

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6006 - L2 Version 3
Chandra X-Ray Center

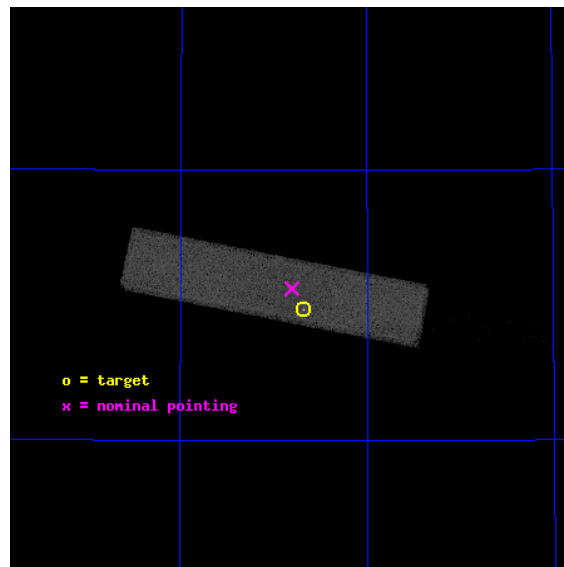
L2 Processing Date : Mar 18 2013

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1 Front

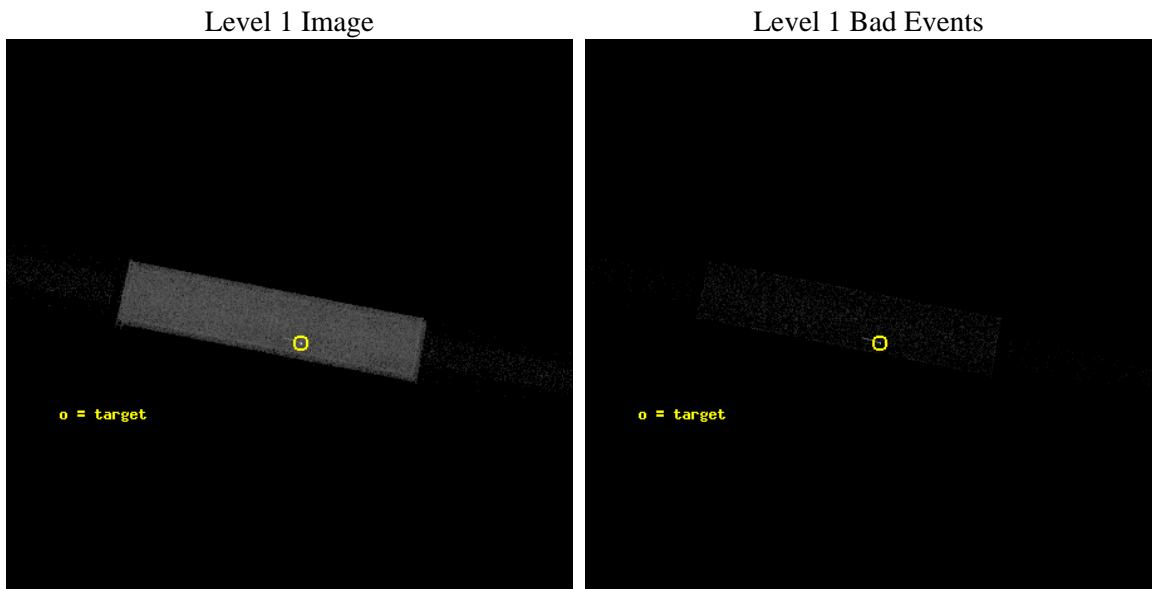
seq_num	290498	Sequence number
obs_id	6006	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20169356089	Nominal RA [deg]
dec_nom	45.780726157017	Nominal Dec [deg]
roll_nom	190.95018303645	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1159.5313032866	[s]
livetime	1149.529626273	Ontime multiplied by DTCOR
l2events	72834	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	8.5.1.1	Processing system revision	ontime	1159.5313032866	[s]
caldsver	4.5.5	 	l1events	120035	Number of level 1 events
date	2012-12-28T18:49:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

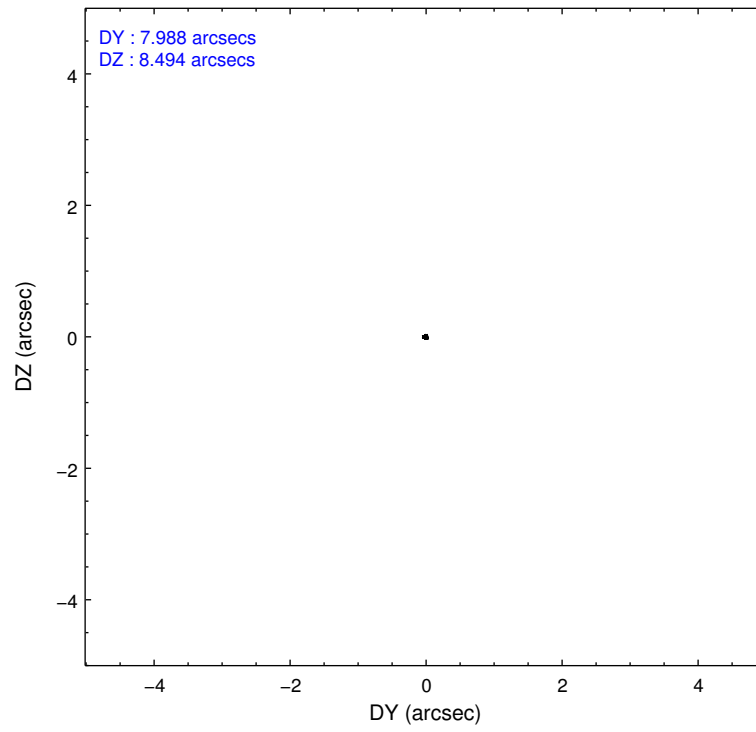
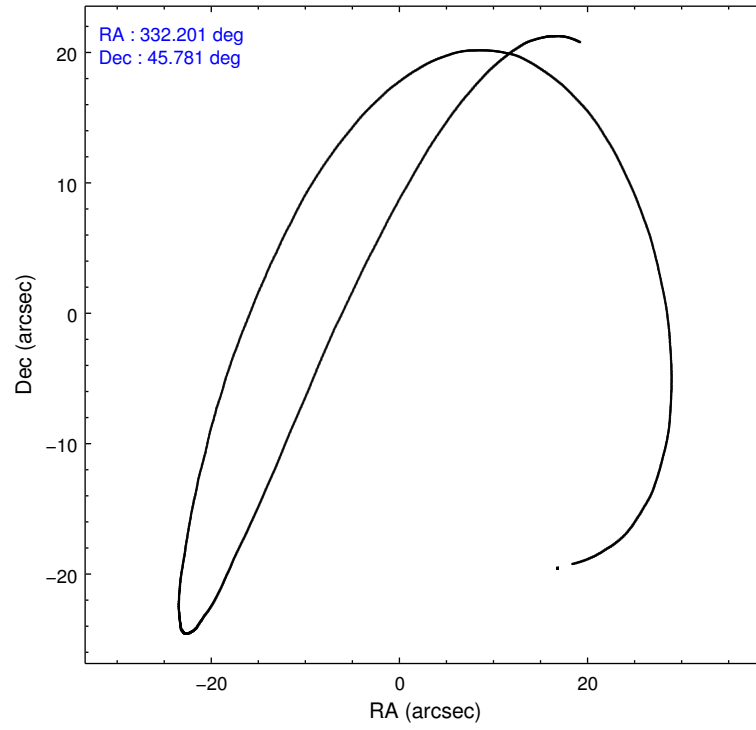
Level 1 Events

