

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6031 - L2 Version 3
Chandra X-Ray Center

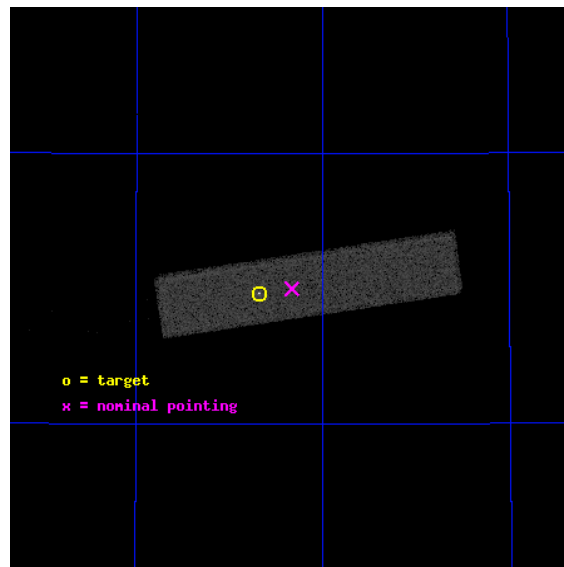
L2 Processing Date : Dec 18 2012

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1 Front

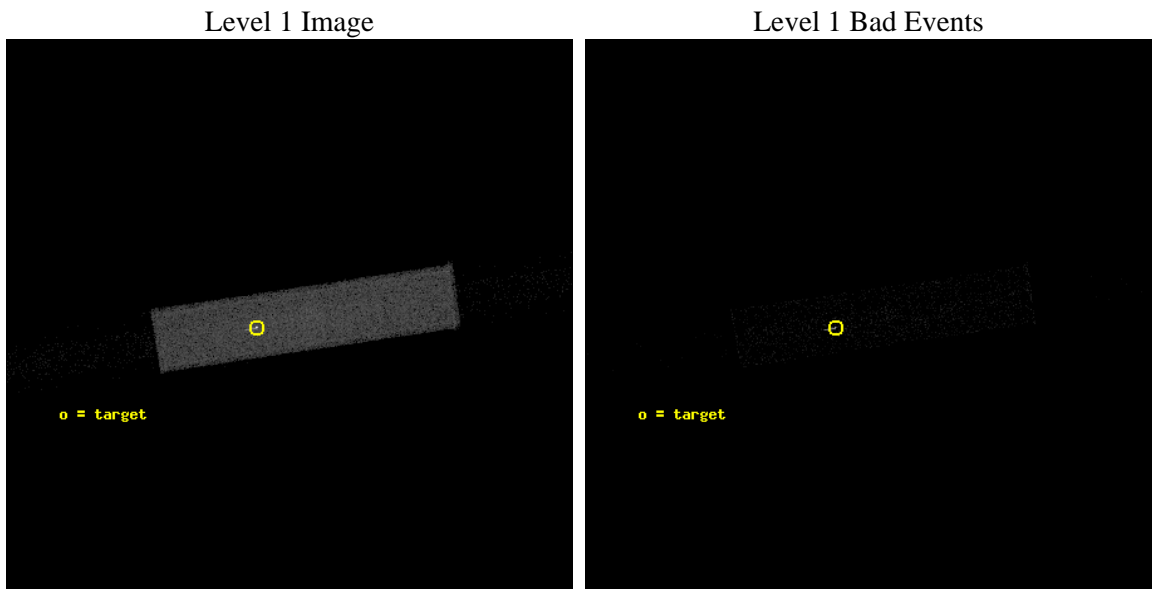
seq_num	290523	Sequence number
obs_id	6031	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08236744616	Nominal RA [deg]
dec_nom	45.750610835929	Nominal Dec [deg]
roll_nom	351.42400716459	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.1250521839	[s]
livetime	1146.2530264968	Ontime multiplied by DTCOR
l2events	48022	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	8.5.1	Processing system revision	ontime	1153.1250521839	[s]
caldsver	4.5.5	 	l1events	77972	Number of level 1 events
date	2012-12-17T04:23:39	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

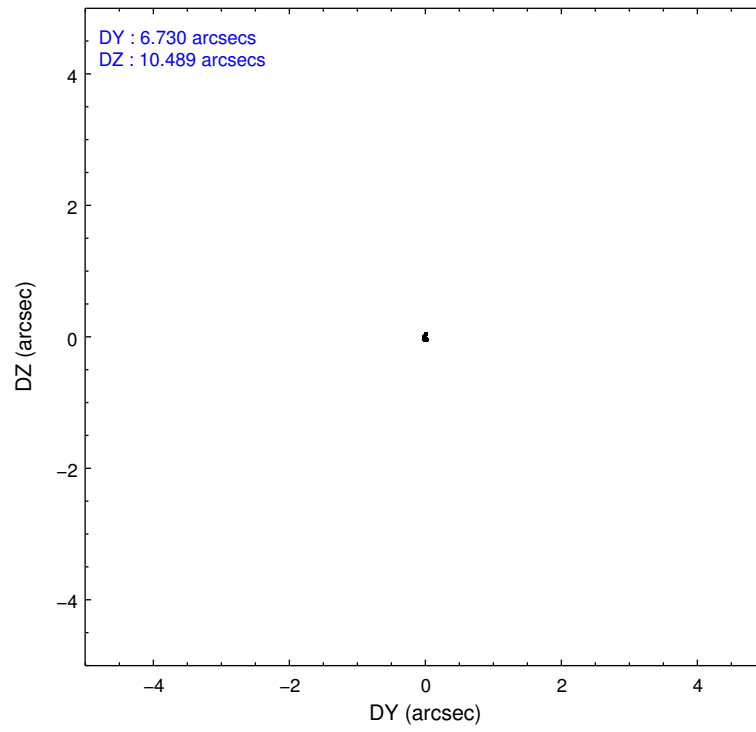
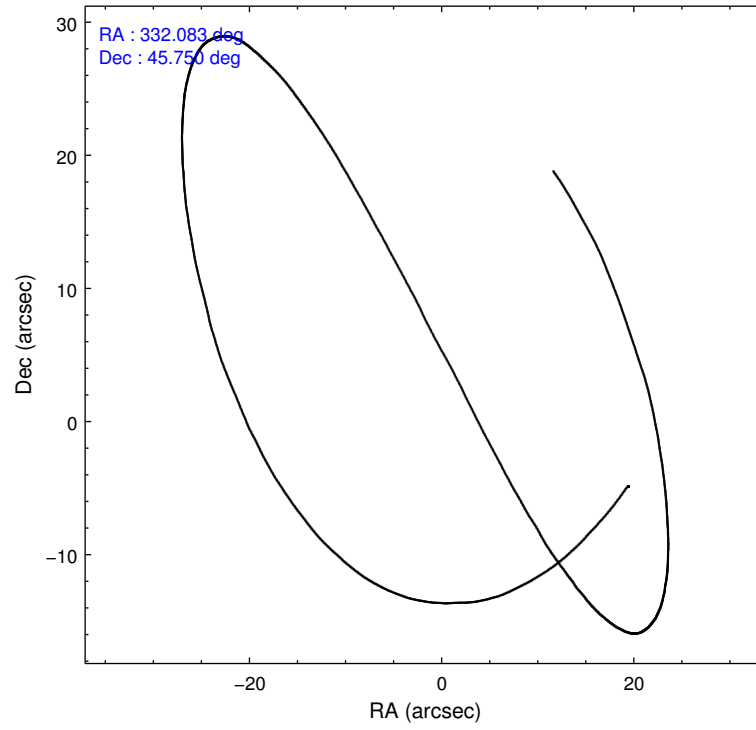
Level 1 Events

