

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2638 - L2 Version 3
Chandra X-Ray Center

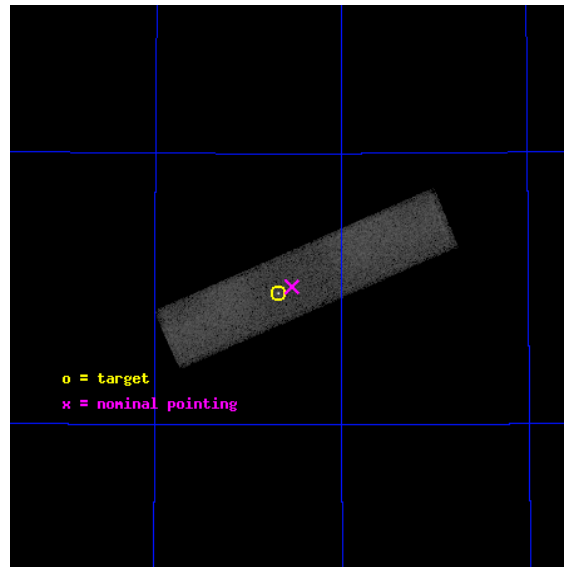
L2 Processing Date : Oct 1 2012

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1 Front

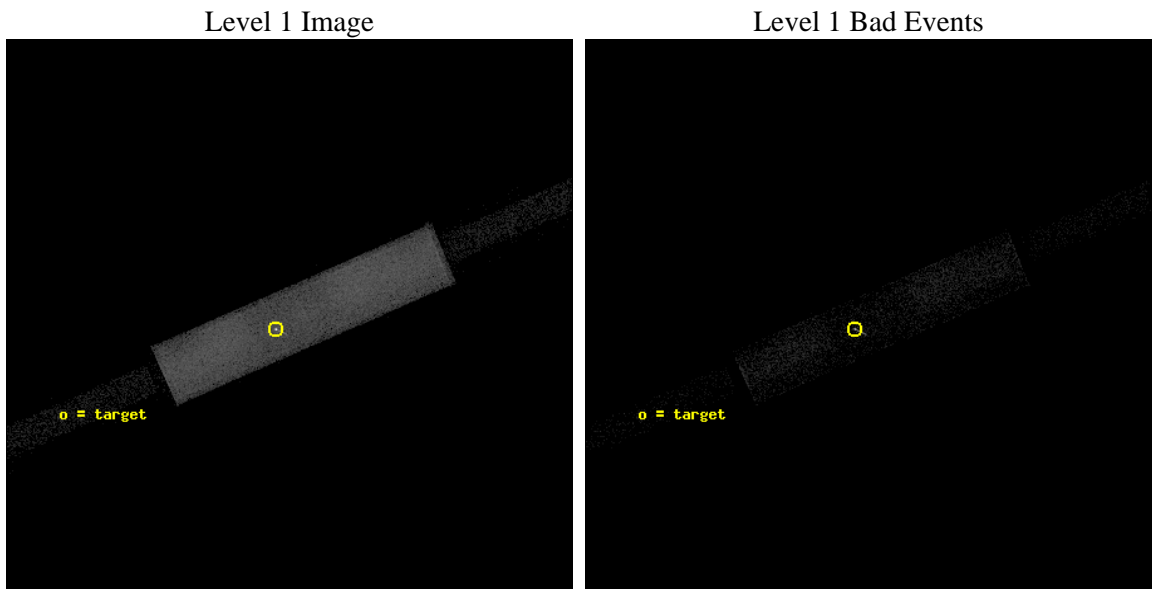
seq_num	290194	Sequence number
obs_id	2638	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13343497953	Nominal RA [deg]
dec_nom	45.754135984686	Nominal Dec [deg]
roll_nom	336.43063941049	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1143.1312960684	[s]
livetime	1127.4964576948	Ontime multiplied by DTCOR
l2events	73548	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	1143.1312960684	[s]
caldsver	4.5.2	 	l1events	124215	Number of level 1 events
date	2012-10-01T03:03:32	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