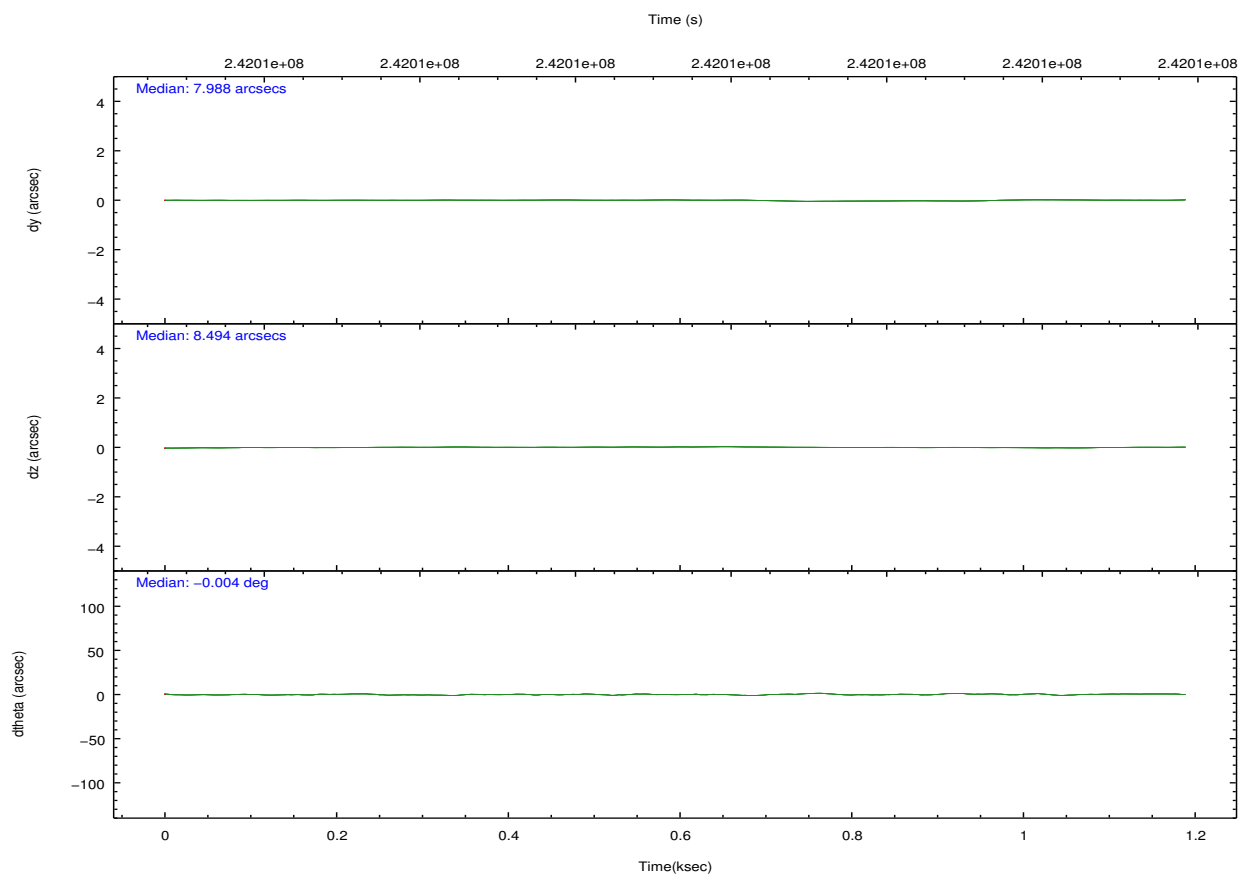
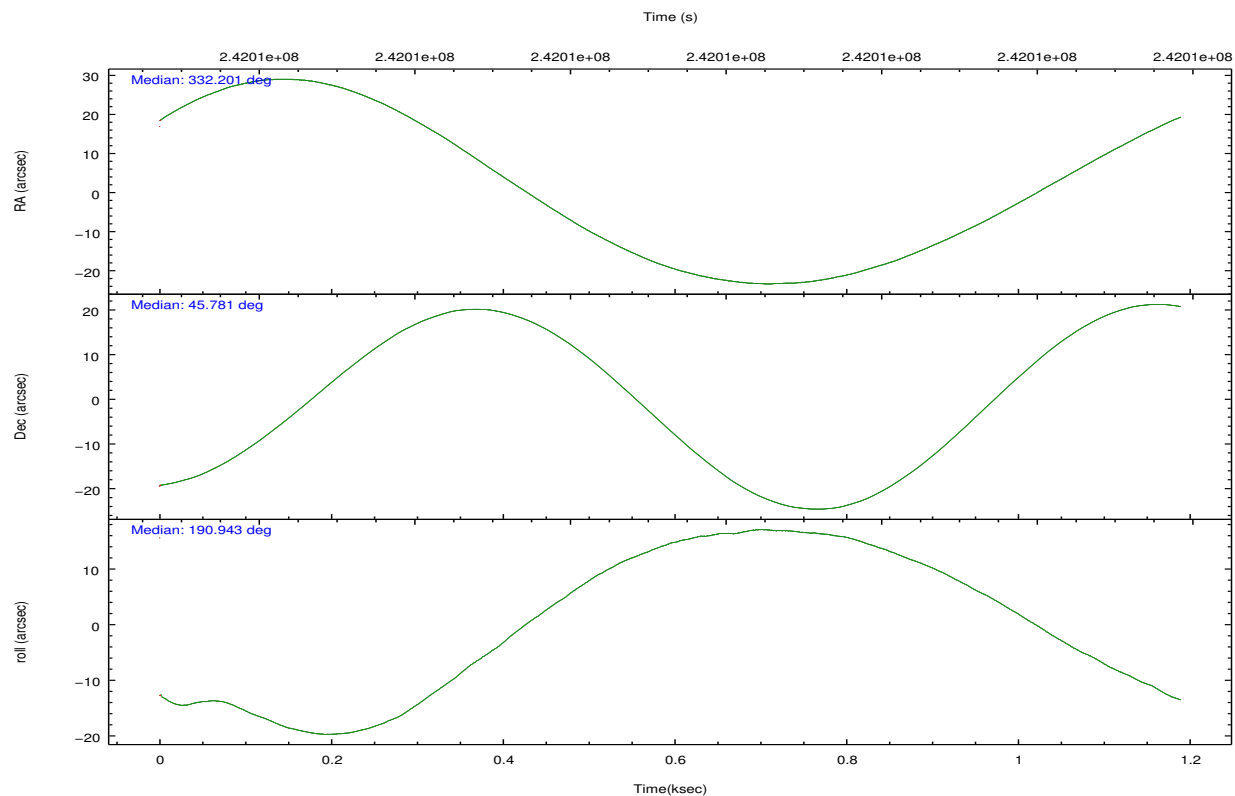
	segment 1	segment 2	segment 3
level 1 events	1483	117229	1323
rejected events	1483	31857	1288
rejected %	100%	27%	97%

