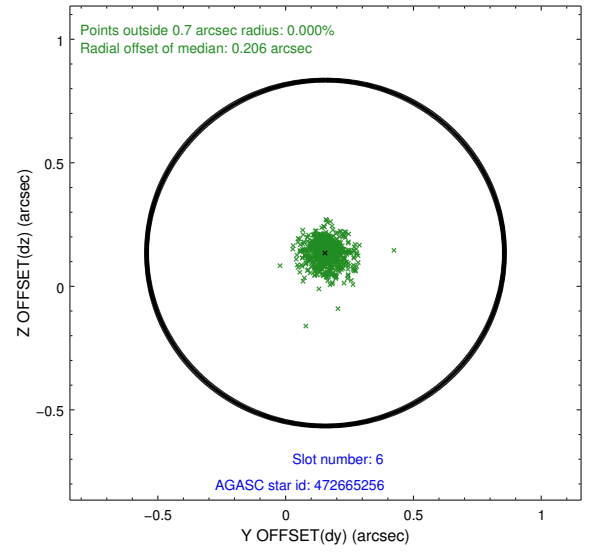
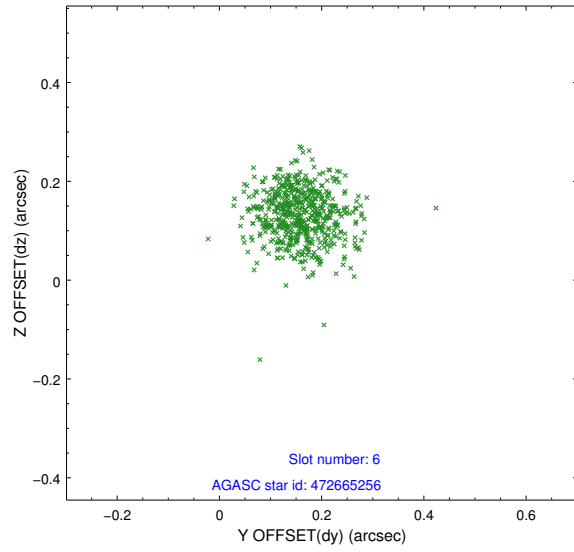
2.4.2 Slot 4



