

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2653 - L2 Version 3
Chandra X-Ray Center

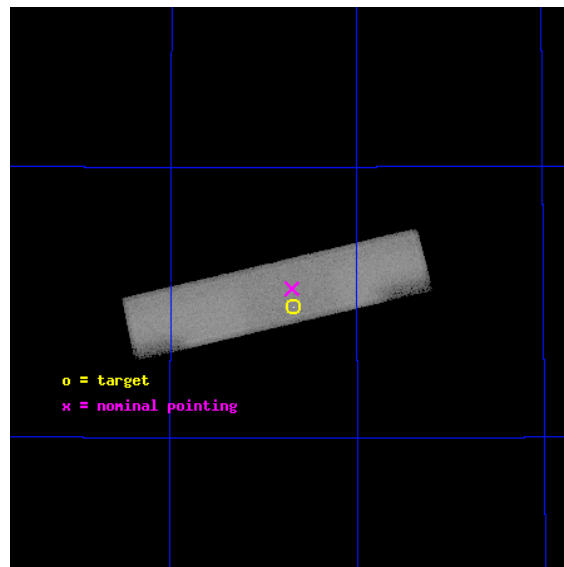
L2 Processing Date : Oct 11 2012

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1 Front

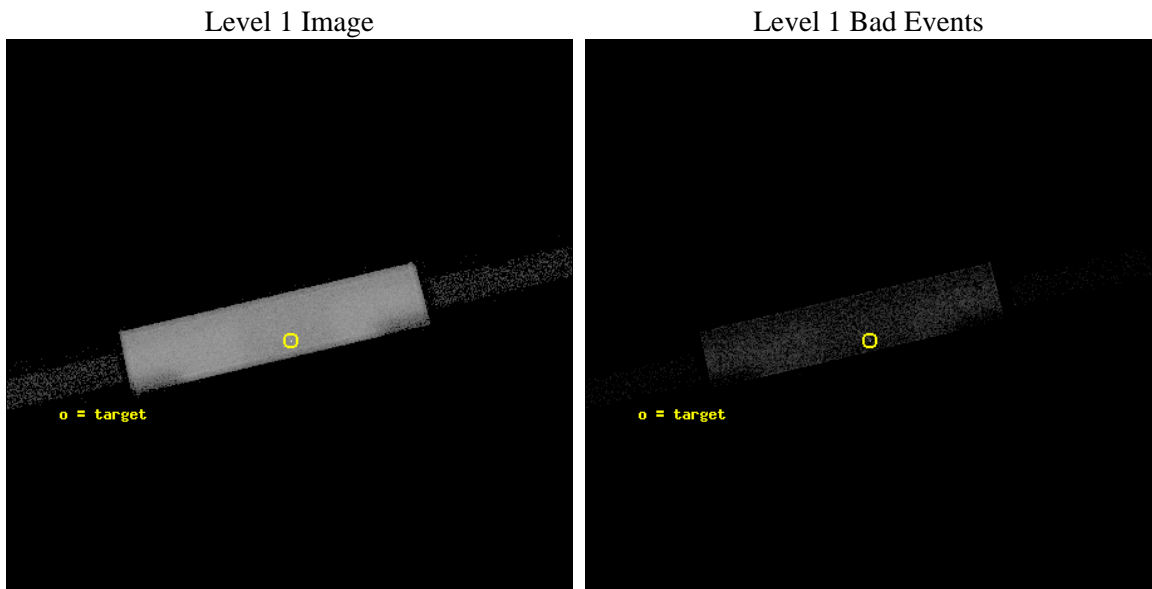
seq_num	290209	Sequence number
obs_id	2653	Observation id
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17445394574	Nominal RA [deg]
dec_nom	45.775761297005	Nominal Dec [deg]
roll_nom	166.74905525639	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1143.1312970817	[s]
livetime	210.22822954667	Ontime multiplied by DTCOR
l2events	203117	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	1143.1312970817	[s]
caldsver	4.5.2	 	l1events	277830	Number of level 1 events
date	2012-10-11T21:52:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

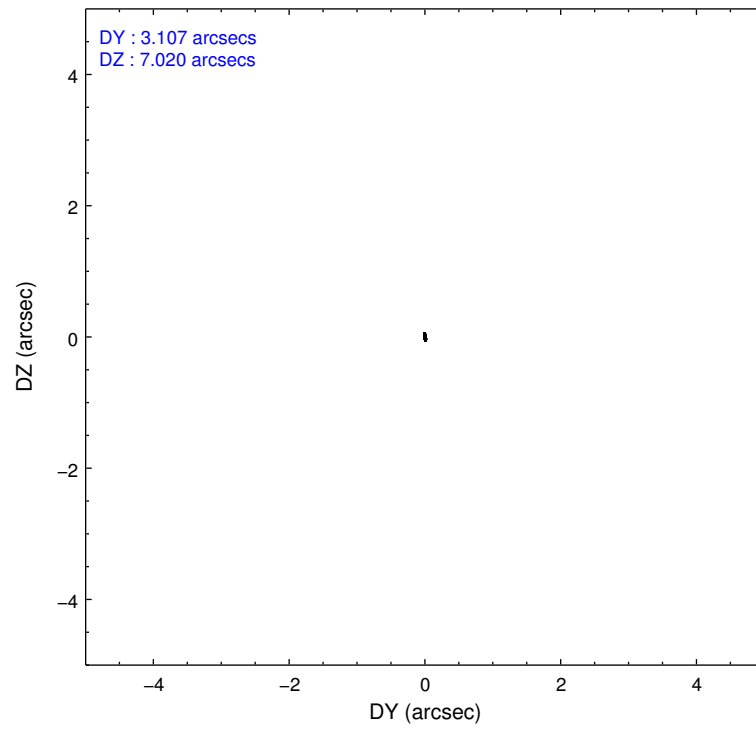
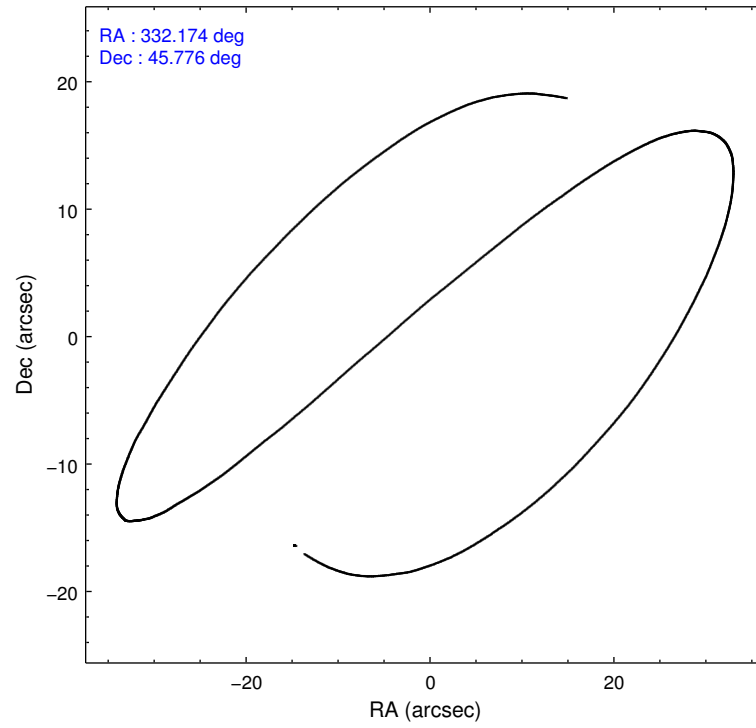
Level 1 Events

