

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2639 - L2 Version 3
Chandra X-Ray Center

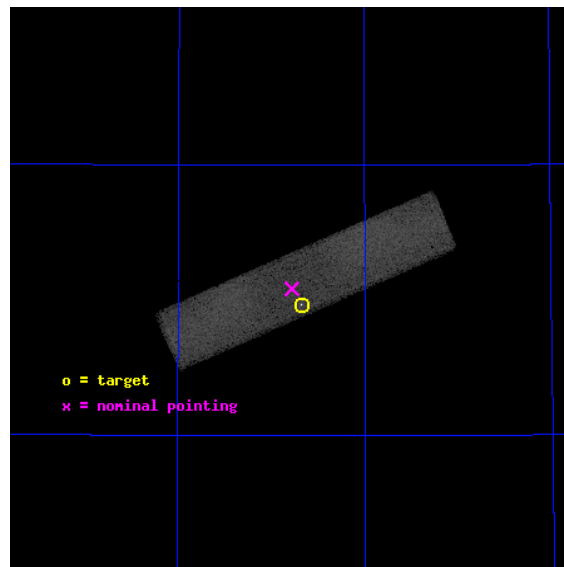
L2 Processing Date : Oct 1 2012

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1 Front

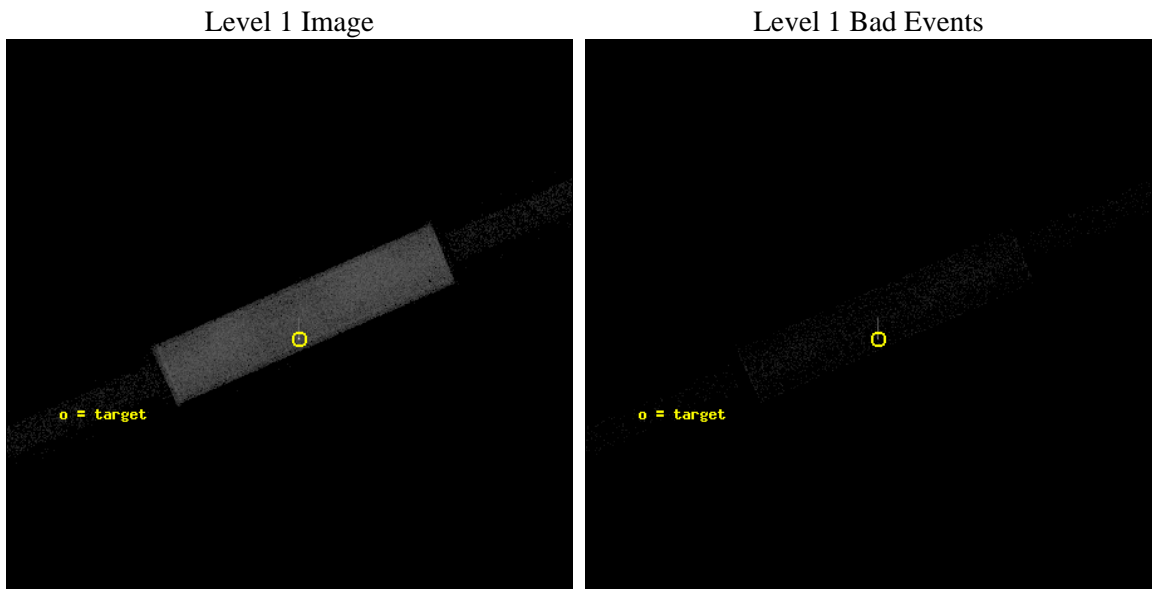
seq_num	290195	Sequence number
obs_id	2639	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19541210402	Nominal RA [deg]
dec_nom	45.77176553091	Nominal Dec [deg]
roll_nom	336.38957748189	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1142.1062960178	[s]
livetime	1125.8817988721	Ontime multiplied by DTCOR
l2events	74069	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1142.1062960178	[s]
caldsver	4.5.2	 	l1events	117713	Number of level 1 events
date	2012-10-01T03:03:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

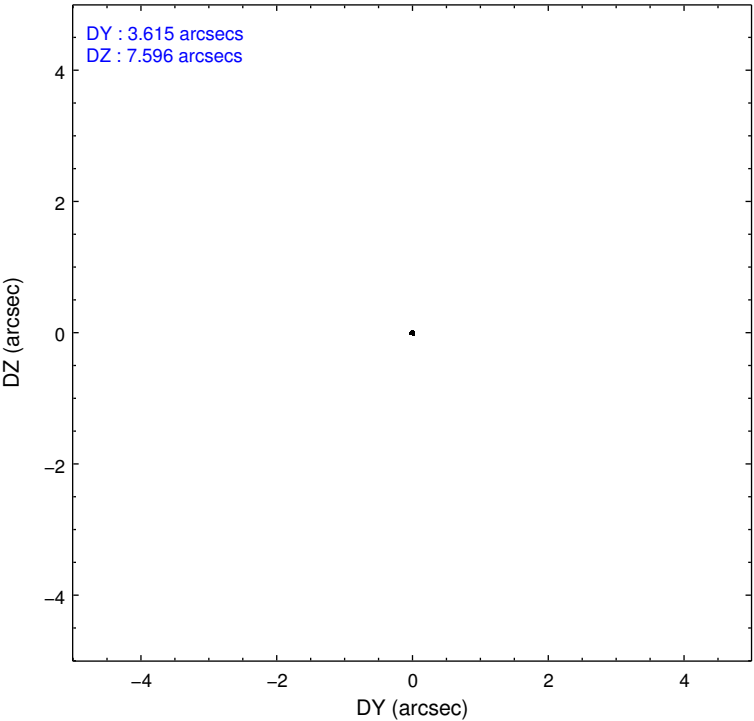
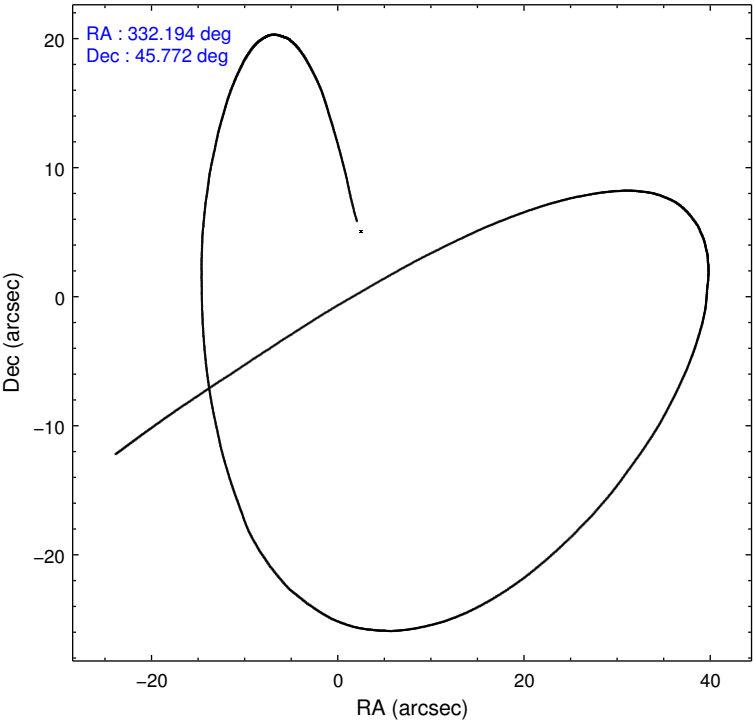
Level 1 Events