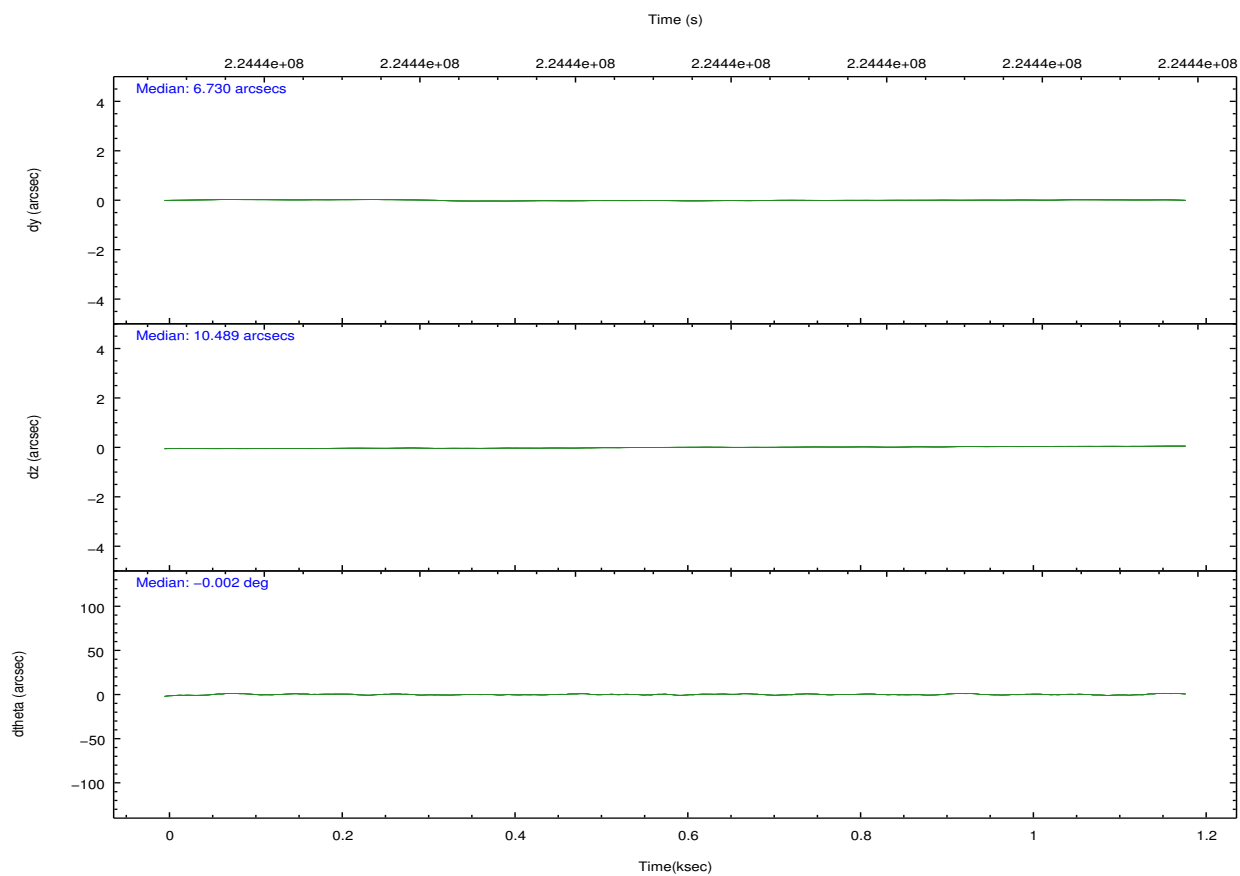
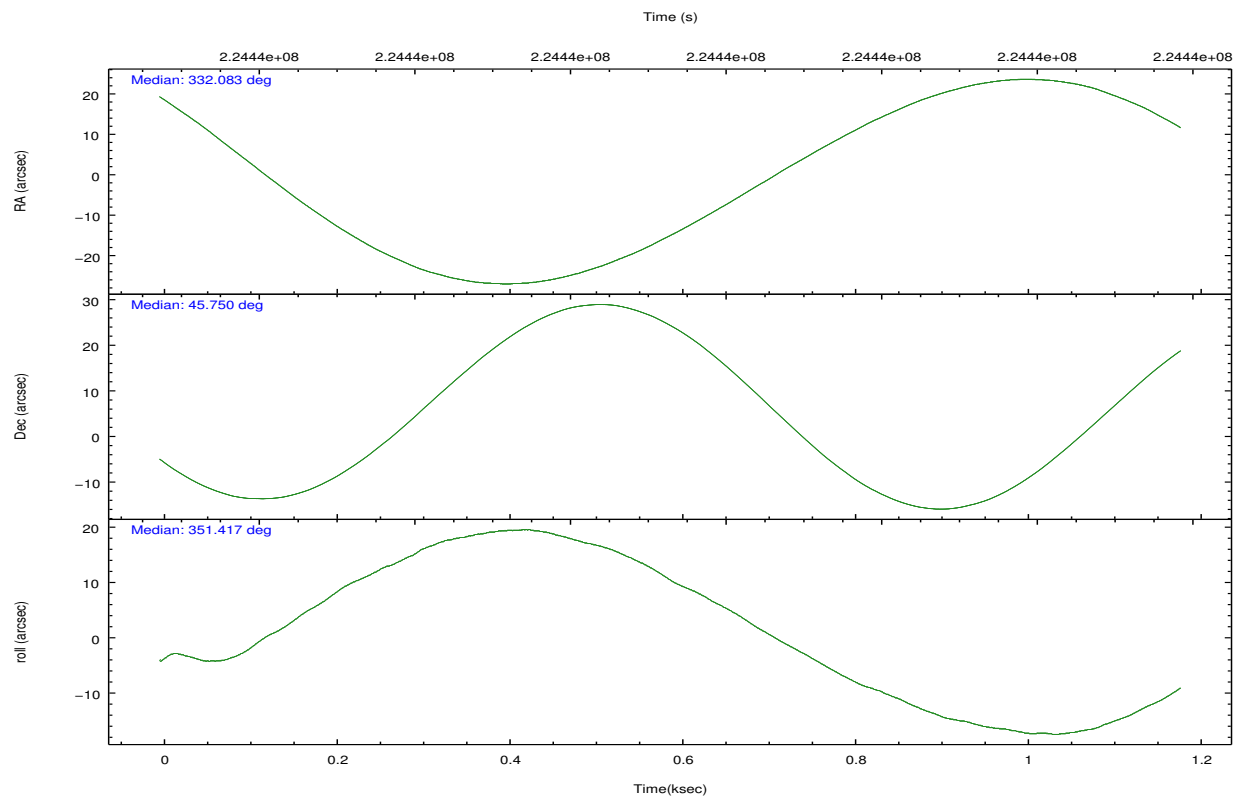
	segment 1	segment 2	segment 3
level 1 events	626	76706	640
rejected events	626	17637	626
rejected %	100%	22%	97%