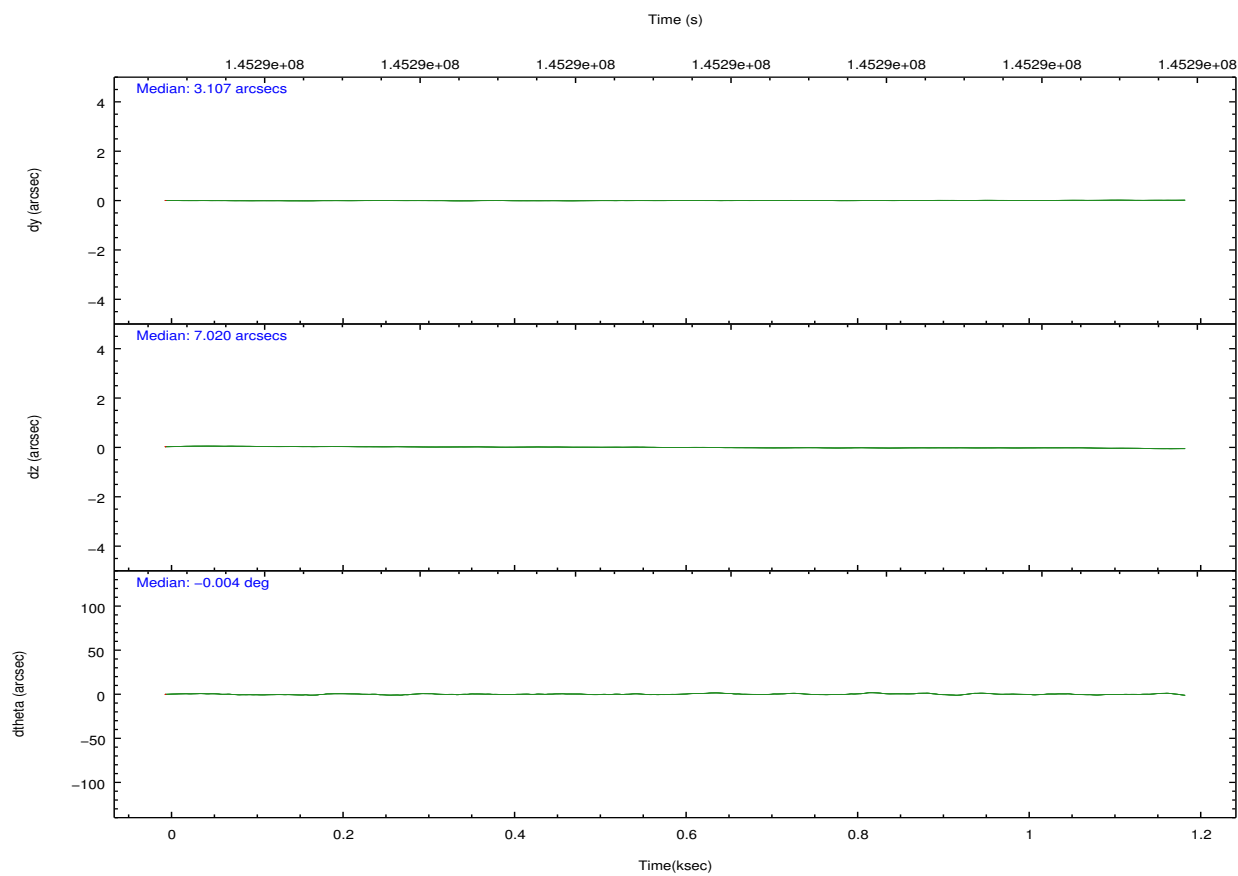
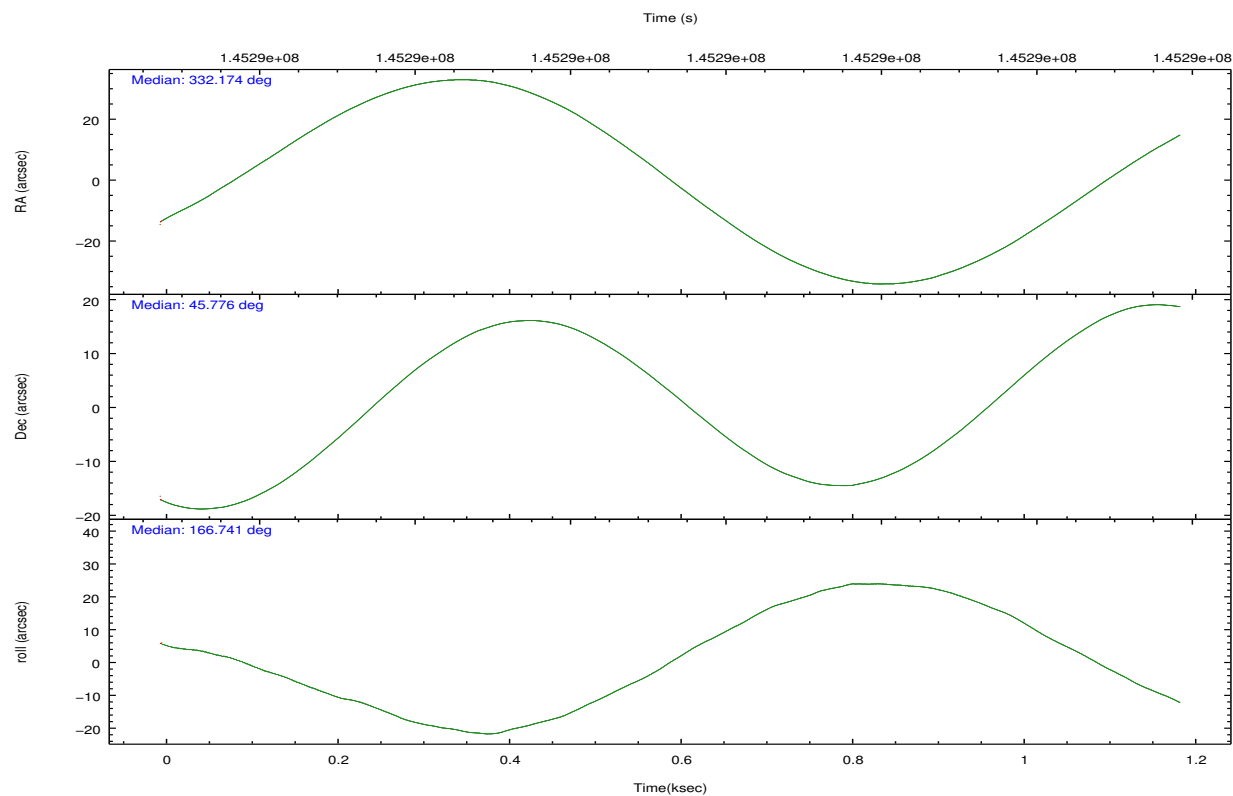
	segment 1	segment 2	segment 3
level 1 events	3329	271799	2702
rejected events	3329	61019	2702
rejected %	100%	22%	100%