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	332.230879	332.20169356089			
[deg] Pointing Dec	45.800373	45.78072615701721			
[deg] Pointing Roll	190.861919	190.9501830364513			
[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)	242007324.184000	242006948.27135			
Observation start date	2005-09-02T00:14:20	2005-09-02T00:09:08			
[s] Observation end time (MET)	242008324.184000	242008458.60892			
Observation end date	2005-09-02T00:31:00	2005-09-02T00:34:18			

2.3 Aspect



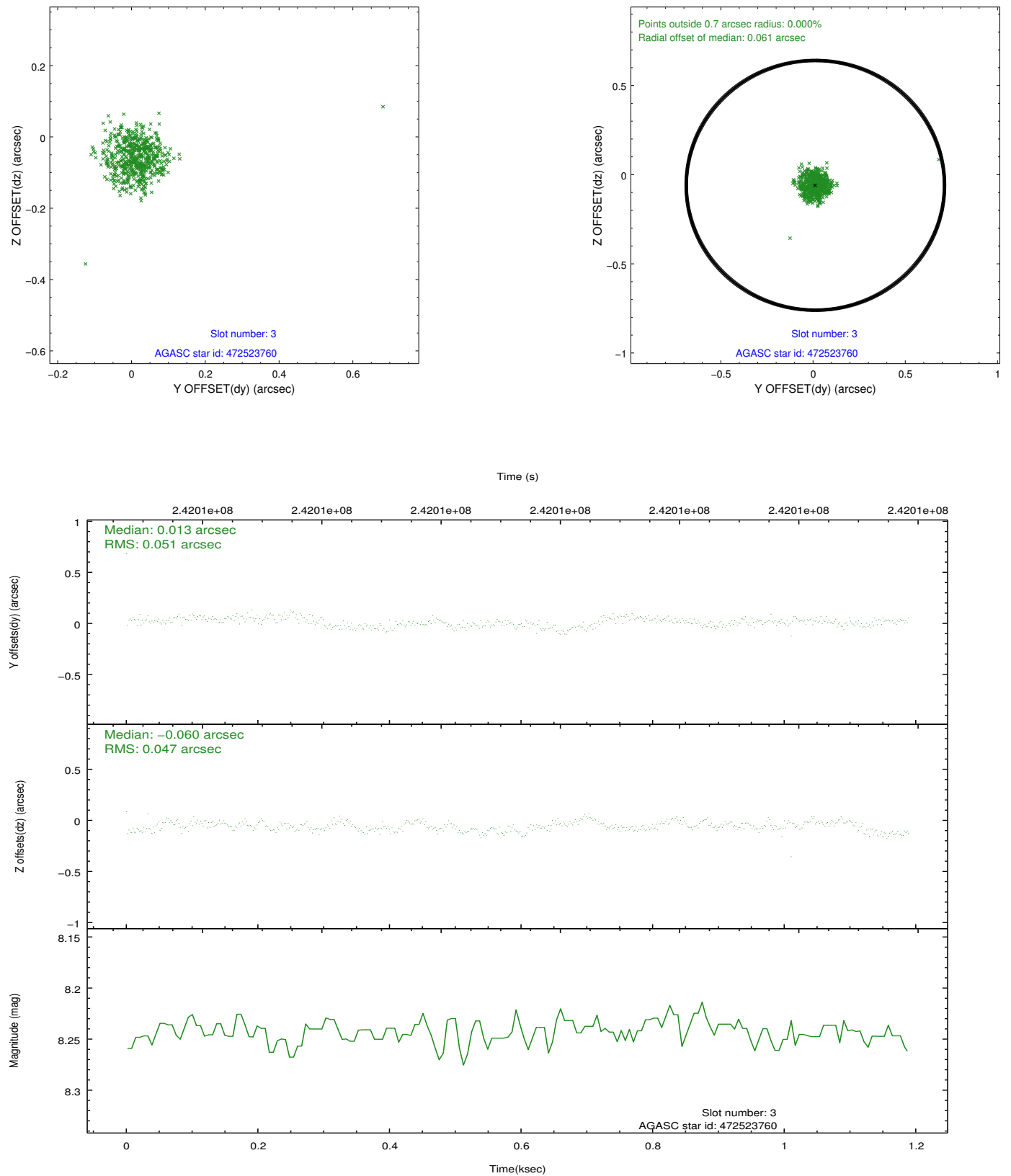


Slot Statistics

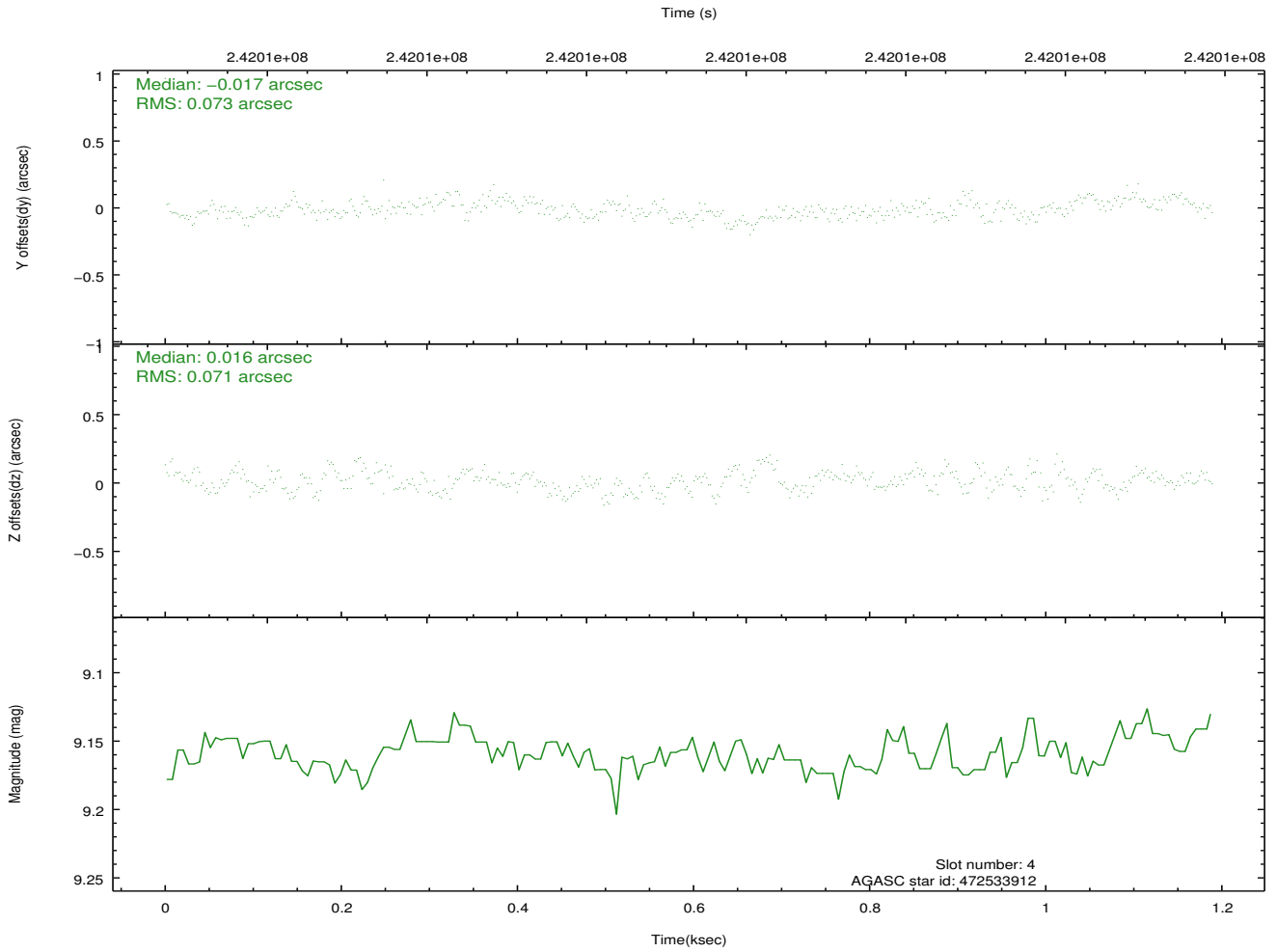
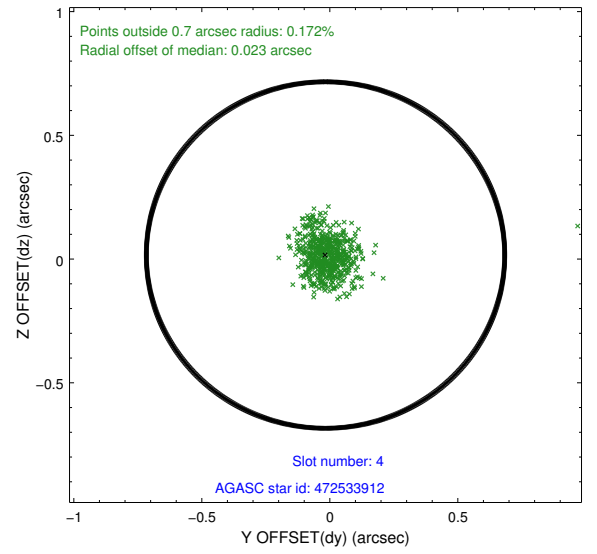
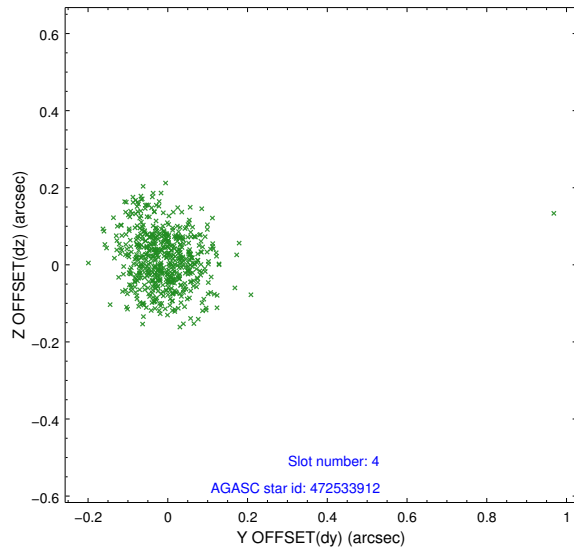
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	291	0.143	-0.154	0.008	0.011	0.000000	0.000000	-1162.14	-457.14
1	FID	HRC-S-2	7.03	291	0.157	-0.118	0.005	0.010	0.000000	0.000000	1233.56	-451.30
2	FID	HRC-S-3	7.04	290	0.090	-0.030	0.007	0.011	0.000000	0.000000	-1160.67	570.96
3	GUIDE	472523760	8.24	581	0.013	-0.060	0.068	0.101	331.645363	45.403260	1723.25	1120.47
4	GUIDE	472533912	9.16	581	-0.017	0.016	0.101	0.164	331.791136	46.368695	691.43	-2215.63
5	GUIDE	472535576	7.86	581	-0.143	0.088	0.062	0.100	331.438373	46.291802	1603.71	-2121.67
6	GUIDE	472665256	9.00	581	0.185	0.012	0.096	0.344	332.808125	46.195041	-1676.83	-1132.85
7	GUIDE	472527720	7.00	580	-0.057	-0.018	0.065	0.125	331.460205	45.112509	2386.10	2052.60