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	332.044797	332.082367446159			
[deg] Pointing Dec	45.739772	45.75061083592853			
[deg] Pointing Roll	351.383541	351.4240071645896			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	224437313.184000	224436937.13305			
Observation start date	2005-02-10T15:40:49	2005-02-10T15:35:37			
[s] Observation end time (MET)	224438313.184000	224438446.95812			
Observation end date	2005-02-10T15:57:29	2005-02-10T16:00:46			

2.3 Aspect



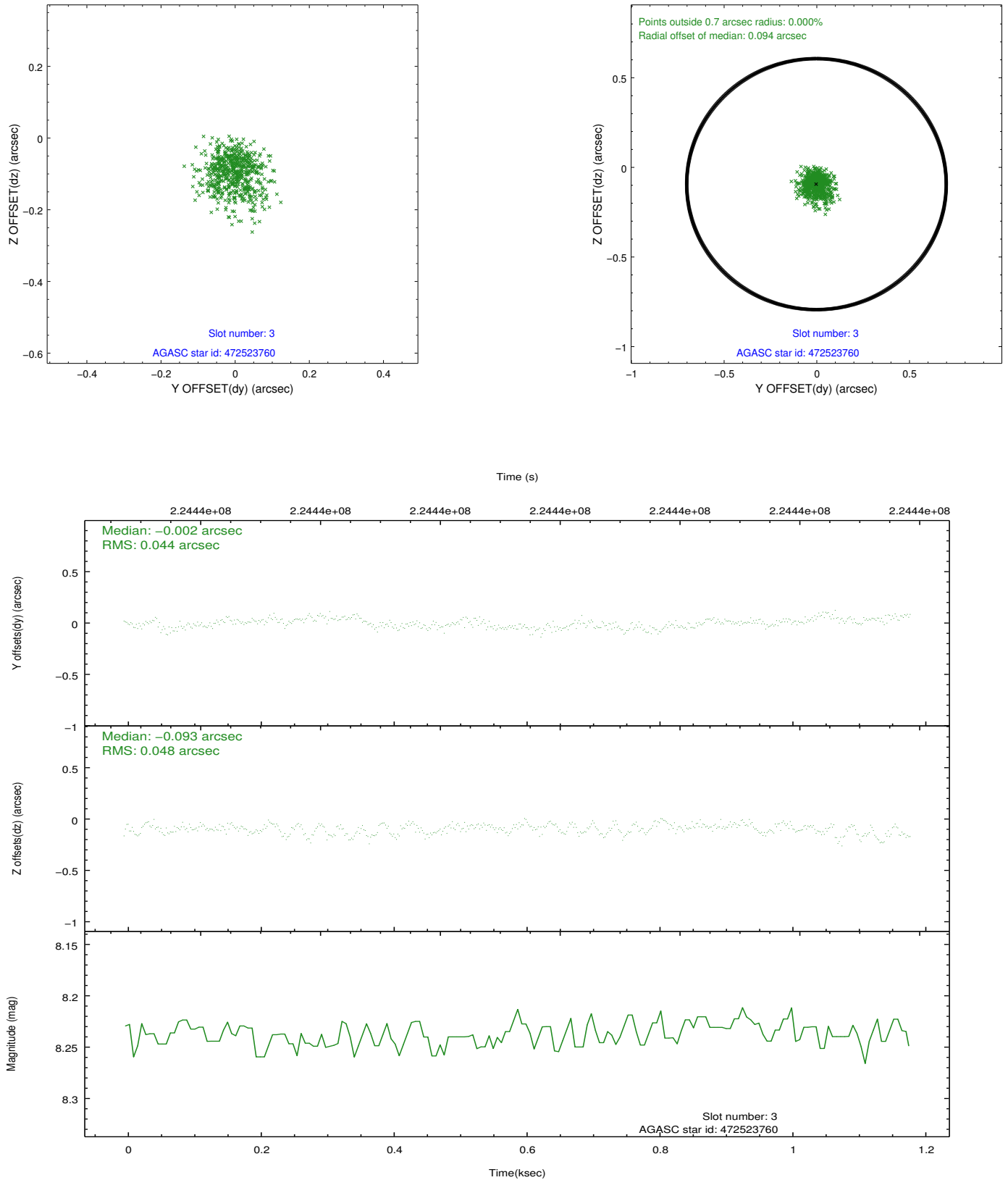


Slot Statistics

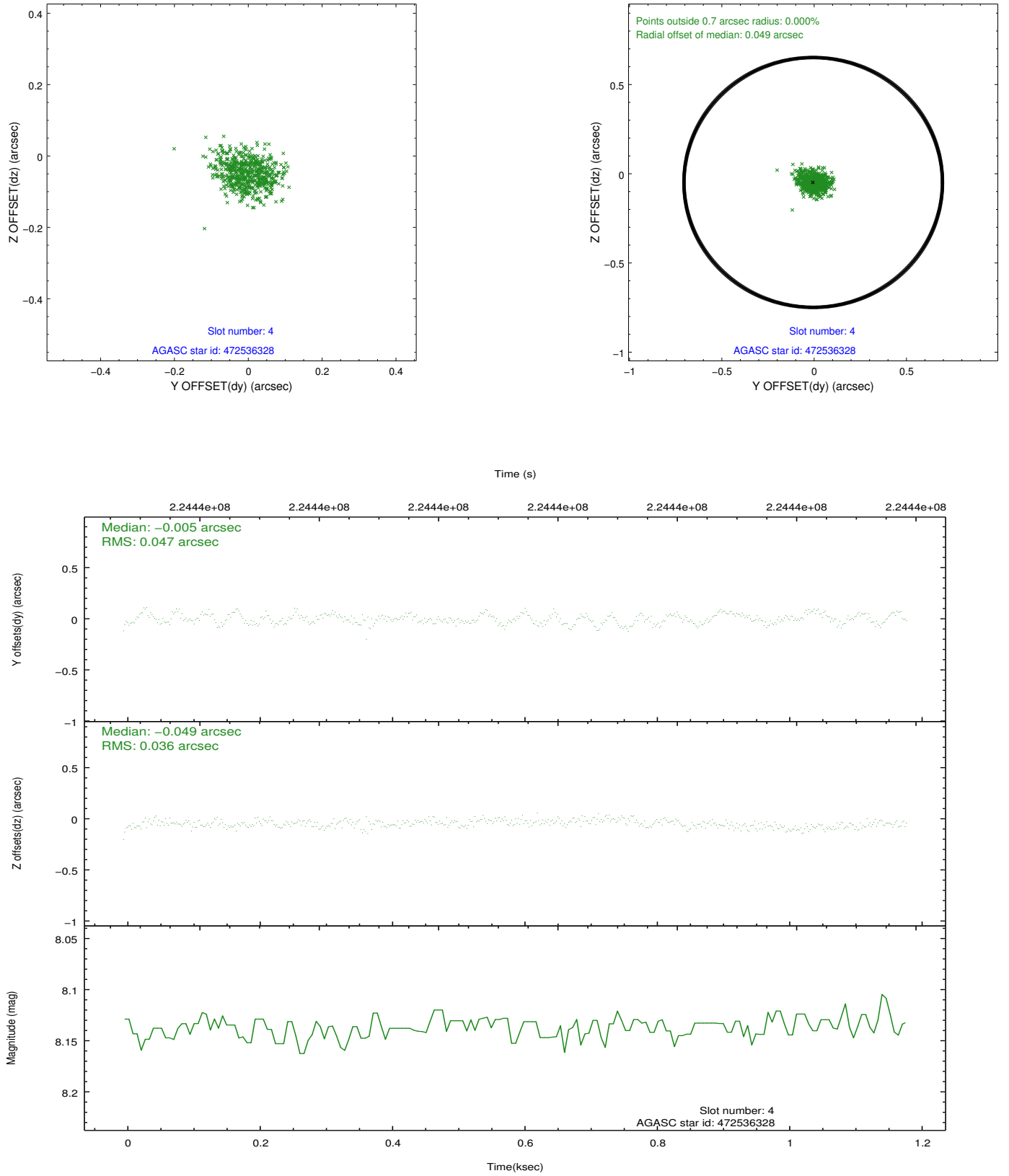
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	289	0.113	-0.188	0.008	0.012	0.000000	0.000000	-1160.89	-459.19
1	FID	HRC-S-2	7.02	289	0.183	-0.116	0.005	0.008	0.000000	0.000000	1234.84	-453.38
2	FID	HRC-S-3	7.04	289	0.094	0.002	0.008	0.012	0.000000	0.000000	-1159.34	568.96
3	GUIDE	472523760	8.24	578	-0.002	-0.093	0.069	0.115	331.645363	45.403260	-817.93	-1343.24
4	GUIDE	472536328	8.14	578	-0.005	-0.049	0.063	0.099	331.496671	46.454831	-1733.20	2347.13
5	GUIDE	472665256	9.01	577	-0.010	0.042	0.082	0.134	332.808125	46.195041	1629.66	1922.35
6	GUIDE	472537064	8.95	578	0.015	0.129	0.090	0.149	331.323423	46.483499	-2168.85	2394.12
7	GUIDE	472527720	6.99	577	0.009	-0.034	0.058	0.091	331.460205	45.112509	-1135.38	-2442.30