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	332.213155	332.1744539457402			
[deg] Pointing Dec	45.785530	45.77576129700451			
[deg] Pointing Roll	166.653974	166.7490552563854			
[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)	145291318.184000	145290941.66209			
Observation start date	2002-08-09T14:40:54	2002-08-09T14:35:41			
[s] Observation end time (MET)	145292318.184000	145292452.51215			
Observation end date	2002-08-09T14:57:34	2002-08-09T15:00:52			

2.3 Aspect



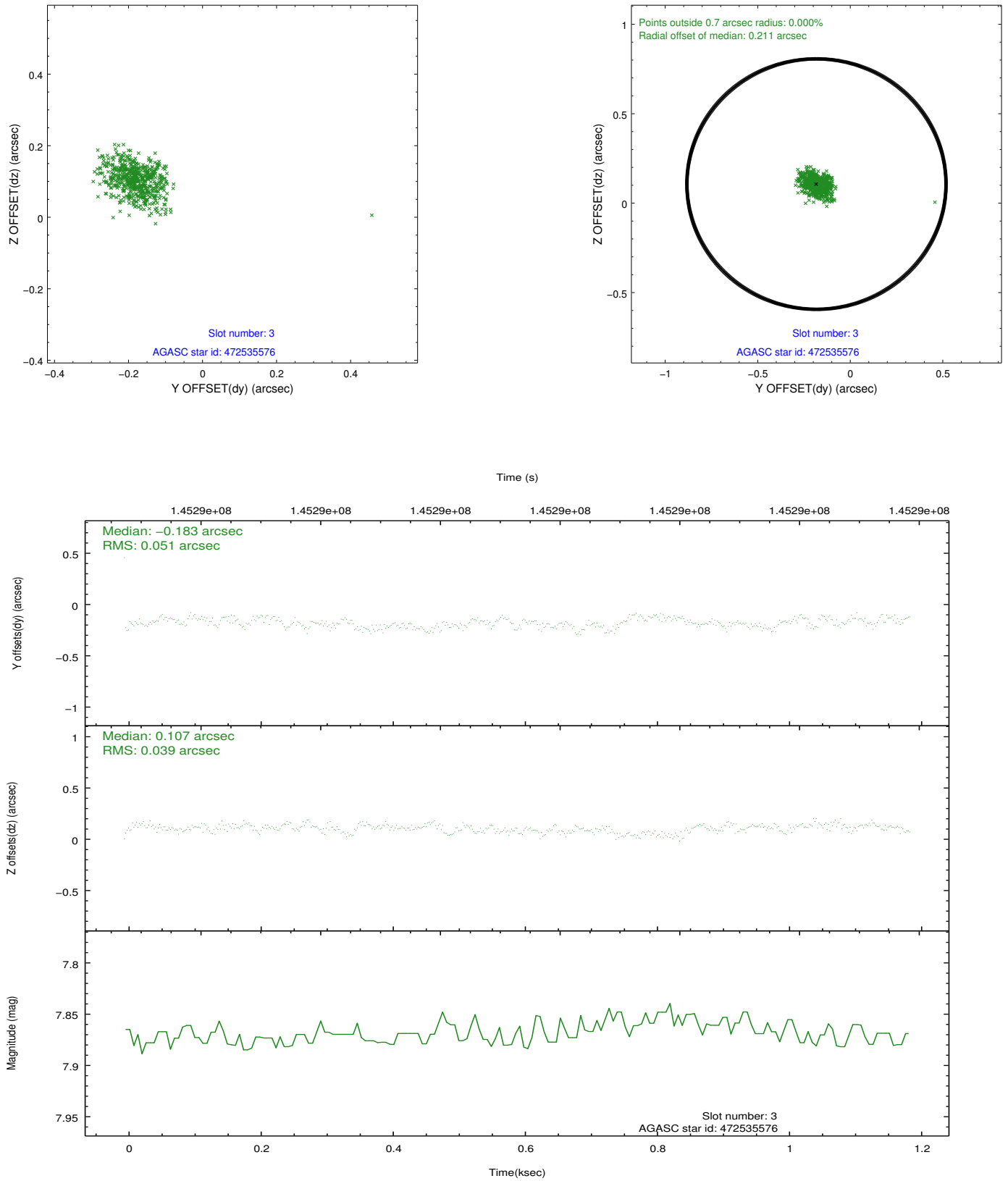


Slot Statistics

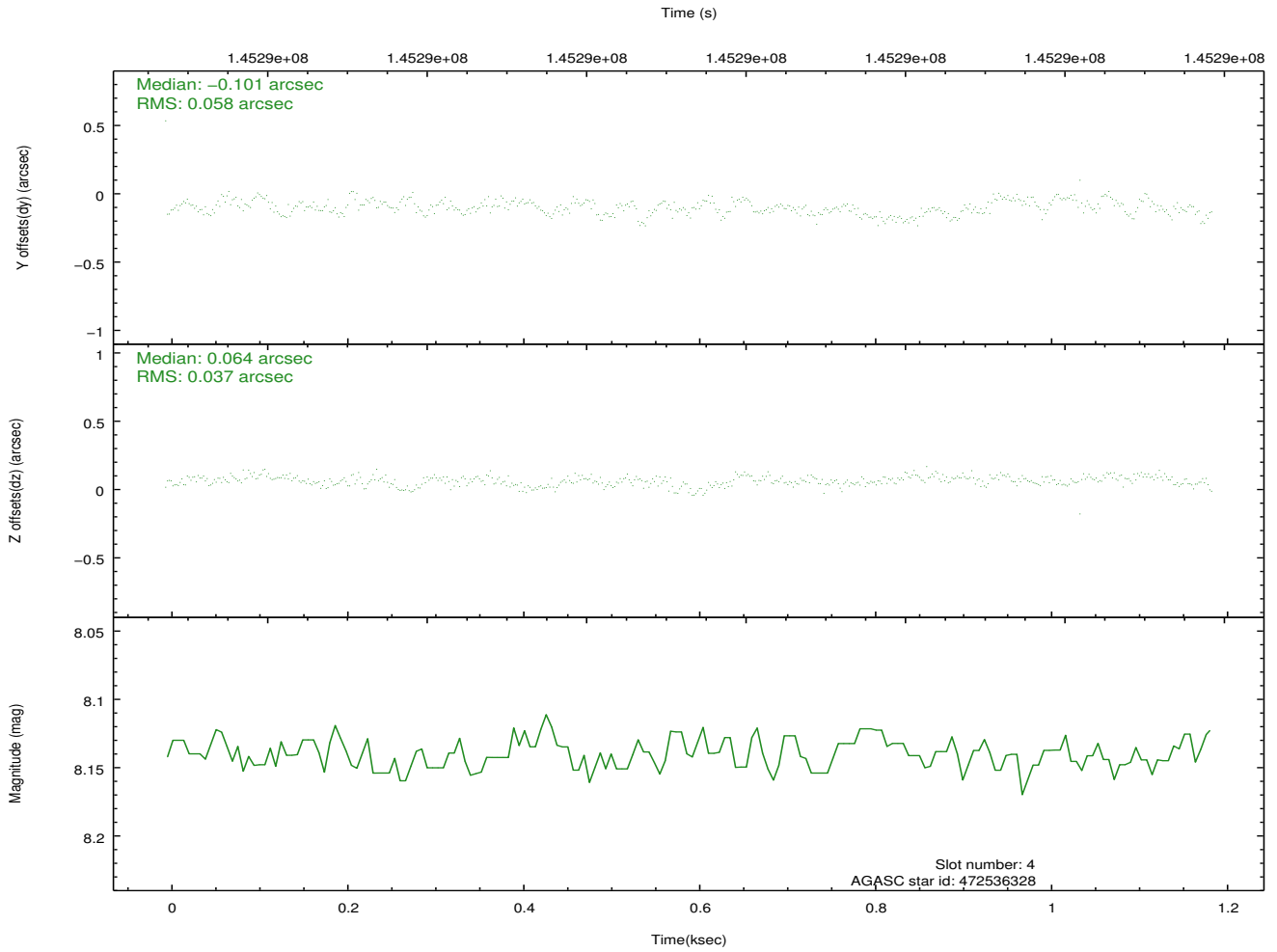
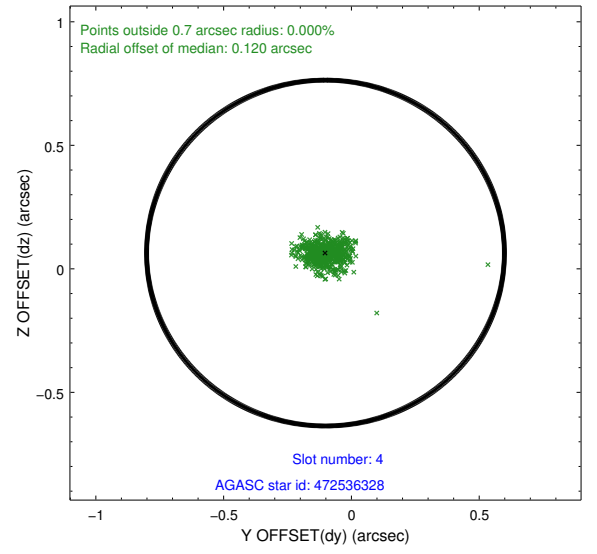
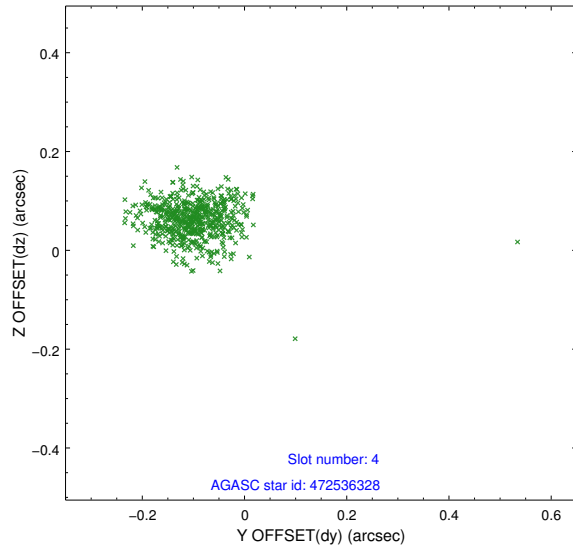
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	291	0.152	-0.098	0.007	0.011	0.000000	0.000000	-1157.13	-455.56
1	FID	HRC-S-2	7.01	291	0.090	-0.093	0.004	0.009	0.000000	0.000000	1238.52	-449.73
2	FID	HRC-S-3	7.03	291	0.148	-0.112	0.007	0.011	0.000000	0.000000	-1155.61	572.41
3	GUIDE	472535576	7.87	581	-0.183	0.107	0.065	0.103	331.438373	46.291802	2297.31	-1337.95
4	GUIDE	472536328	8.14	581	-0.101	0.064	0.067	0.106	331.496671	46.454831	2290.37	-1944.73
5	GUIDE	472523760	8.23	581	-0.057	-0.076	0.058	0.094	331.645363	45.403260	1082.73	1661.37
6	GUIDE	472665256	9.01	580	0.203	0.079	0.071	0.118	332.808125	46.195041	-1099.54	-1779.99
7	GUIDE	472655704	9.49	580	0.146	-0.153	0.095	0.159	332.167195	45.285228	-305.35	1775.25