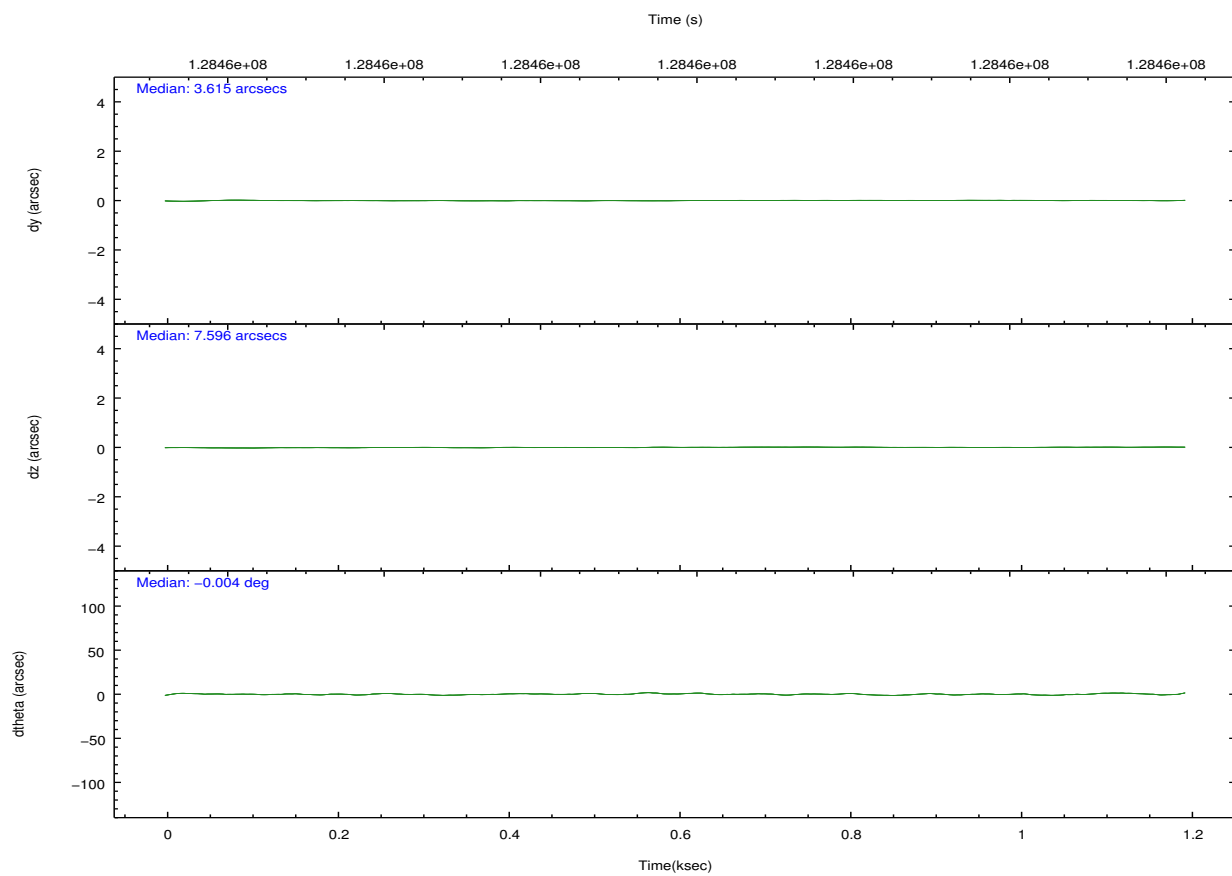
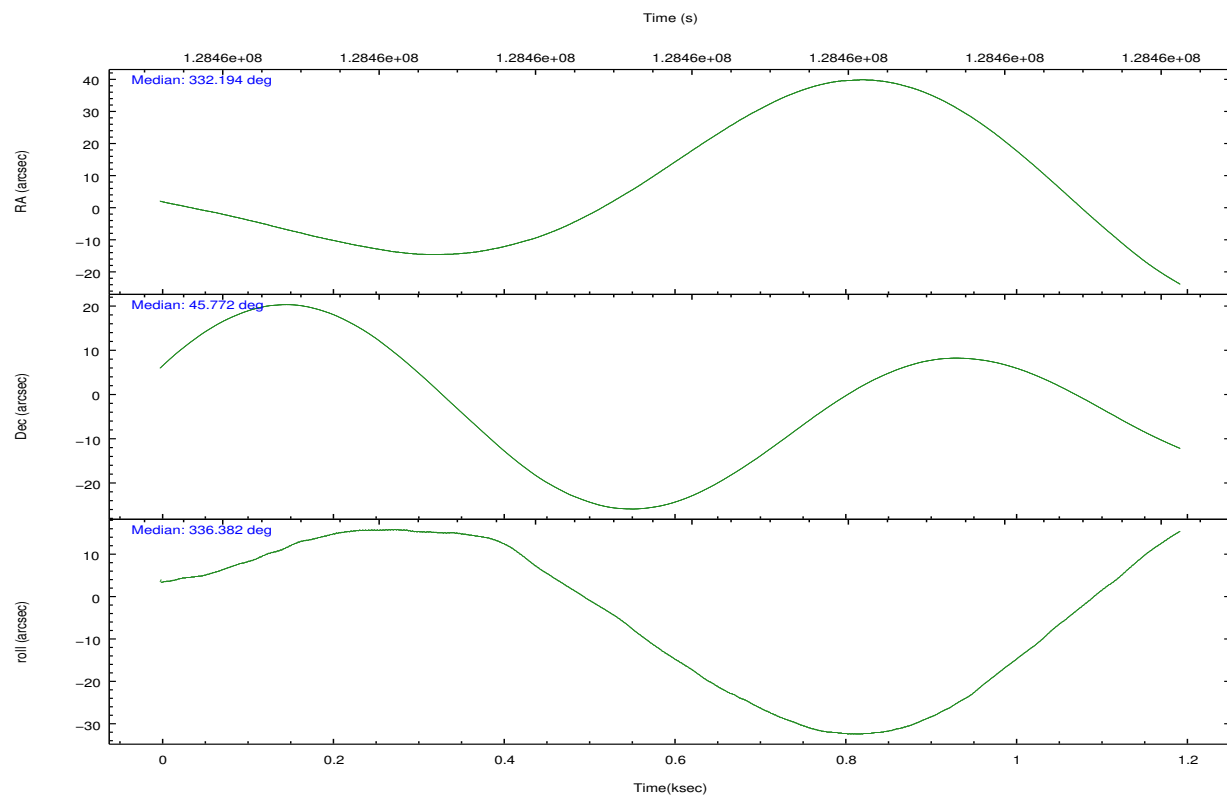
	segment 1	segment 2	segment 3
level 1 events	2591	112907	2215
rejected events	2591	28709	2215
rejected %	100%	25%	100%