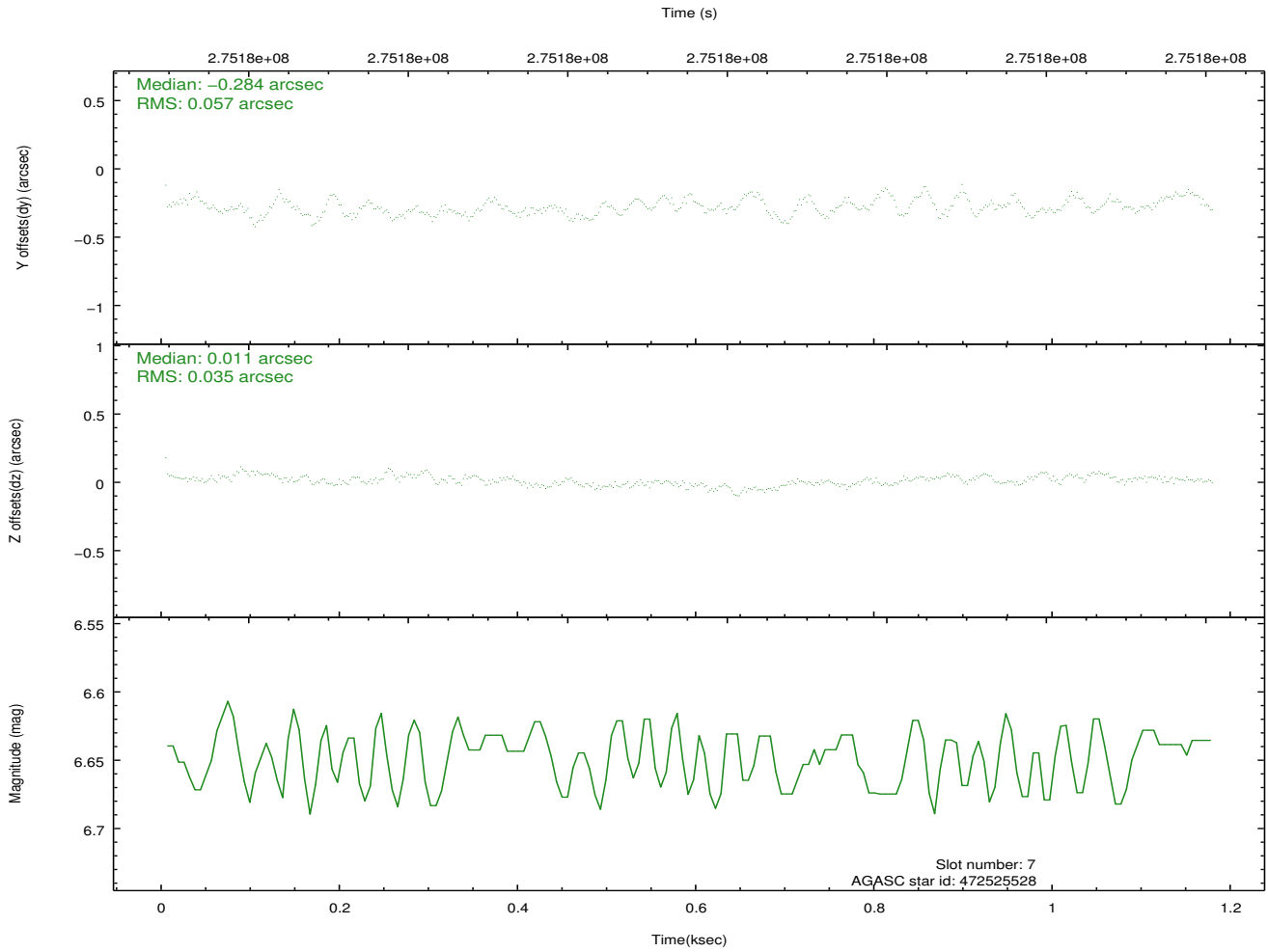
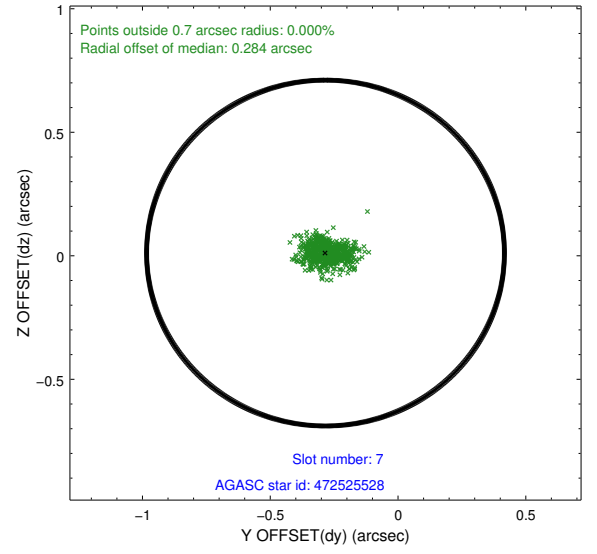