2.4 Star Slots

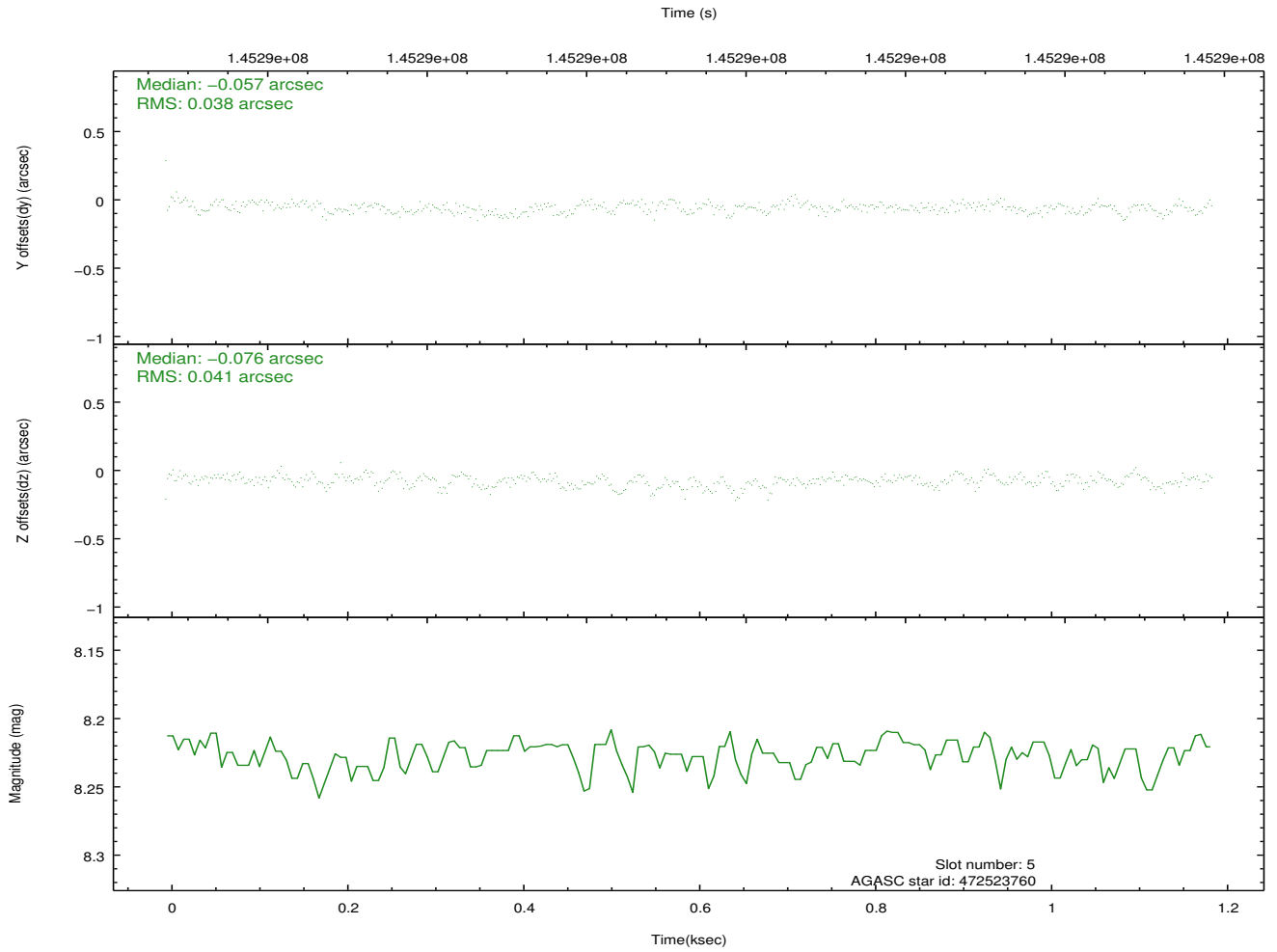
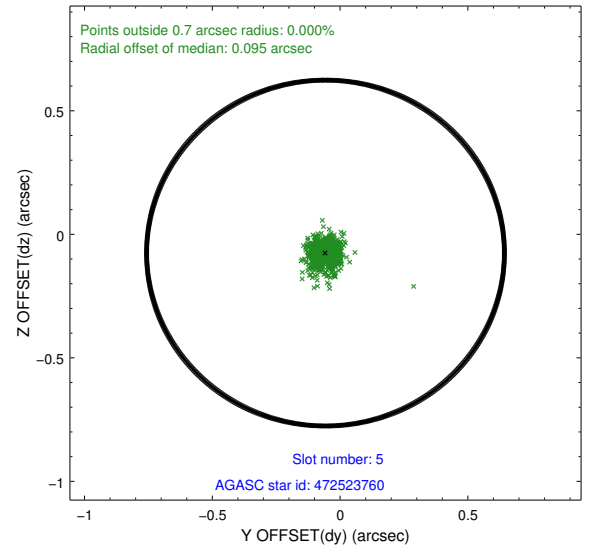
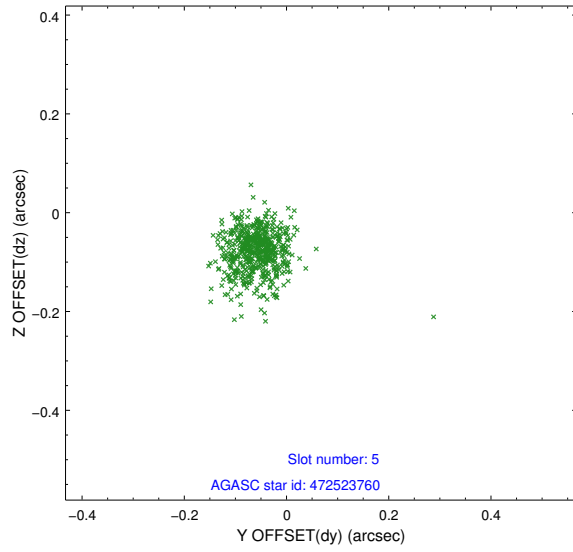
2.4.1 Slot 3