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	332.154781	332.1954121040156			
[deg] Pointing Dec	45.766251	45.77176553090965			
[deg] Pointing Roll	336.351346	336.3895774818922			
[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)	128463167.184000	128462791.30165			
Observation start date	2002-01-26T20:11:43	2002-01-26T20:06:31			
[s] Observation end time (MET)	128464167.184000	128464301.12671			
Observation end date	2002-01-26T20:28:23	2002-01-26T20:31:41			

2.3 Aspect



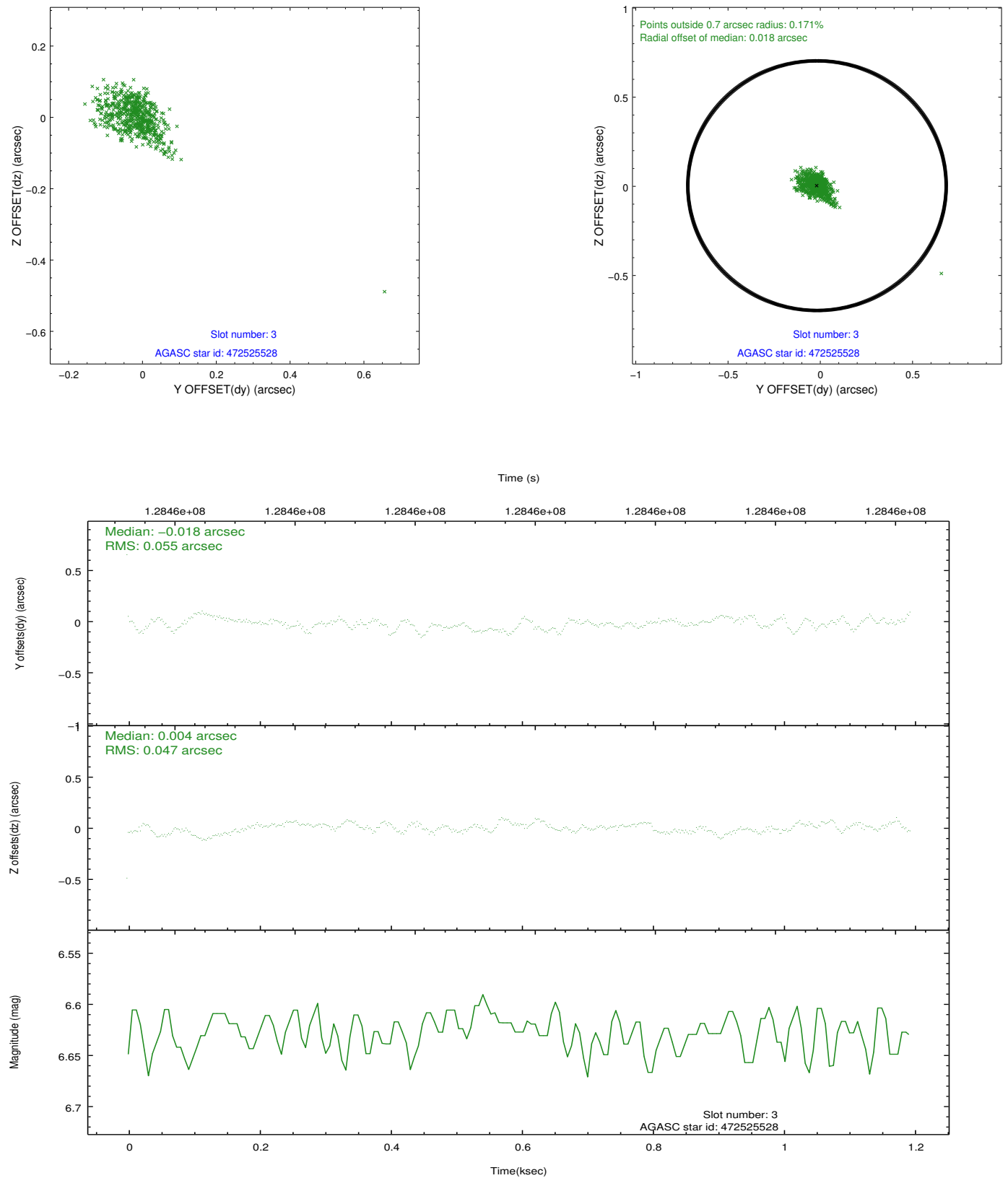


Slot Statistics

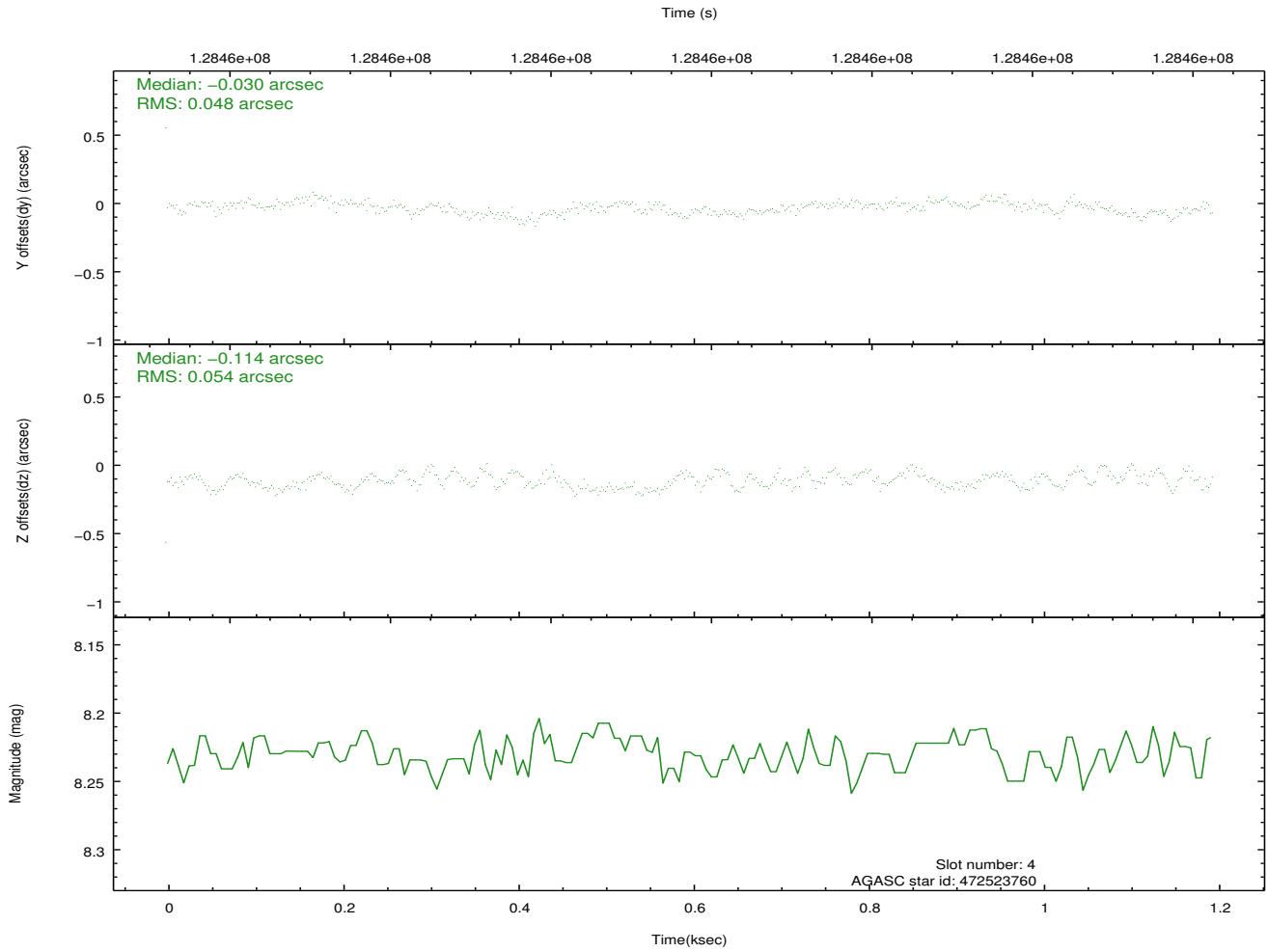
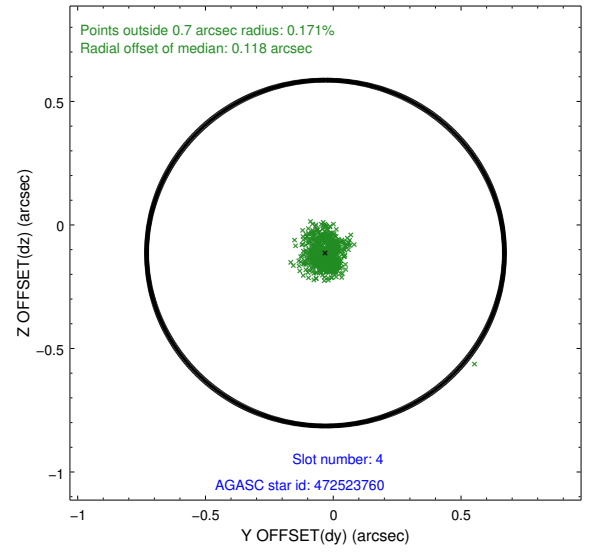
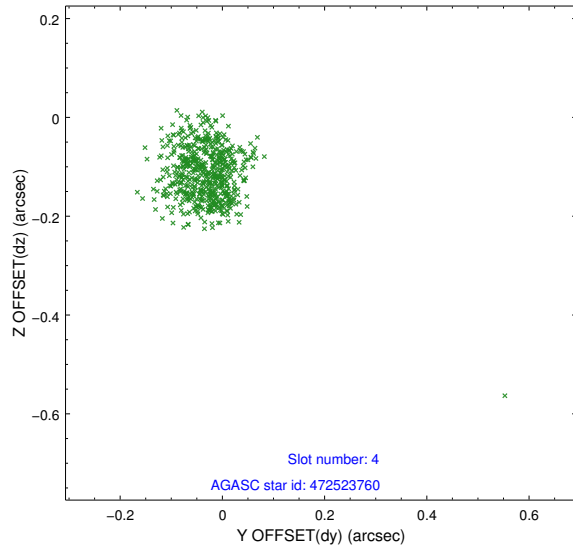
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	292	0.154	-0.085	0.006	0.010	0.000000	0.000000	-1157.64	-456.14
1	FID	HRC-S-2	6.99	292	0.076	-0.088	0.004	0.009	0.000000	0.000000	1238.00	-450.31
2	FID	HRC-S-3	7.01	292	0.160	-0.129	0.006	0.010	0.000000	0.000000	-1156.13	571.81
3	GUIDE	472525528	6.63	584	-0.018	0.004	0.066	0.115	331.551102	45.248694	-655.49	-2319.06
4	GUIDE	472523760	8.23	584	-0.030	-0.114	0.072	0.109	331.645363	45.403260	-657.18	-1717.74
5	GUIDE	472665256	9.01	581	-0.046	-0.009	0.102	0.161	332.808125	46.195041	868.65	2066.58
6	GUIDE	472659832	9.47	584	0.100	0.130	0.112	0.188	332.780399	46.098139	950.90	1726.59
7	GUIDE	472654568	9.44	582	0.008	-0.008	0.118	0.193	332.194449	45.063576	1109.80	-2277.37