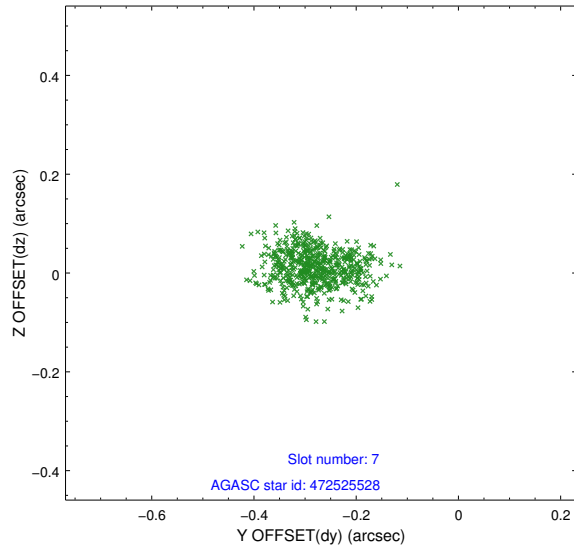
2.4.3 Slot 5



2.4.4 Slot 6

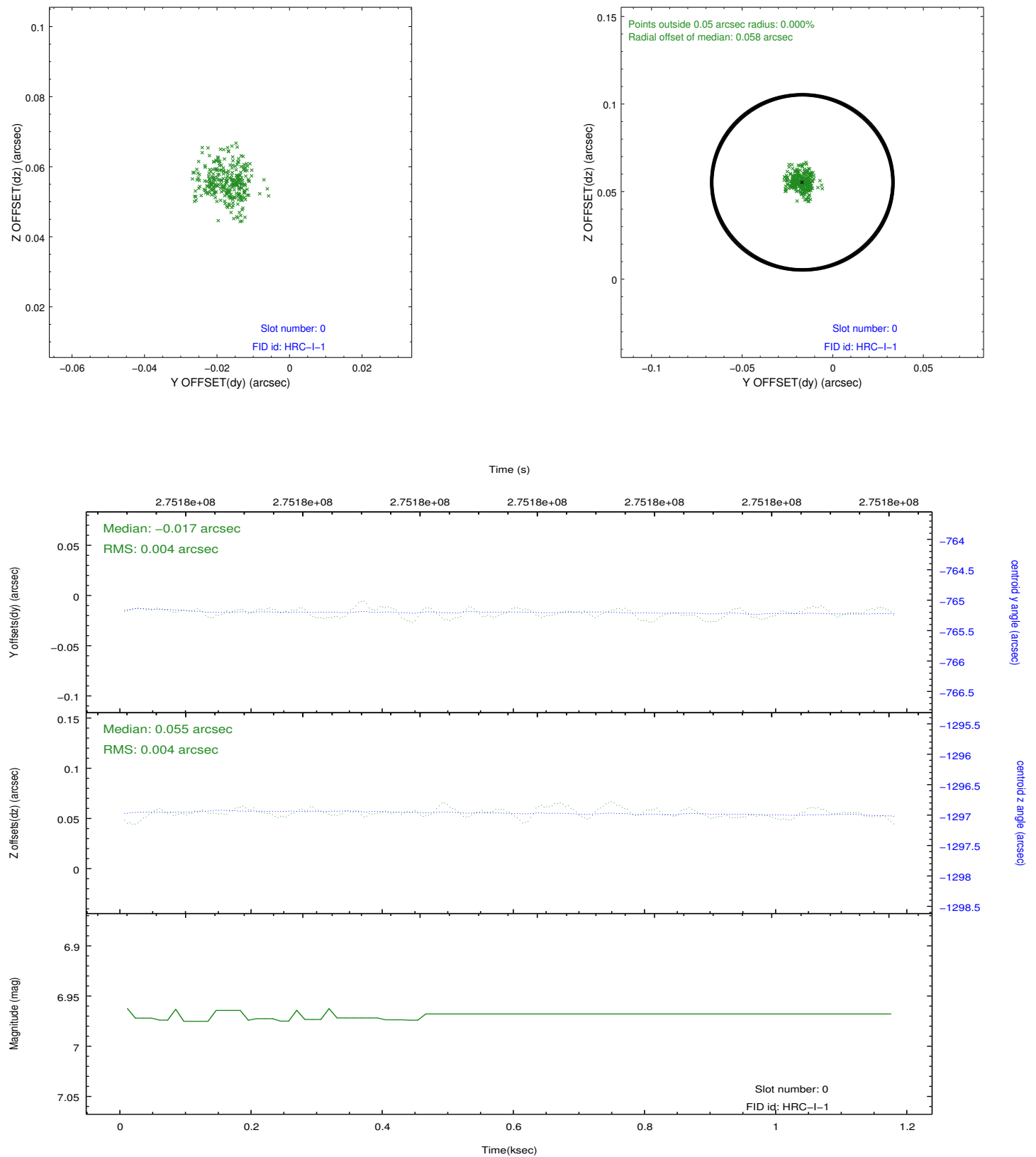