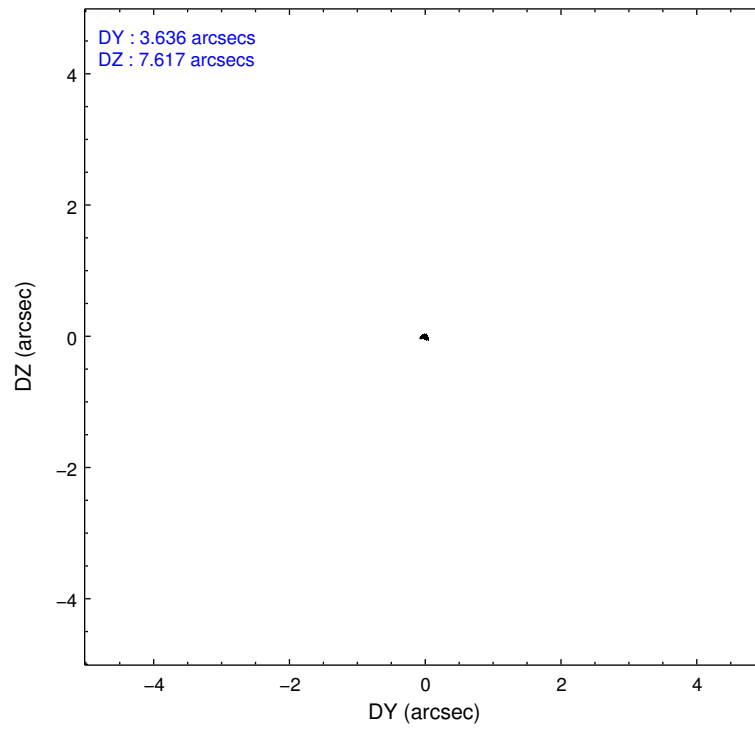
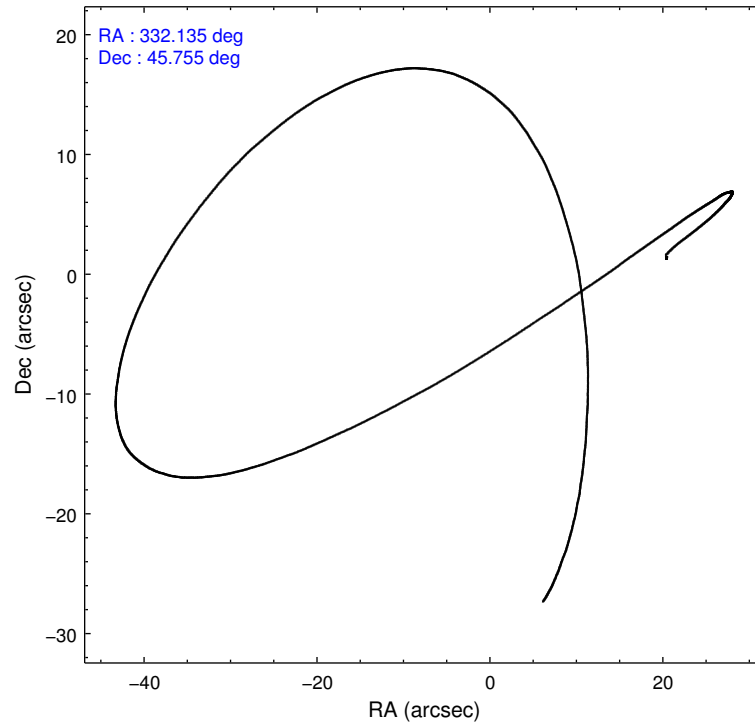
Level 1 Events