2.4 Star Slots

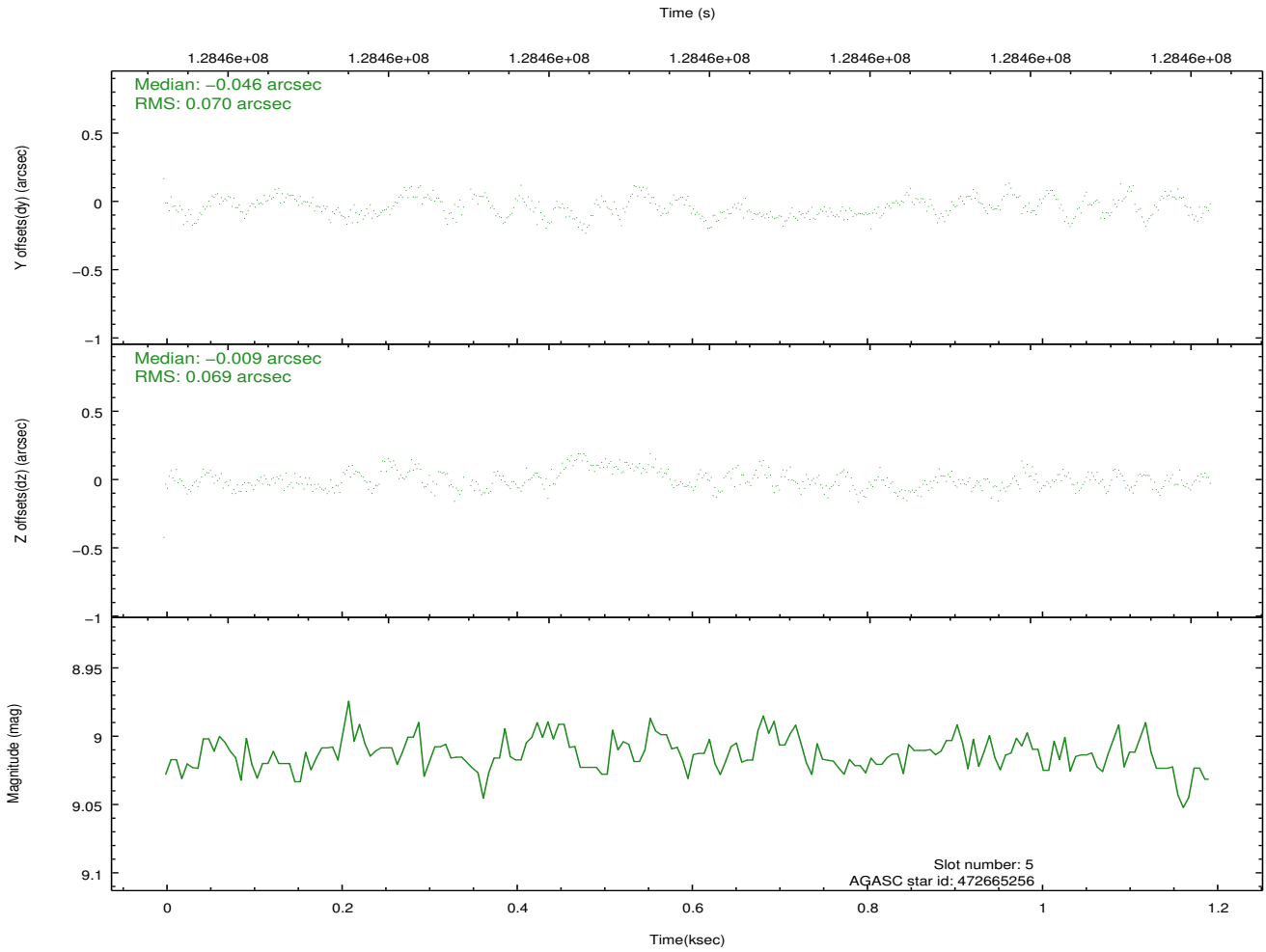
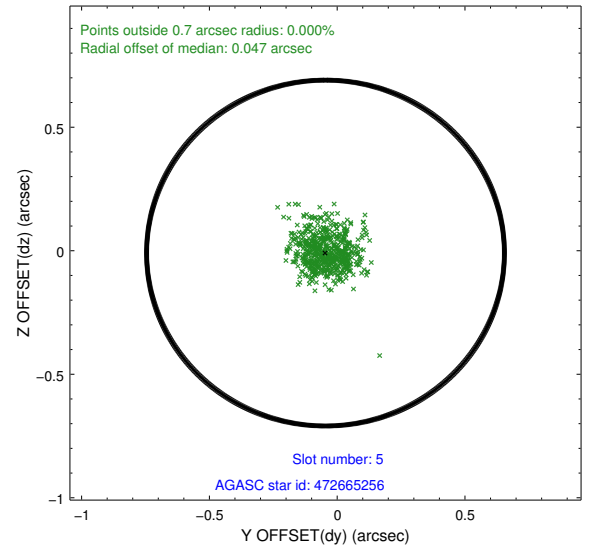
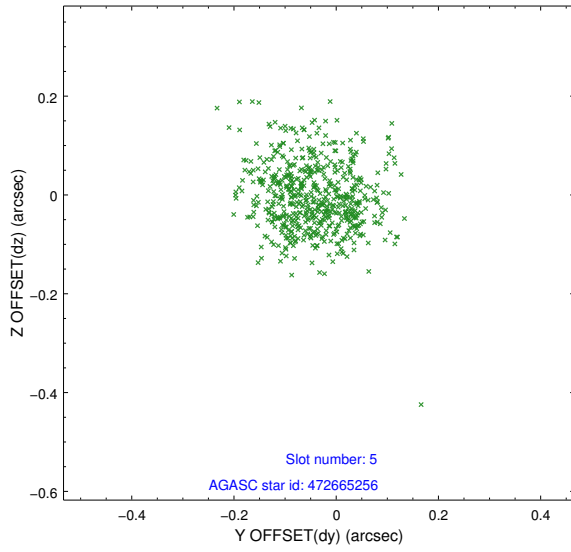
2.4.1 Slot 3