2.4 Star Slots

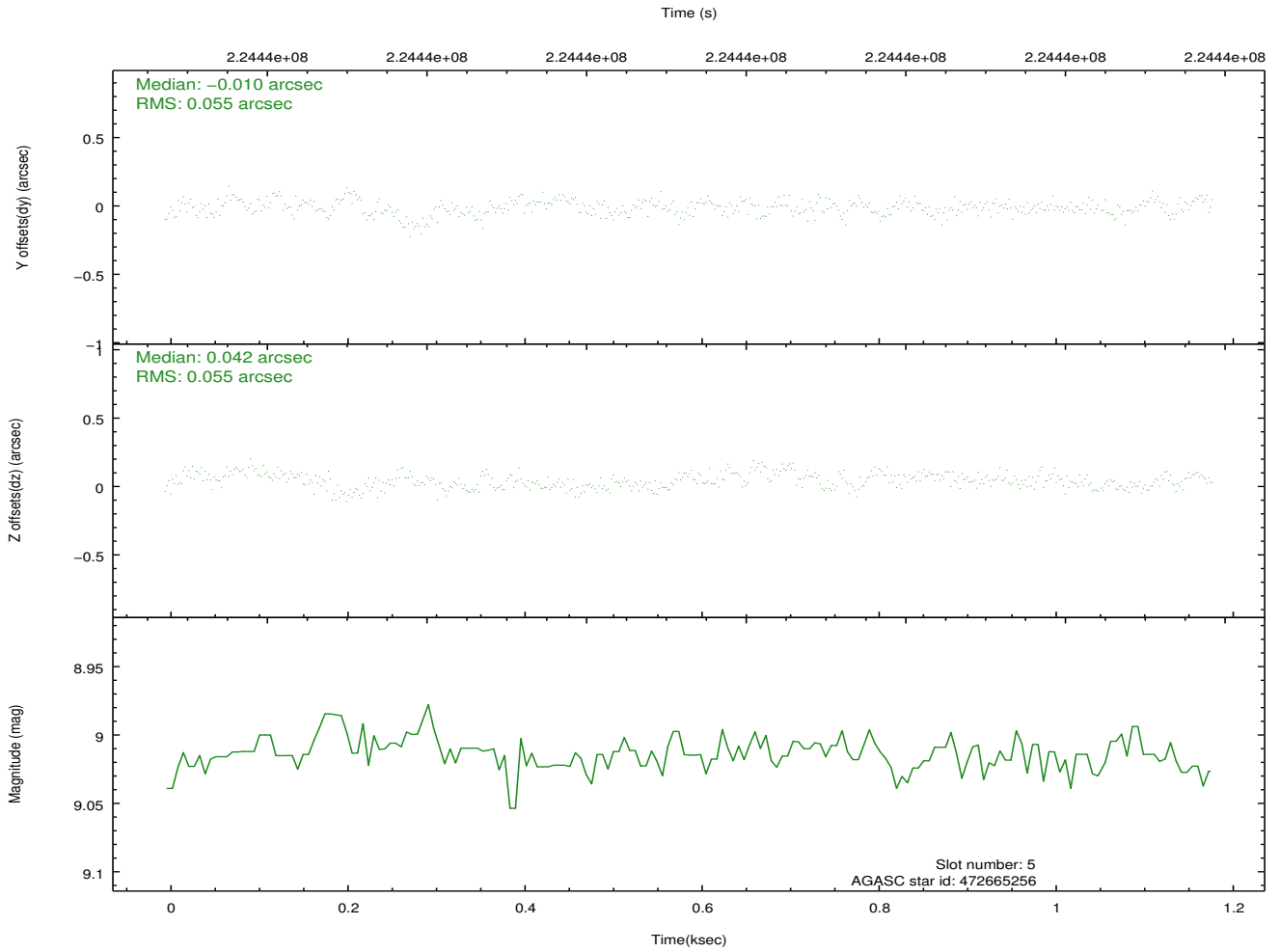
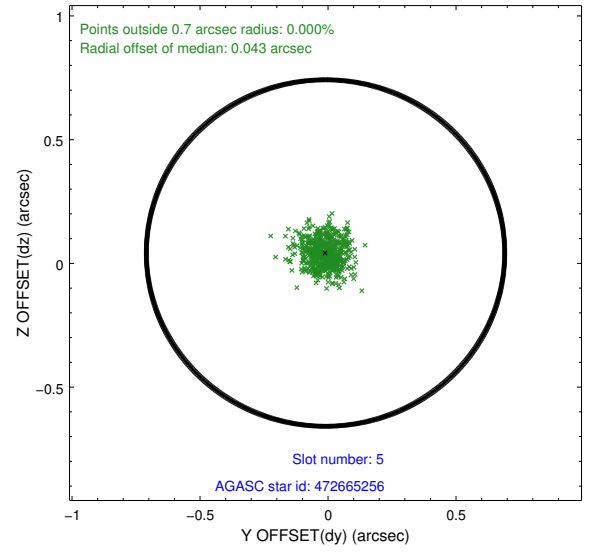
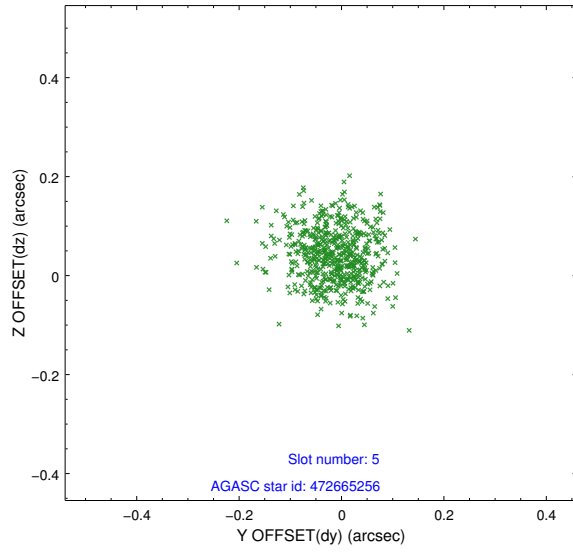
2.4.1 Slot 3