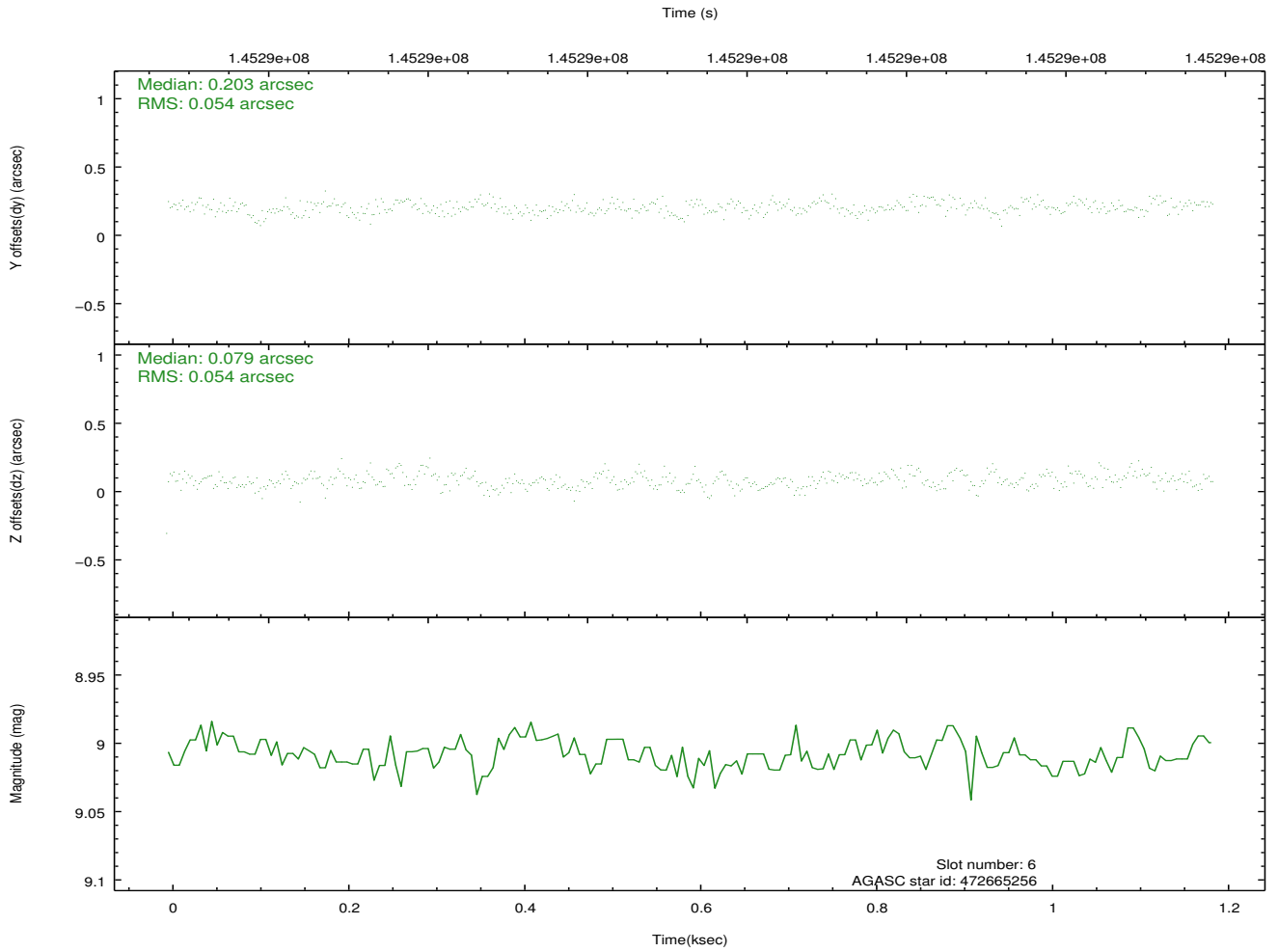
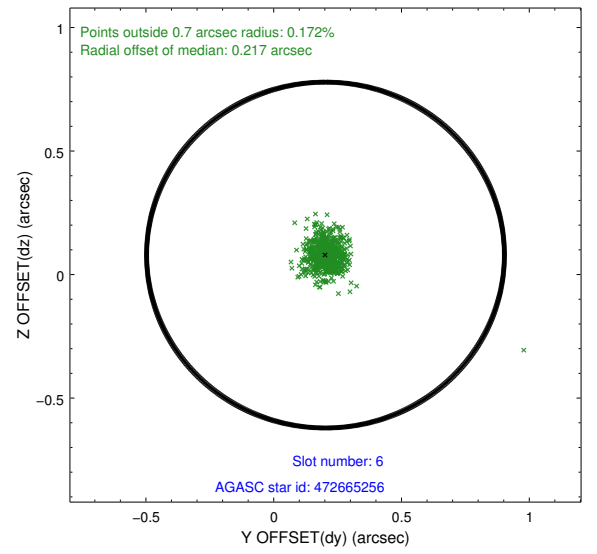
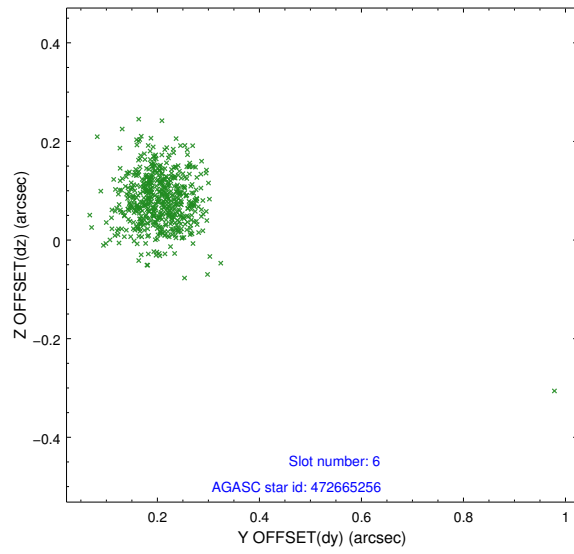
2.4.2 Slot 4