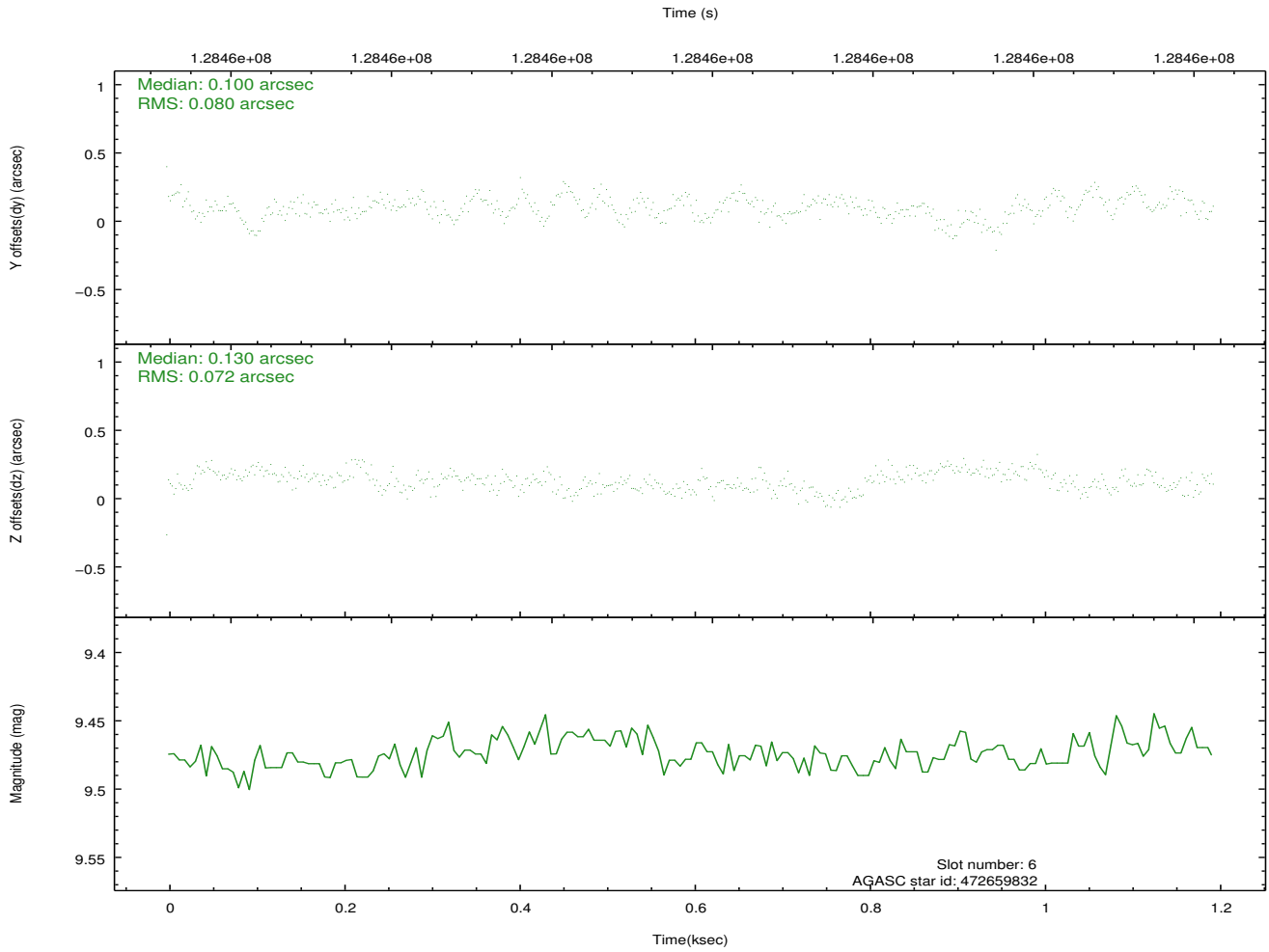
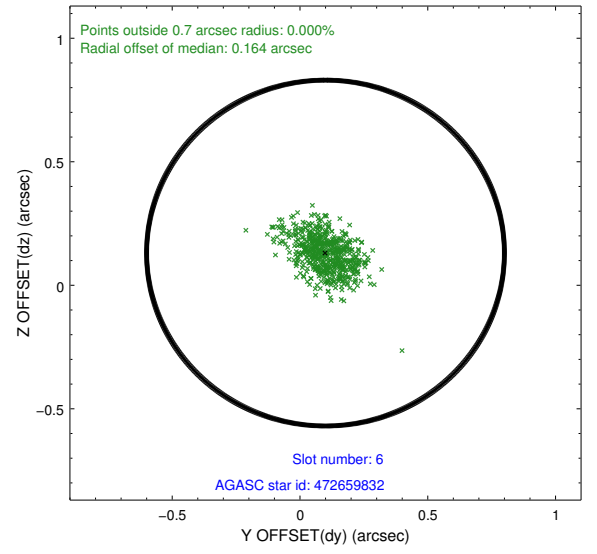
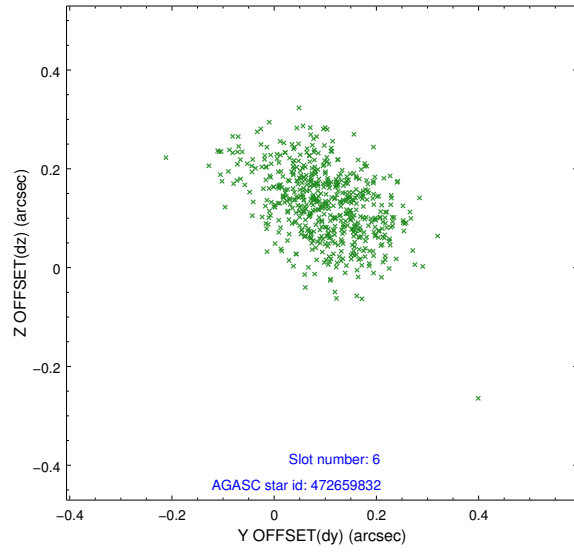
2.4.2 Slot 4