2.4.5 Slot 7

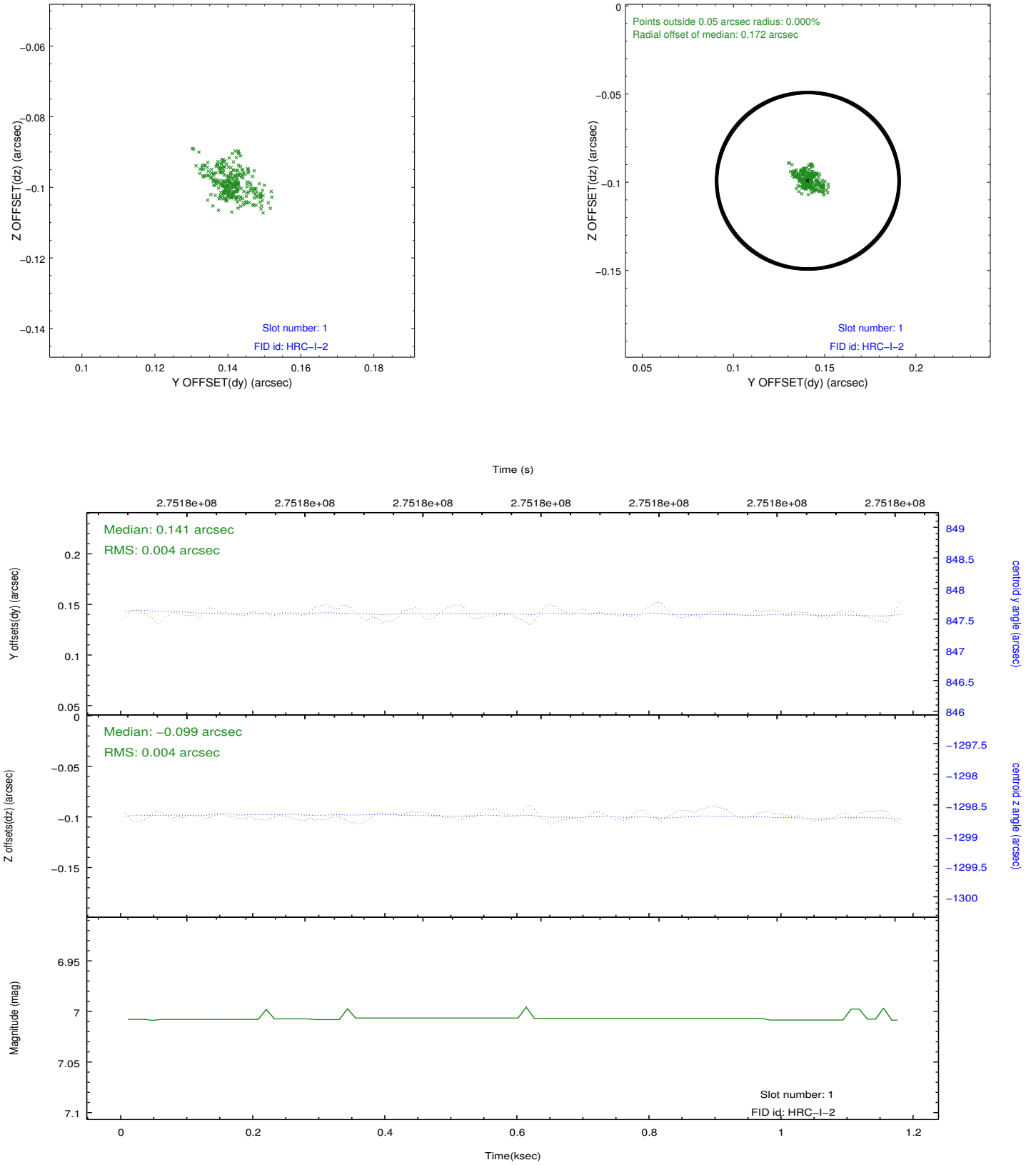


2.5 FID Slots