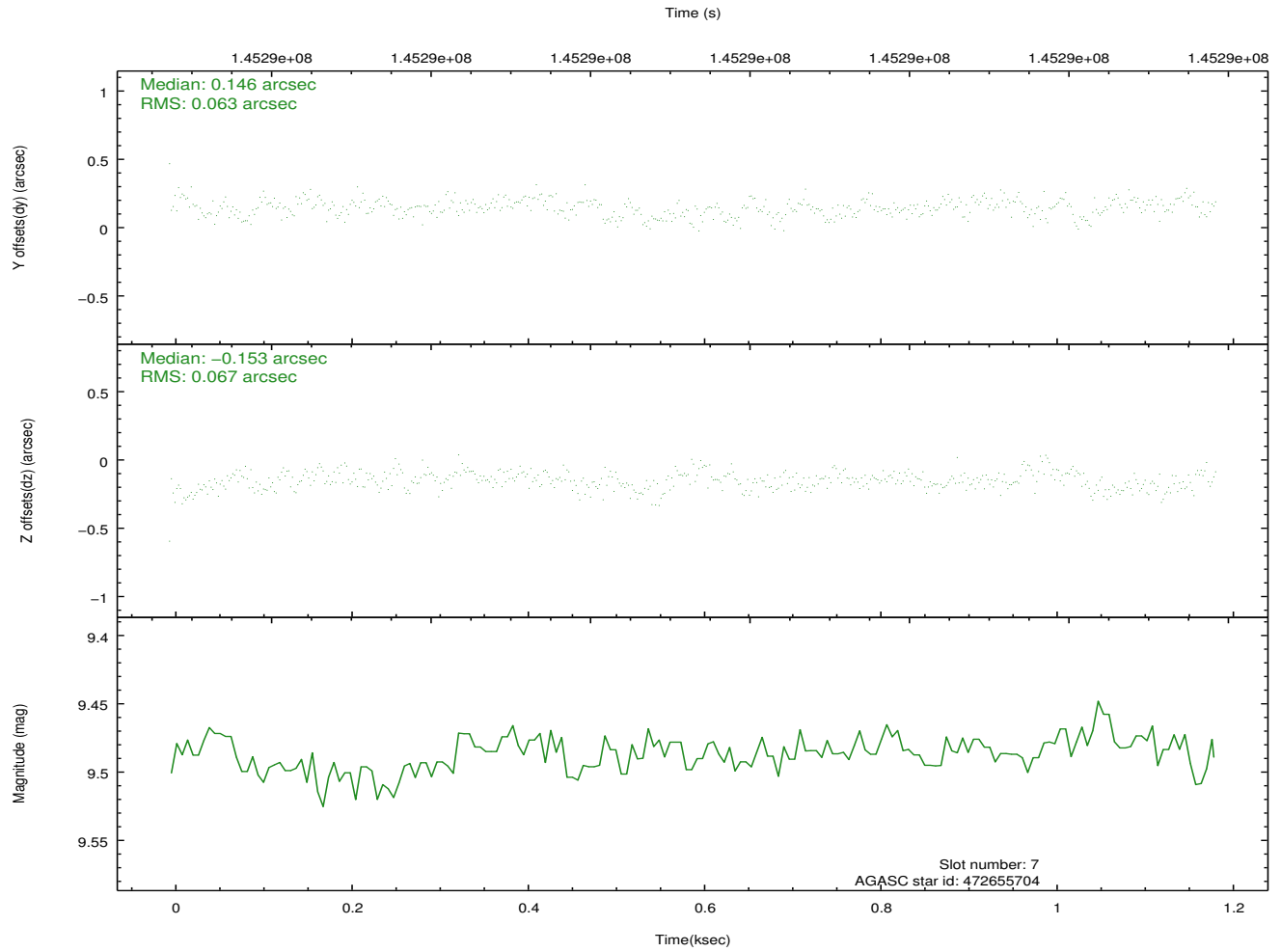
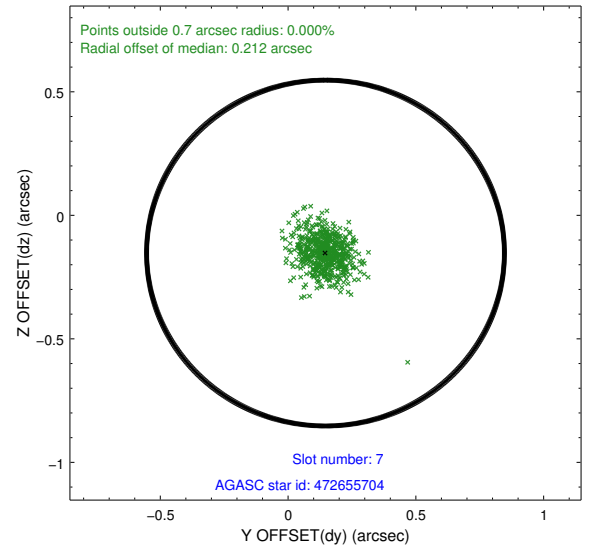
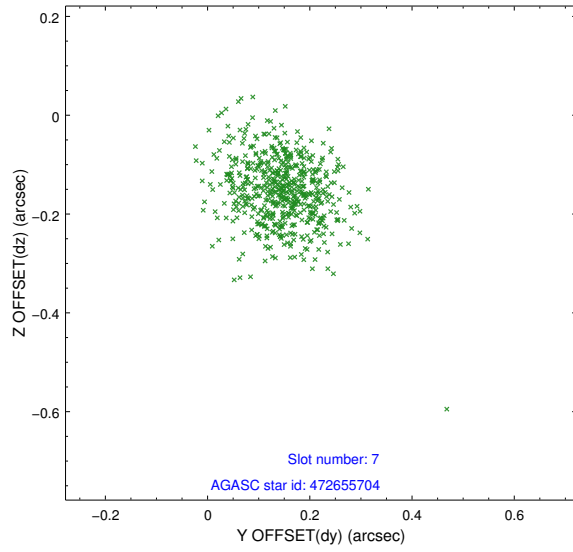
2.4.3 Slot 5