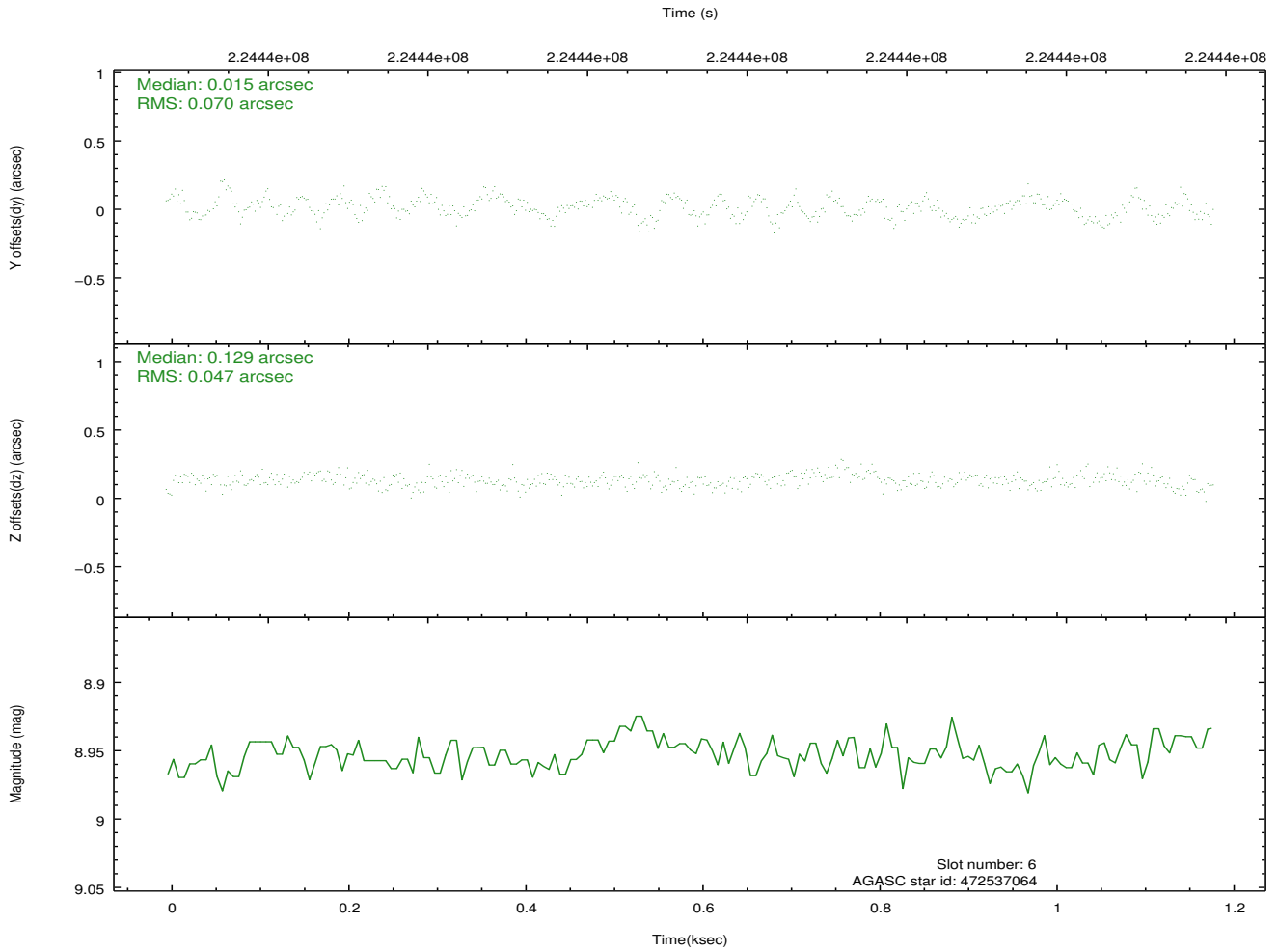
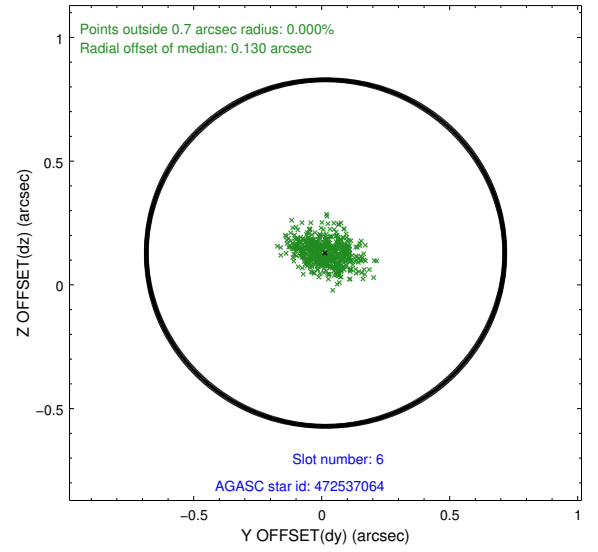
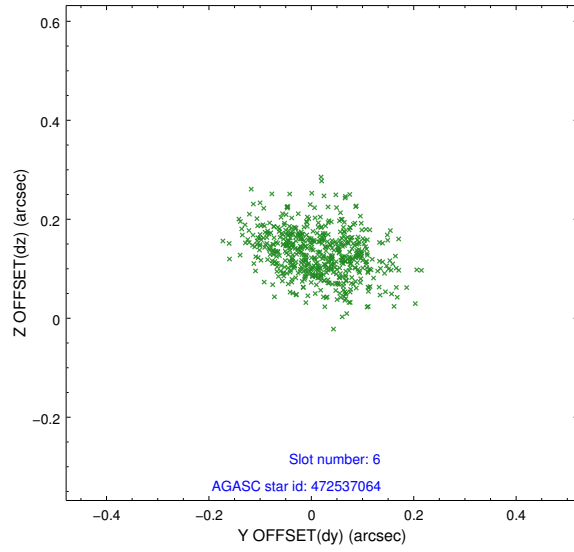
2.4.2 Slot 4