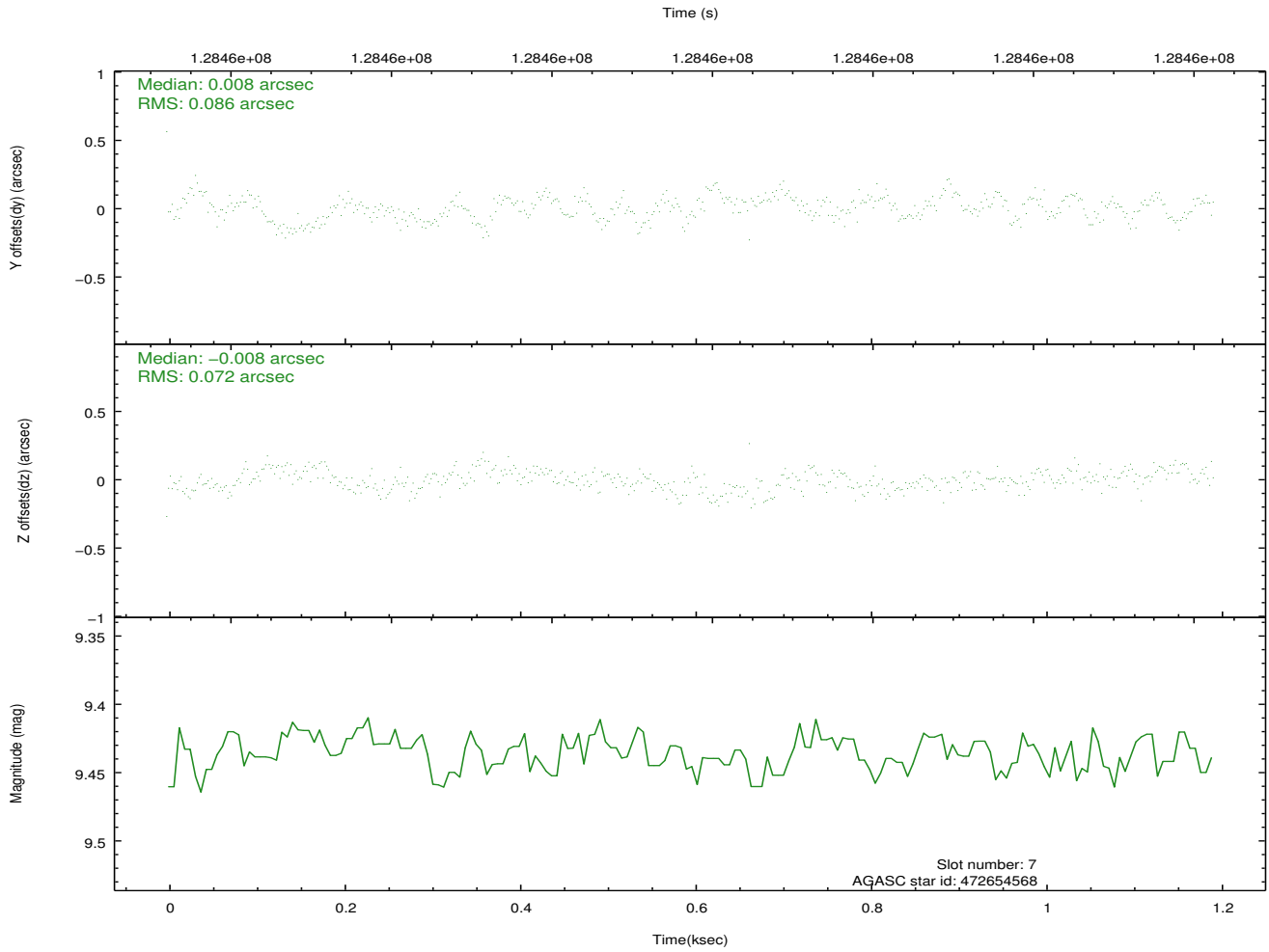
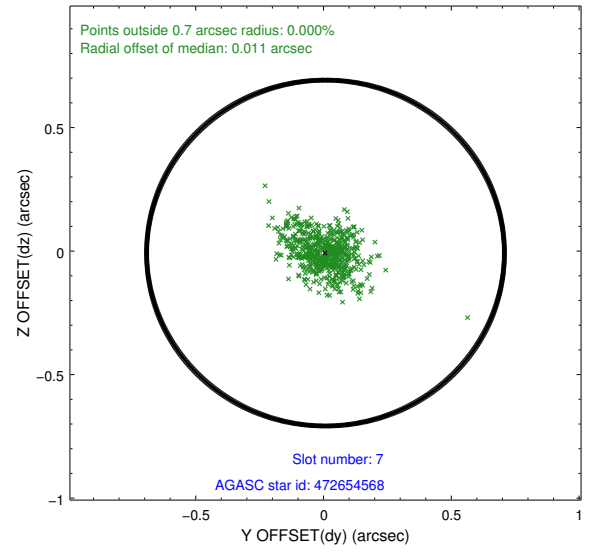
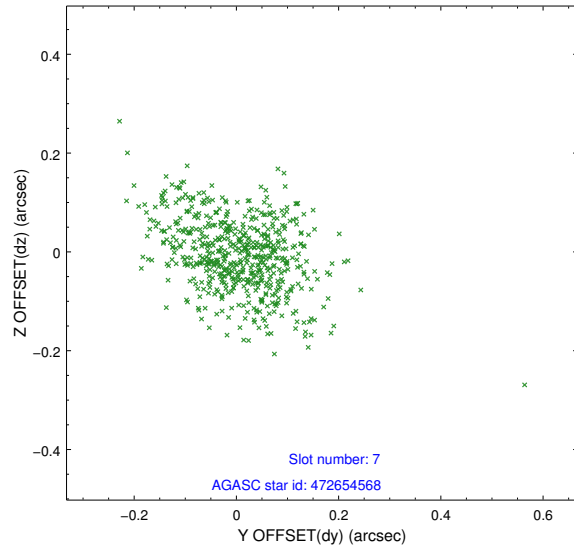
2.4.3 Slot 5