2.4.4 Slot 6

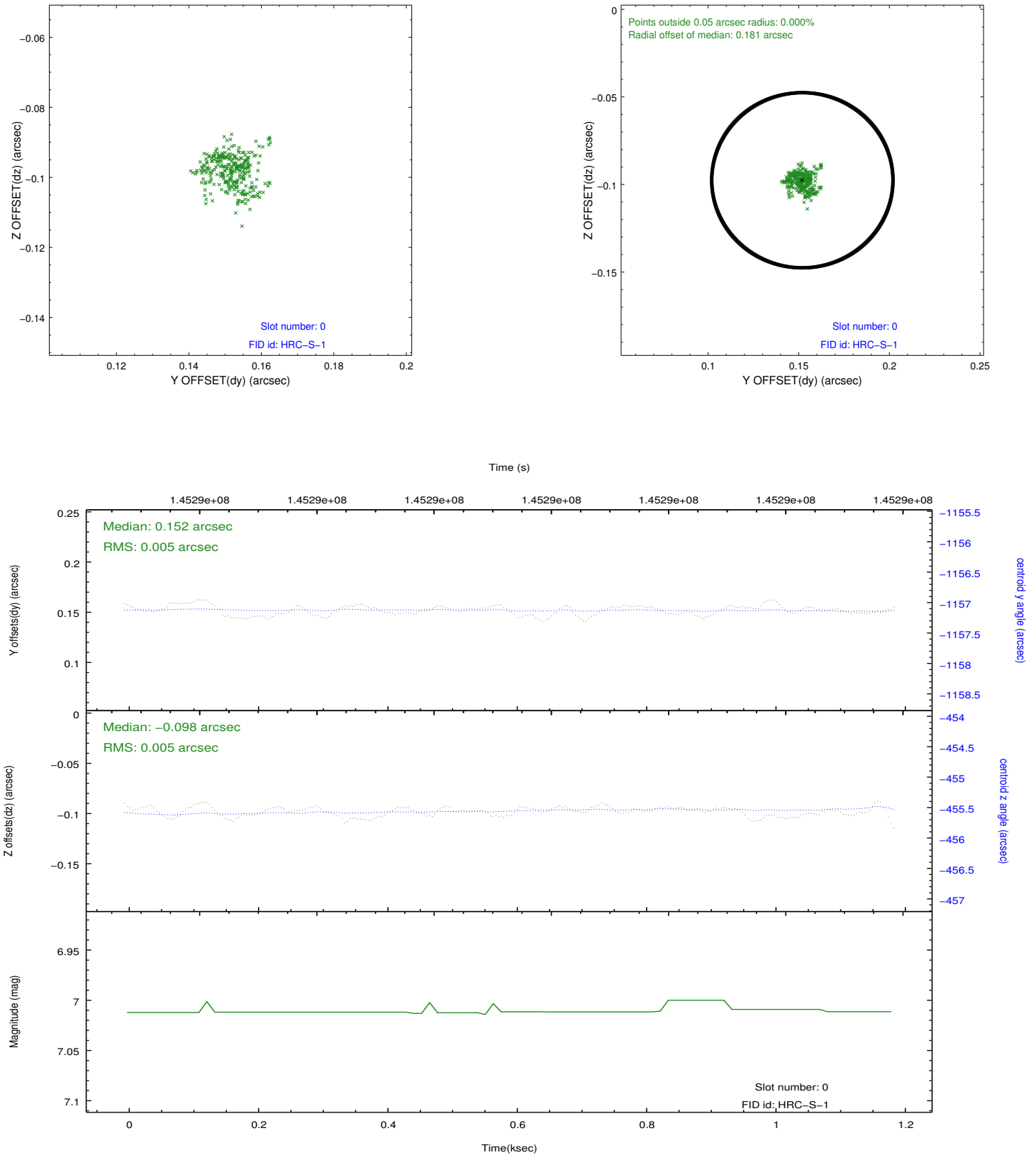


2.4.5 Slot 7

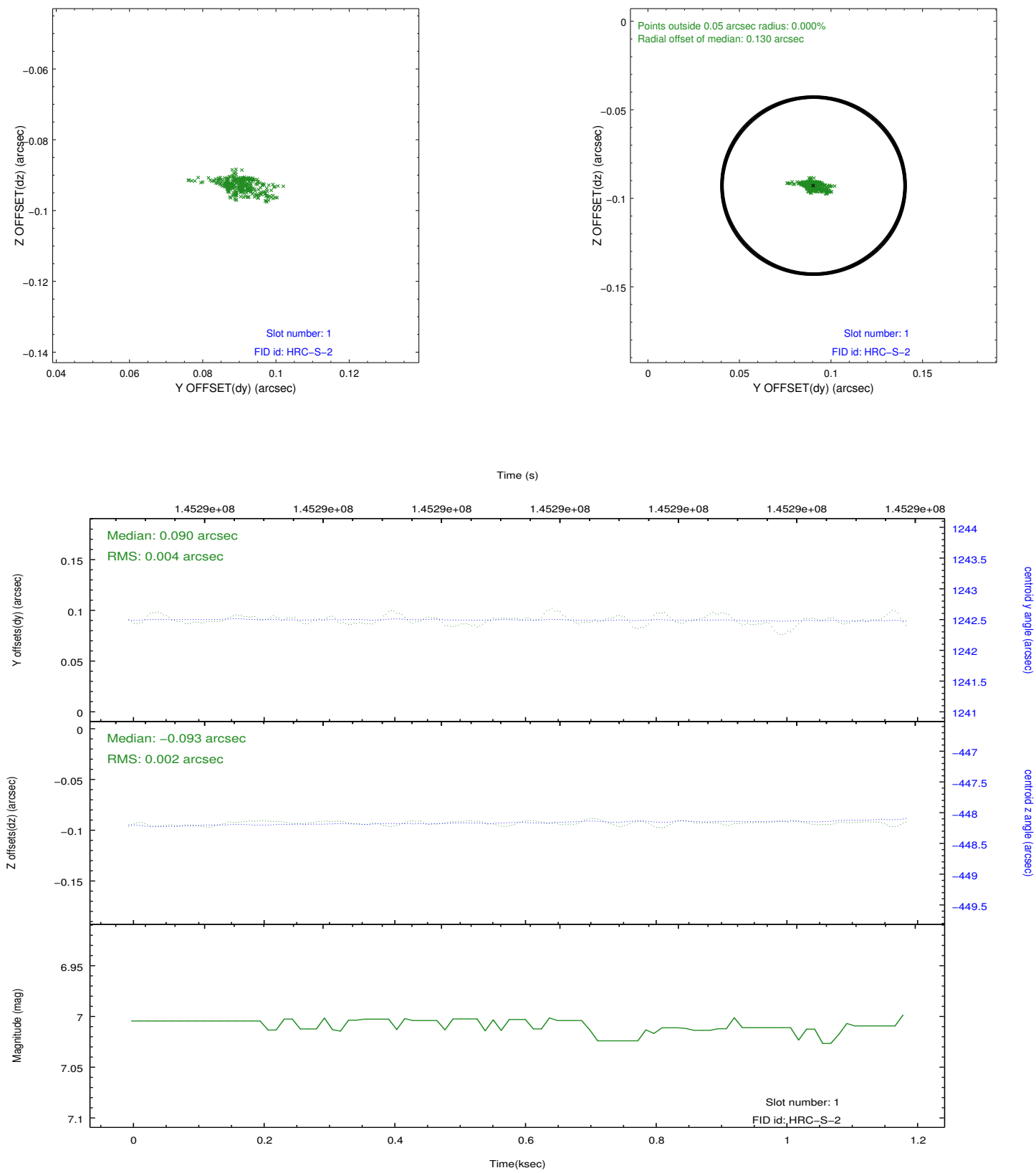


2.5 FID Slots

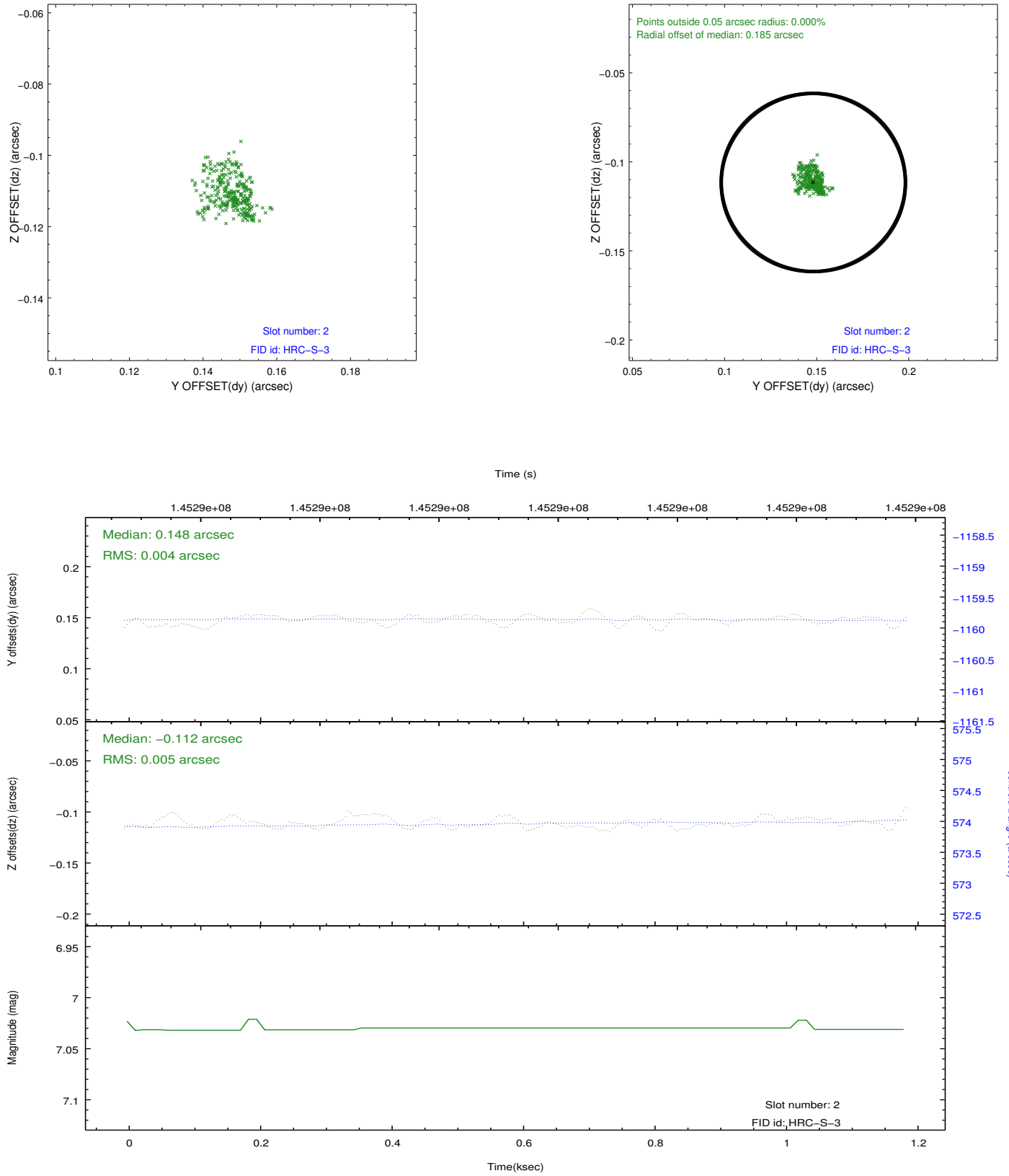
2.5.1 Slot 0



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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.182

A.2 Comments

Charge time for this ObsId remains at previous value of 1.182 ks, although with the current processing it would have been 1.14 ksec. Monitor constraint met.