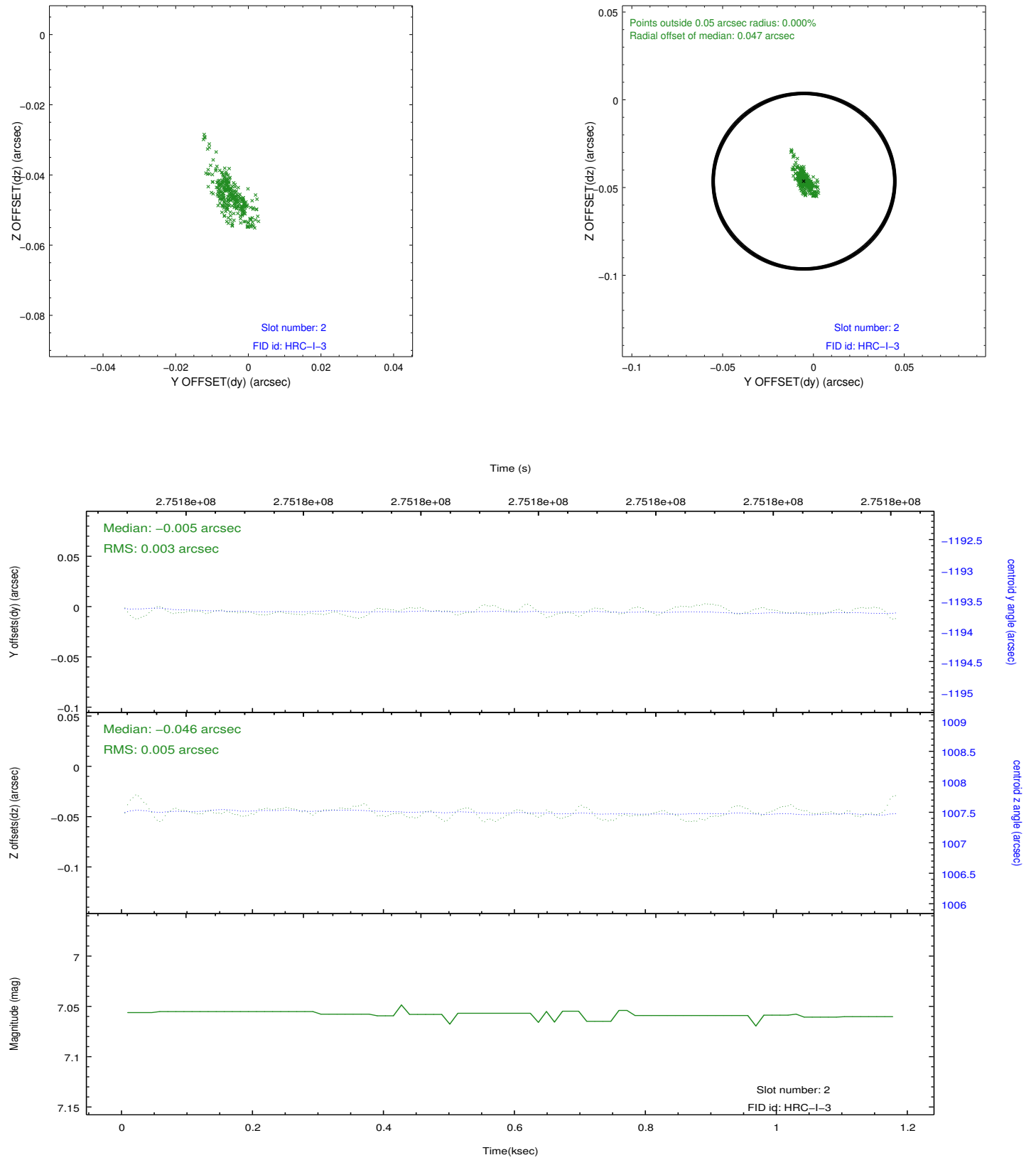
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1759313

A.2 Comments