2.4 Star Slots

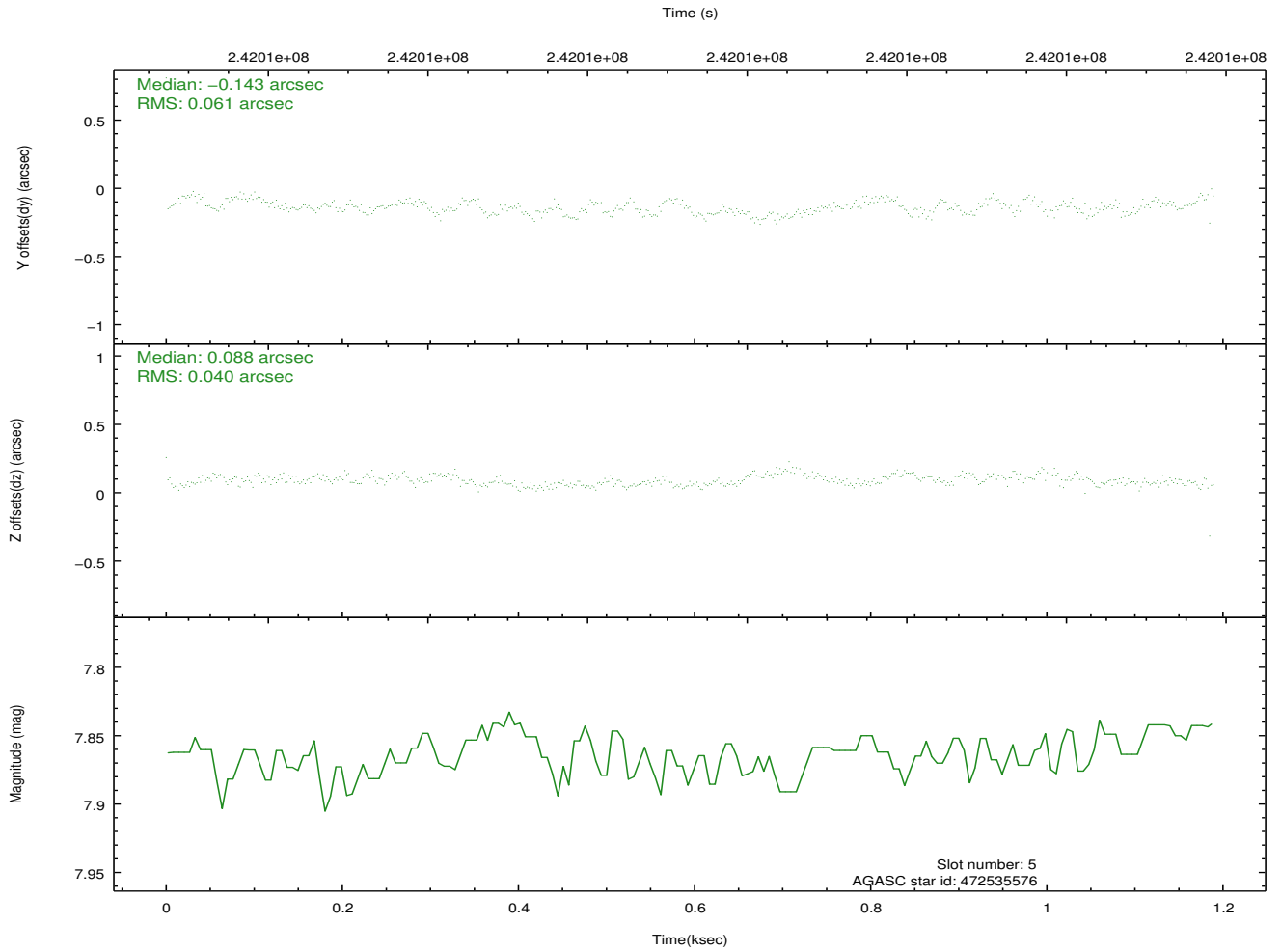
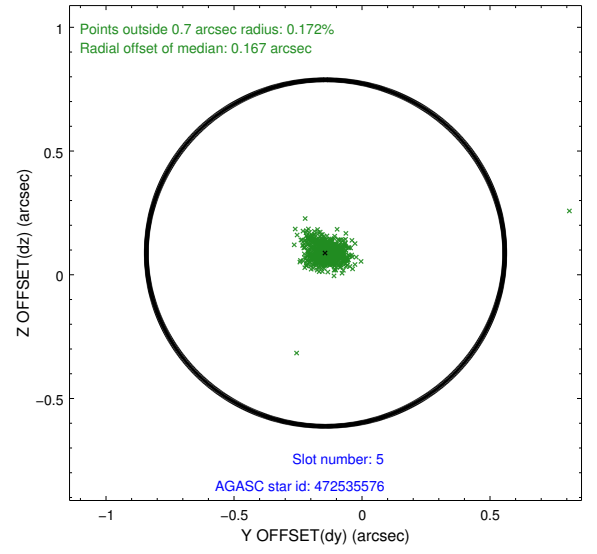
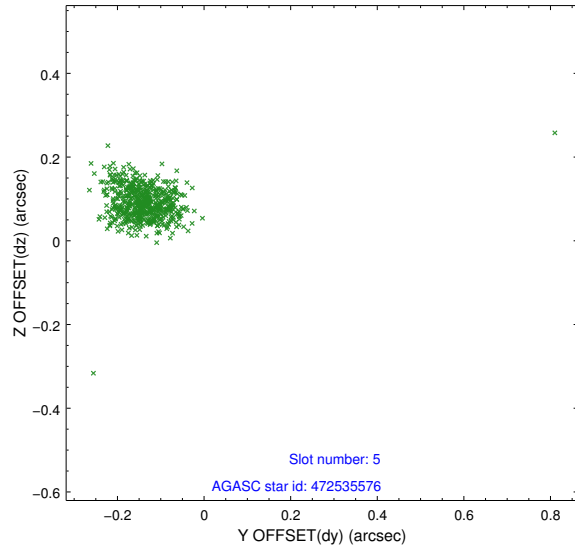
2.4.1 Slot 3