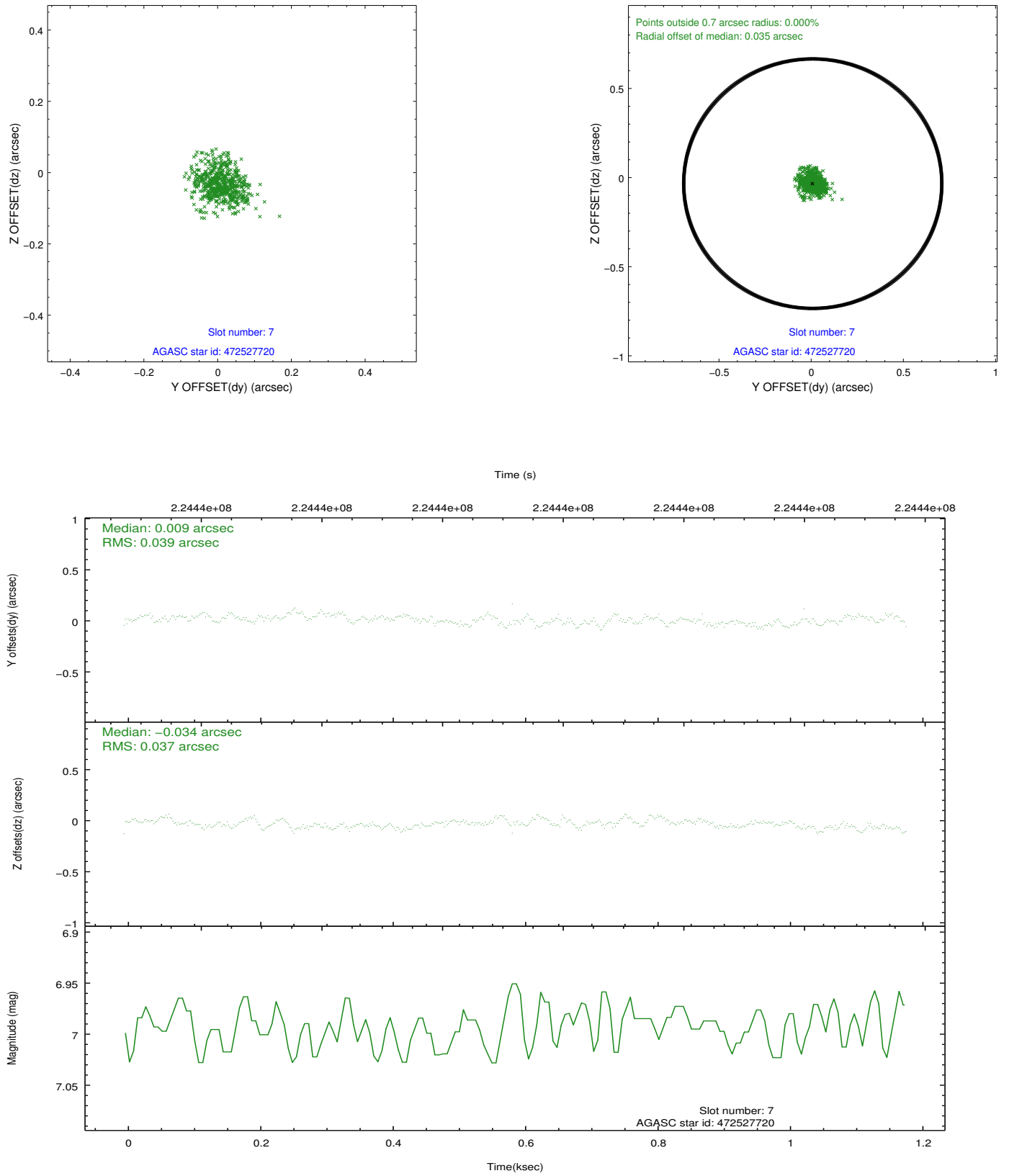
2.4.3 Slot 5



2.4.4 Slot 6

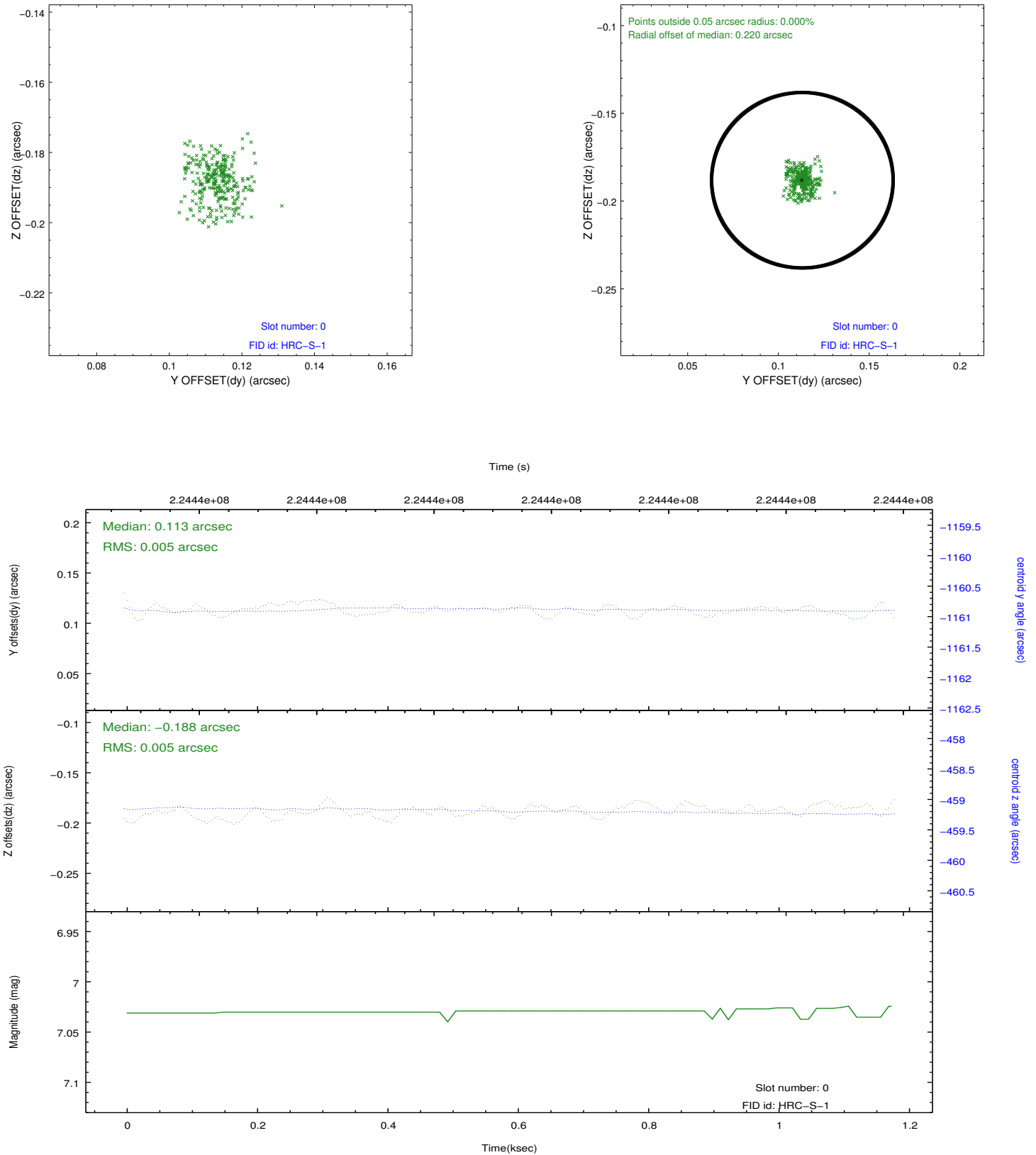


2.4.5 Slot 7

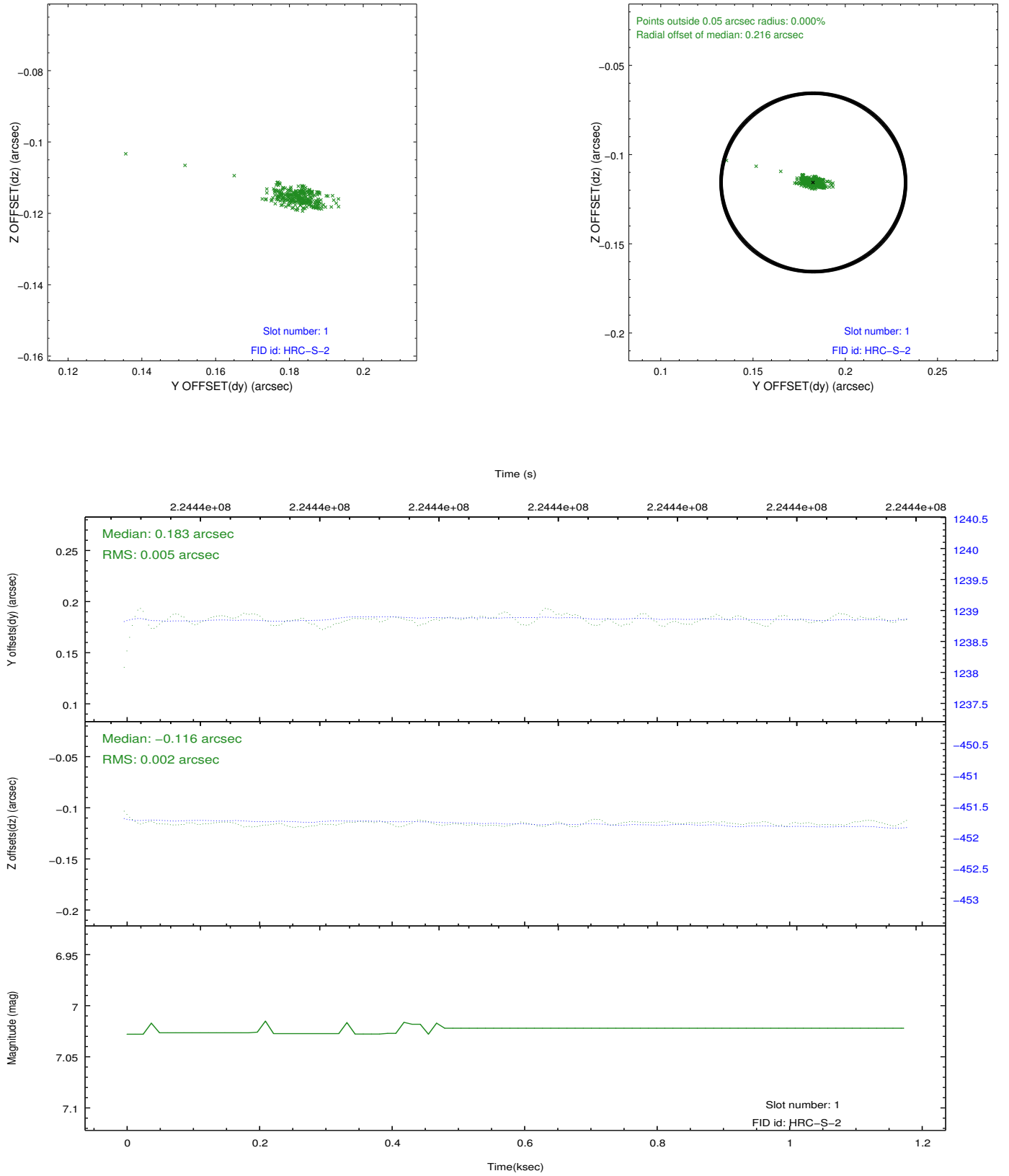


2.5 FID Slots