2.4.4 Slot 6

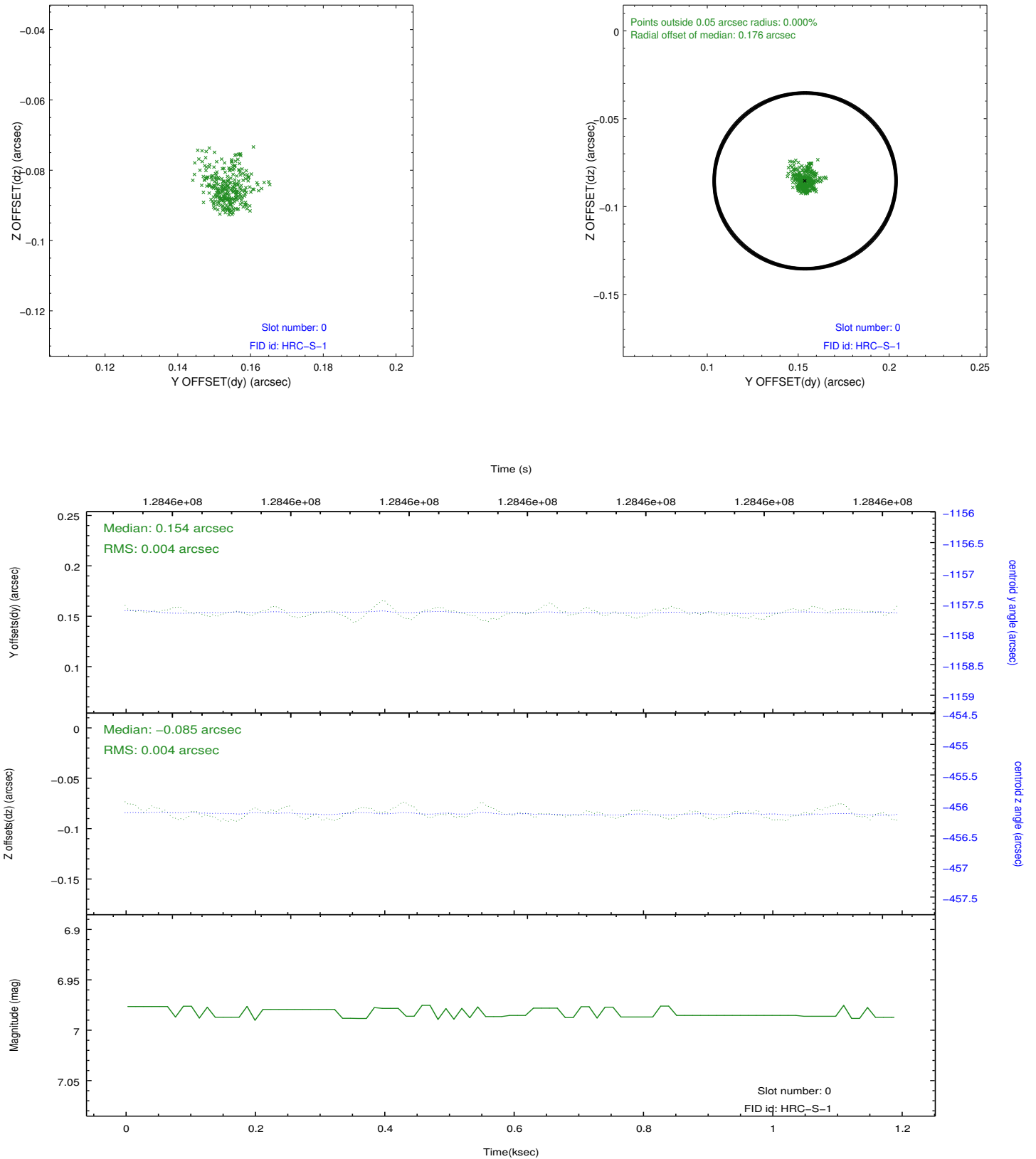


2.4.5 Slot 7

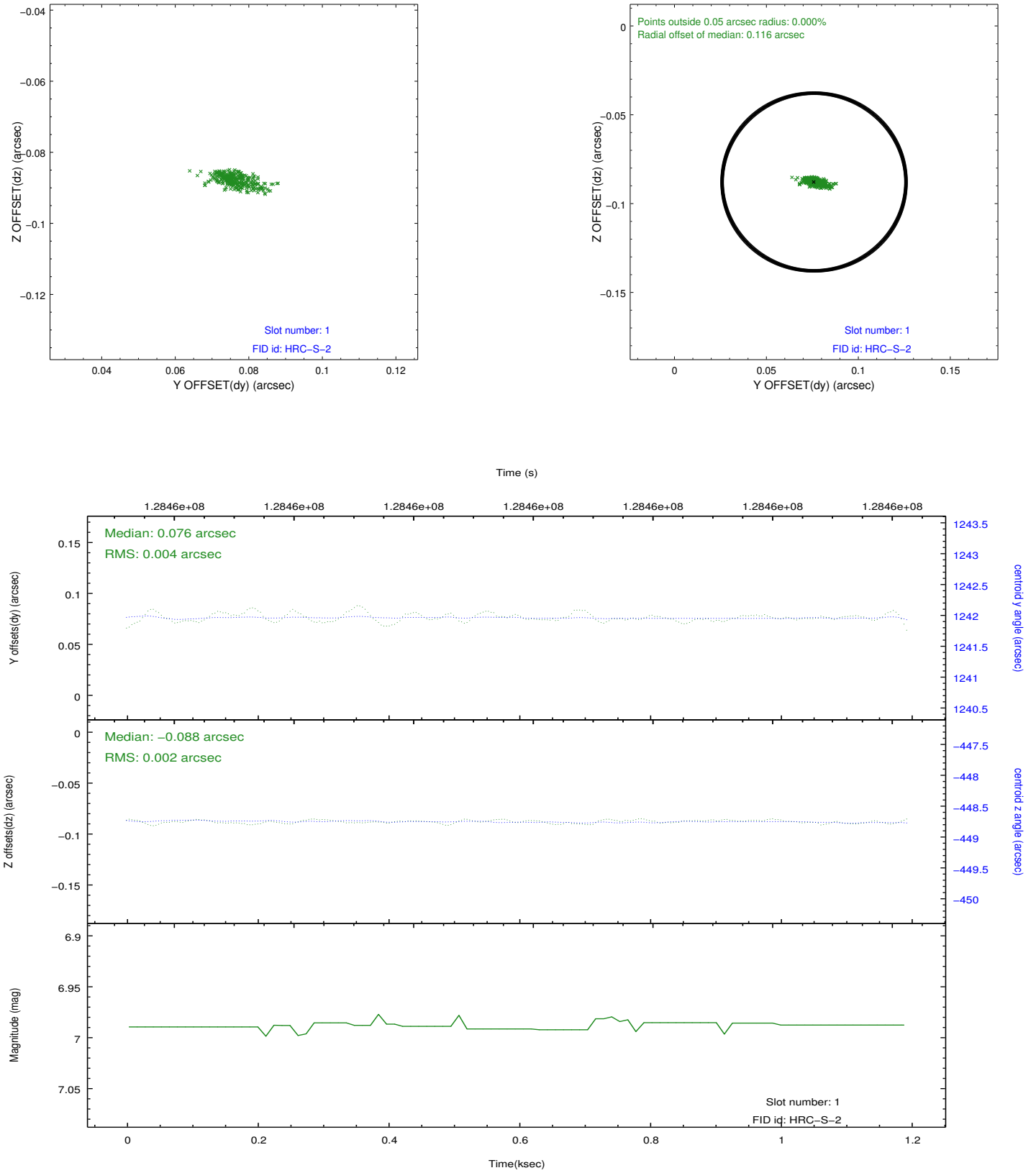


2.5 FID Slots

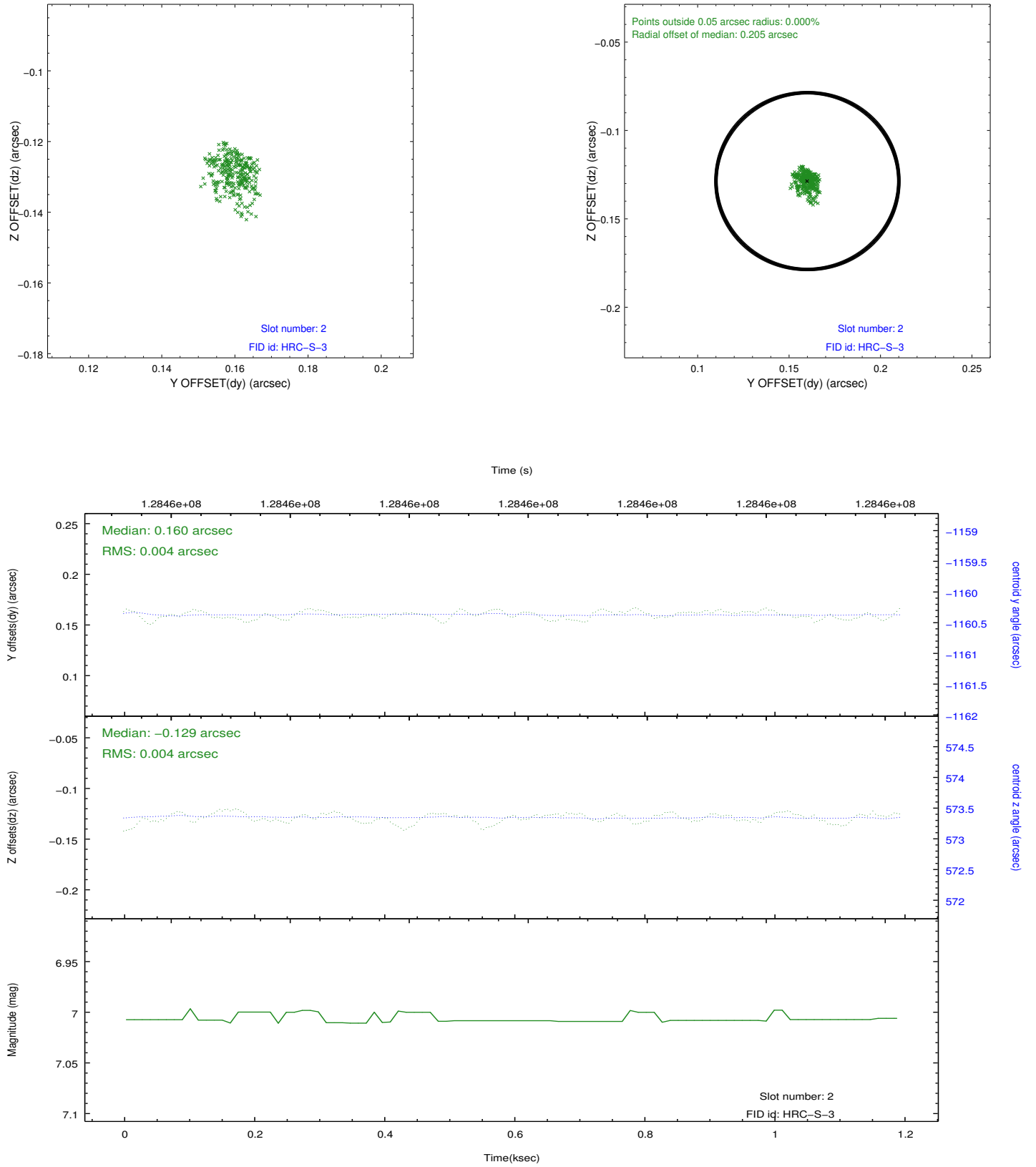
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments

Charge time for this ObsId remains at previous value of 1.194 ks although with the current processing the charge time would have been 1.14 ksec.