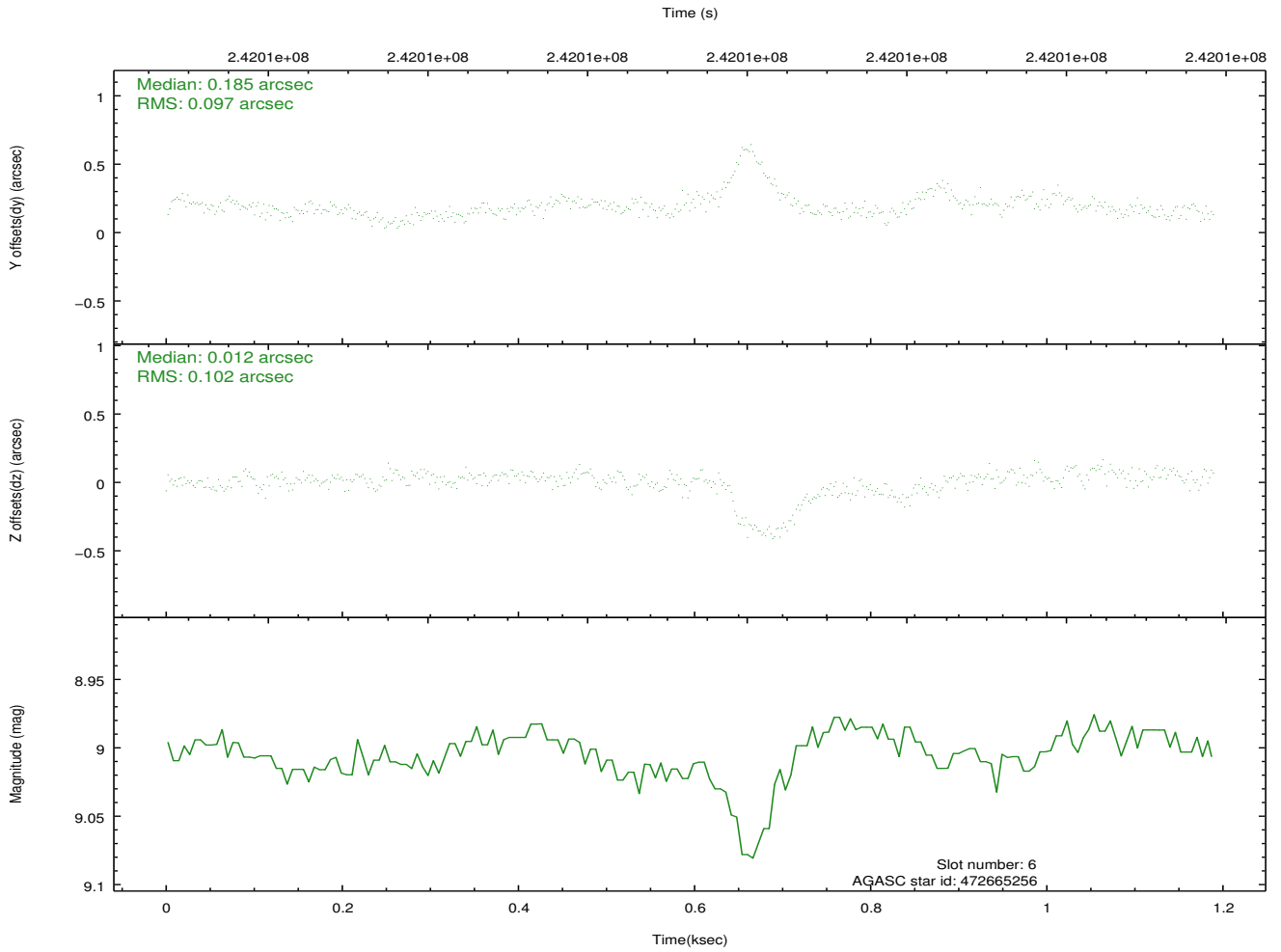
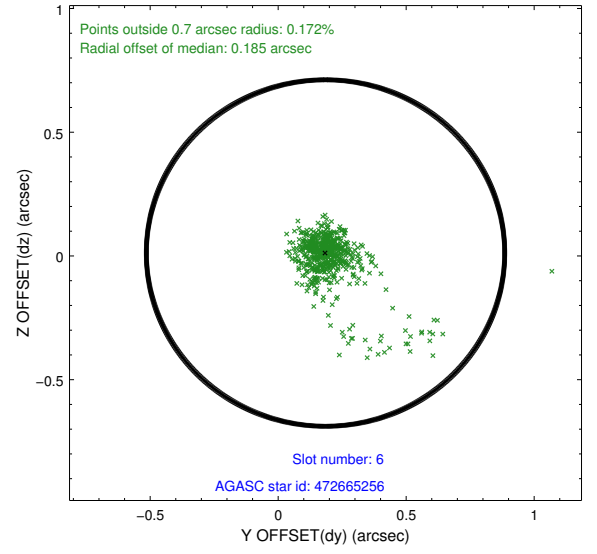
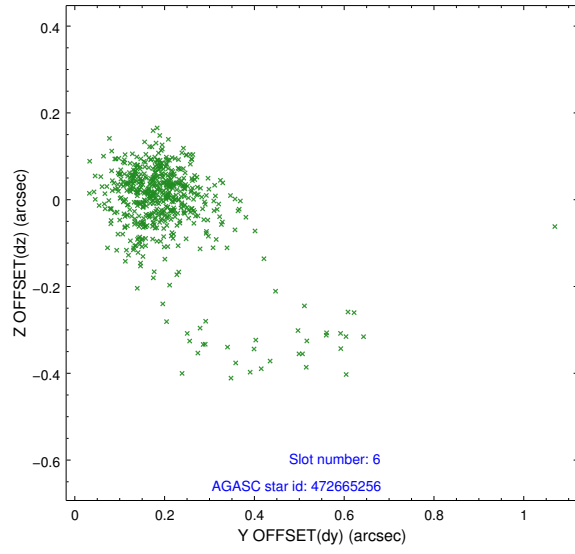
2.4.2 Slot 4