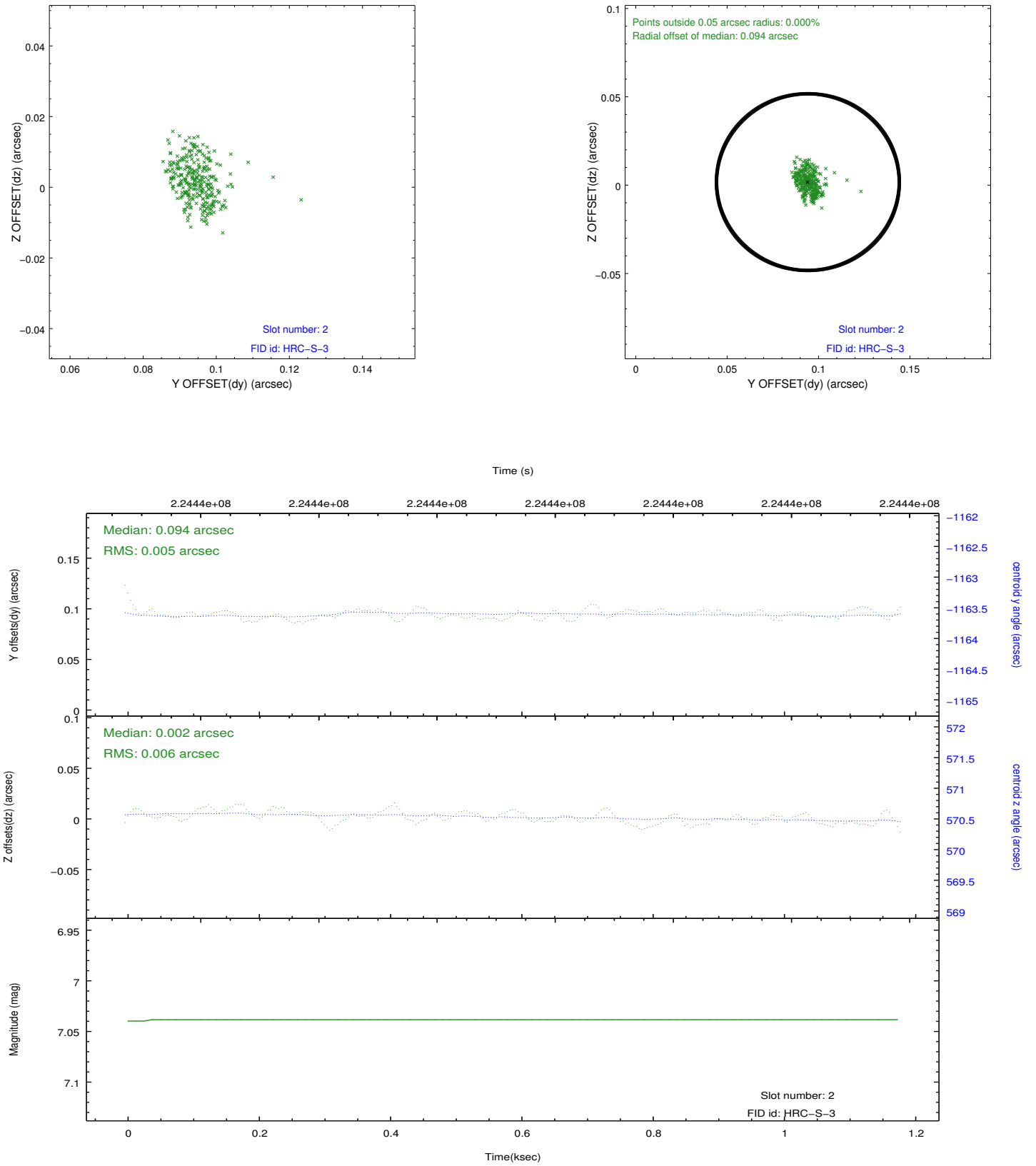
2.5.1 Slot 0



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)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.153381

A.2 Comments