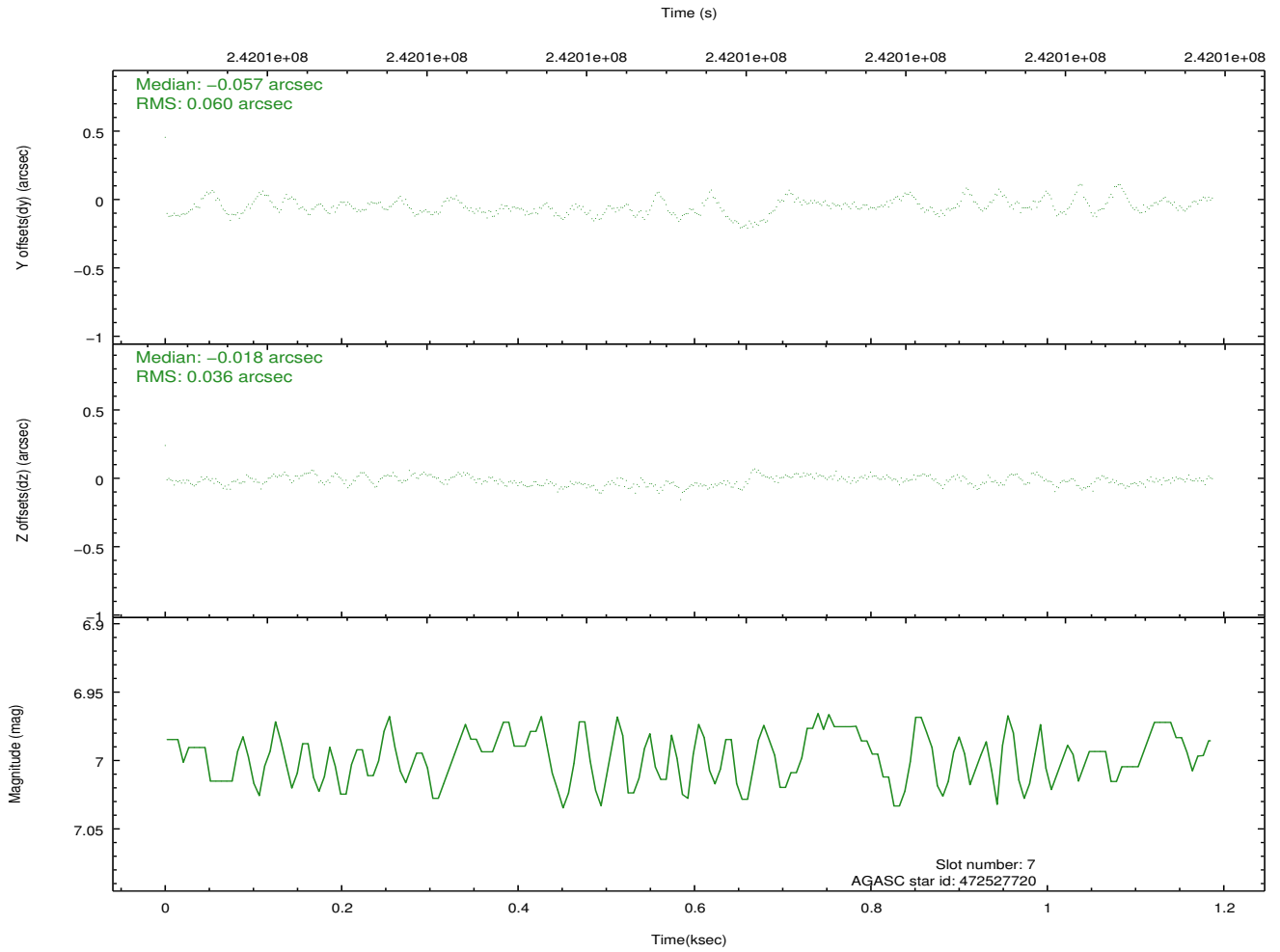
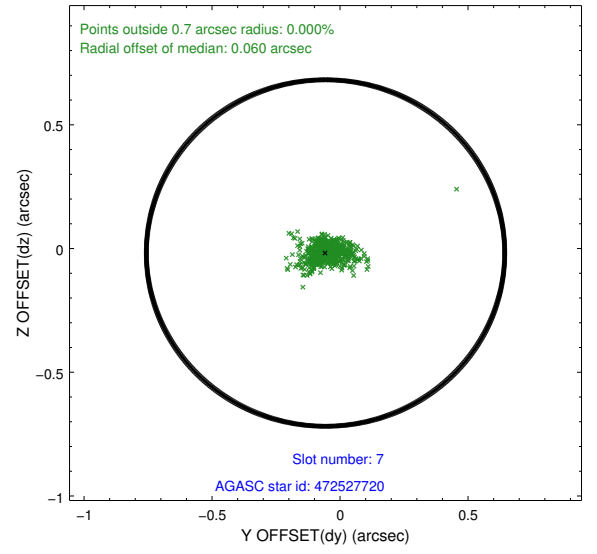
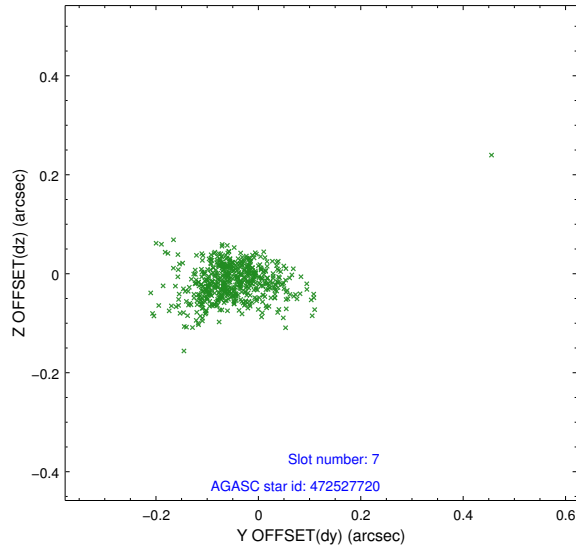
2.4.3 Slot 5



2.4.4 Slot 6

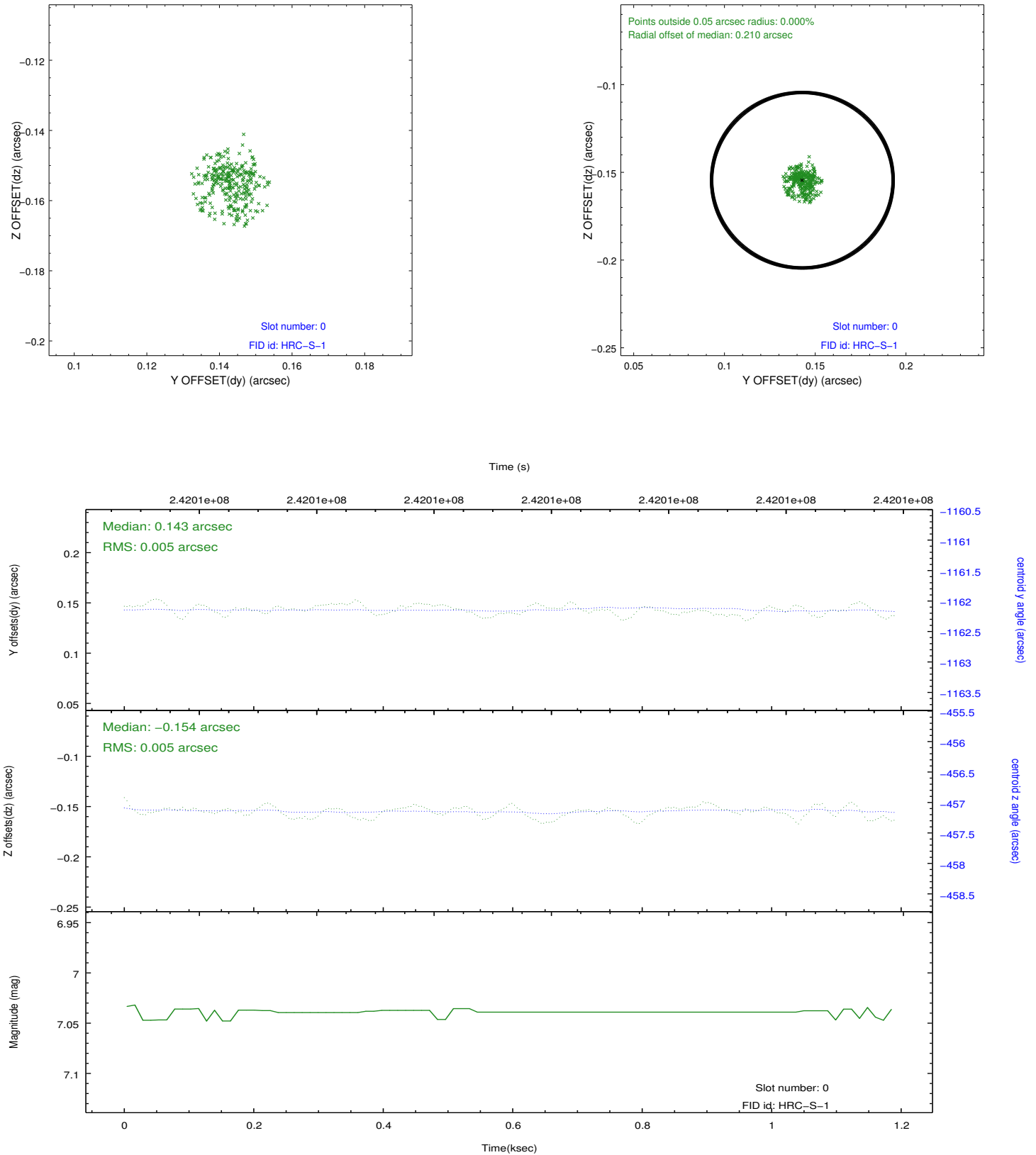


2.4.5 Slot 7

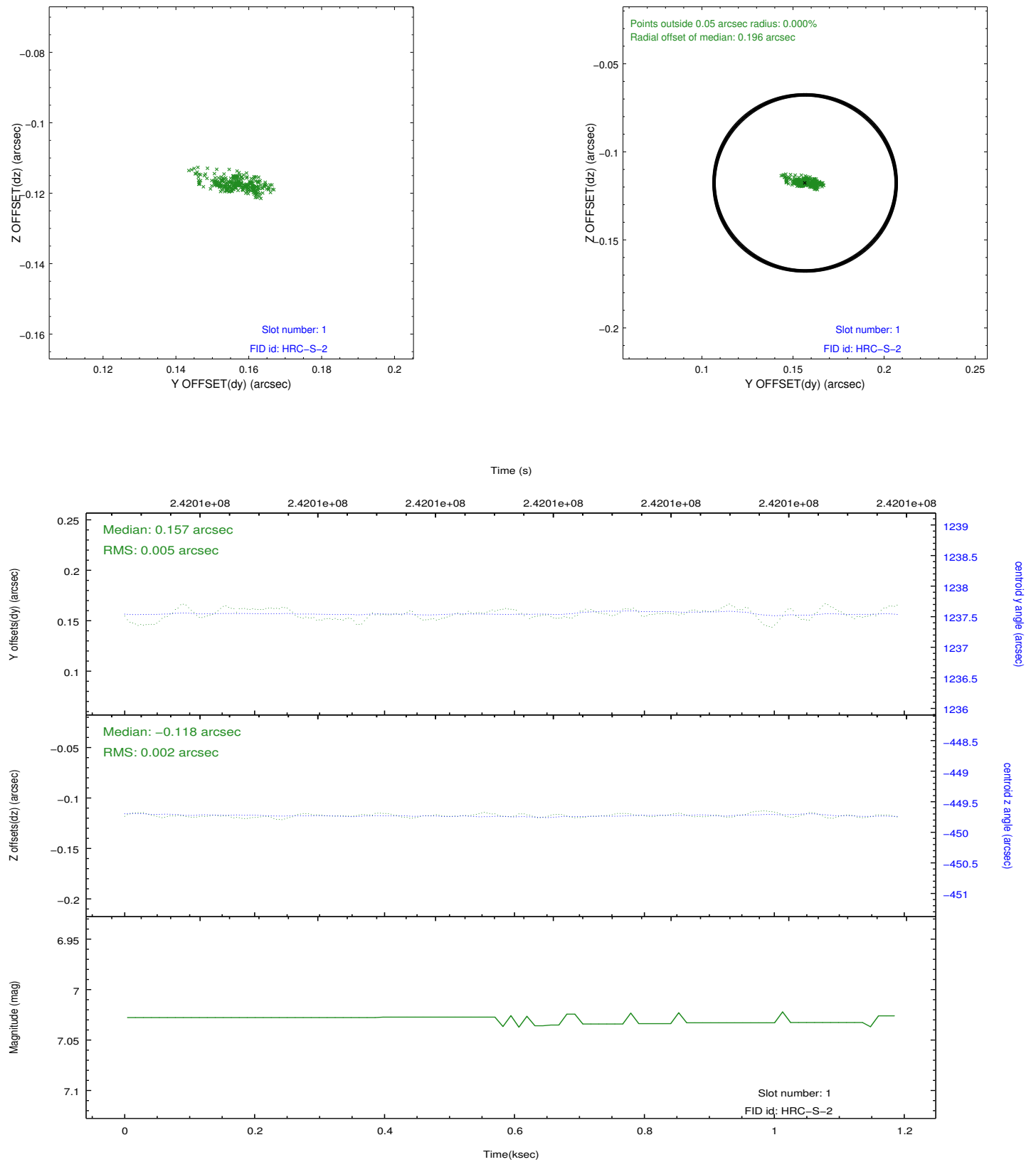


2.5 FID Slots

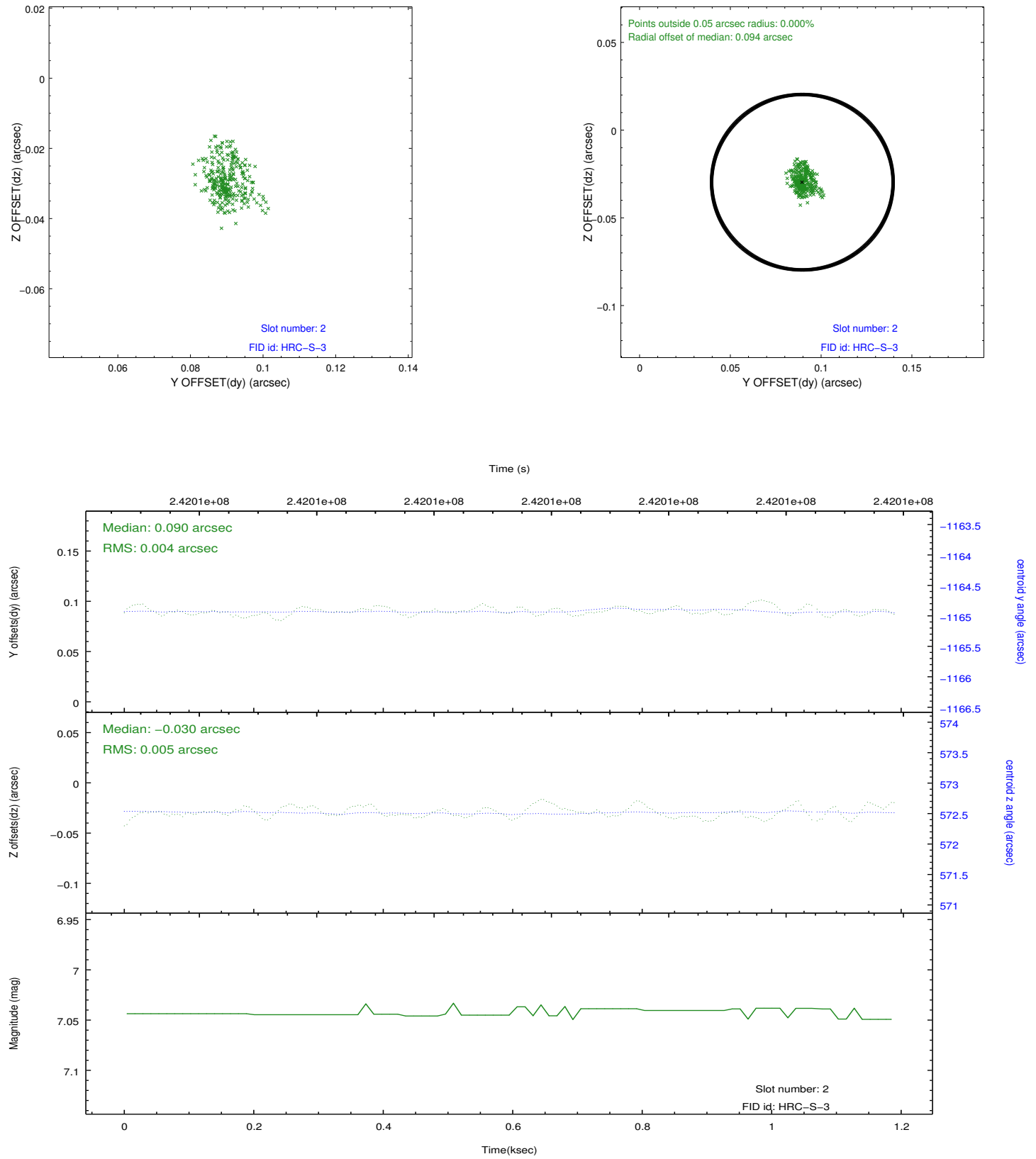
2.5.1 Slot 0



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)	2013.03.19
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.159531

A.2 Comments