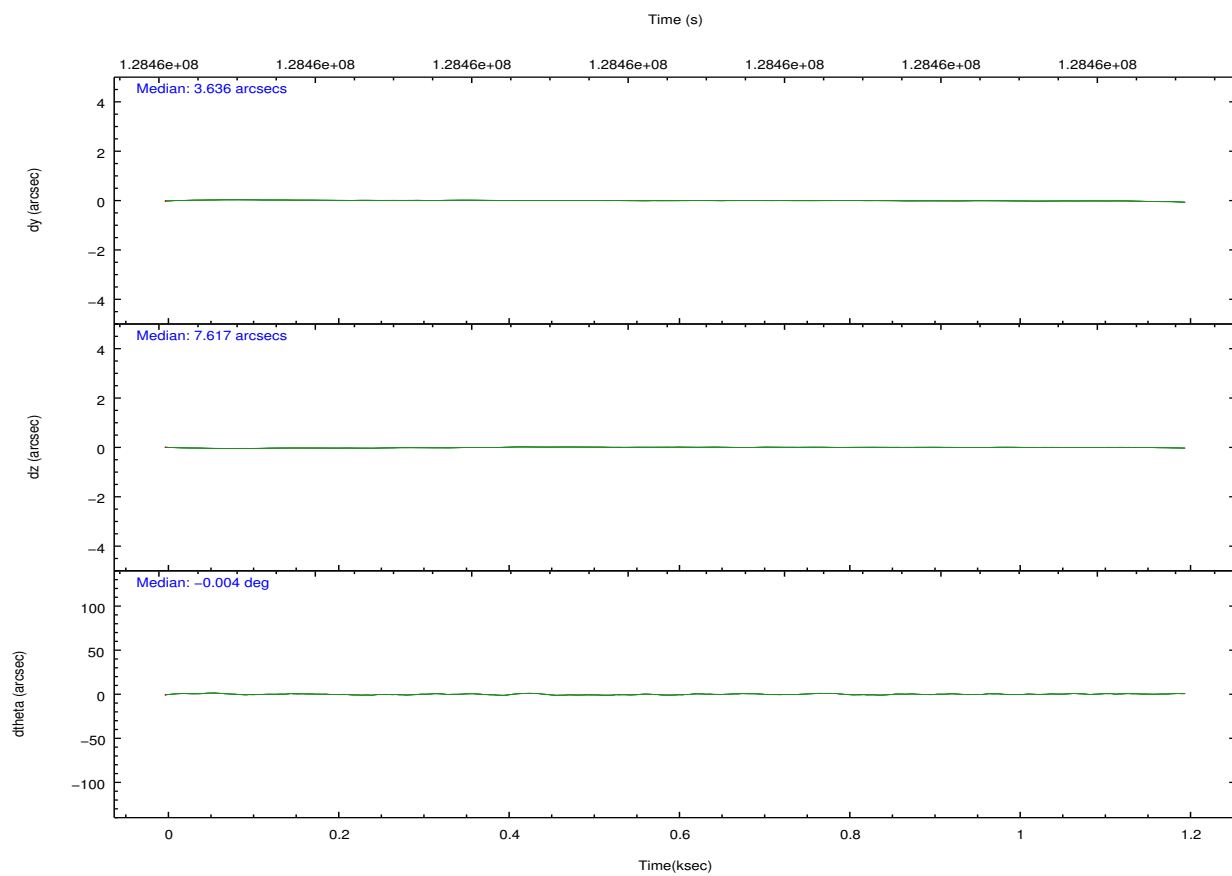
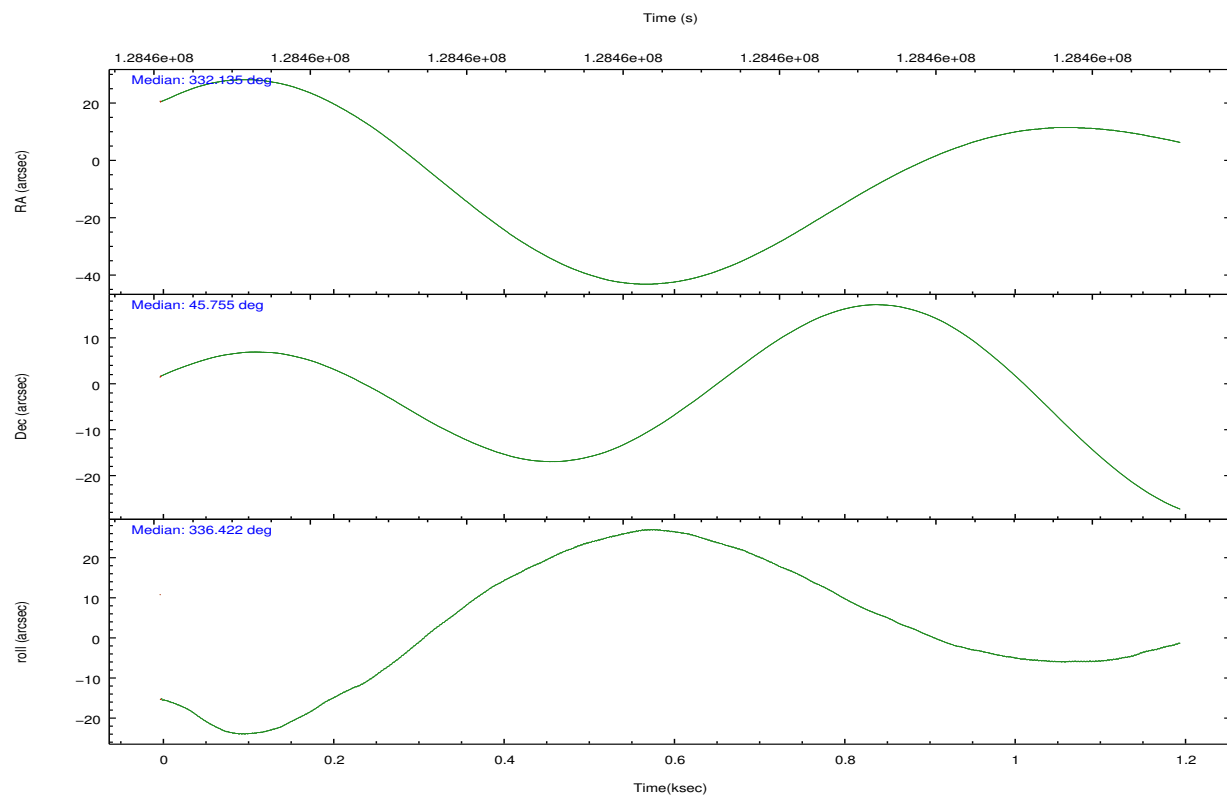
	segment 1	segment 2	segment 3
level 1 events	3799	117323	3093
rejected events	3799	33493	3093
rejected %	100%	28%	100%

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	332.091865	332.1334349795259			
[deg] Pointing Dec	45.749061	45.75413598468554			
[deg] Pointing Roll	336.393126	336.4306394104926			
[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)	128461657.184000	128461281.47659			
Observation start date	2002-01-26T19:46:33	2002-01-26T19:41:21			
[s] Observation end time (MET)	128462657.184000	128462791.30165			
Observation end date	2002-01-26T20:03:13	2002-01-26T20:06:31			

2.3 Aspect



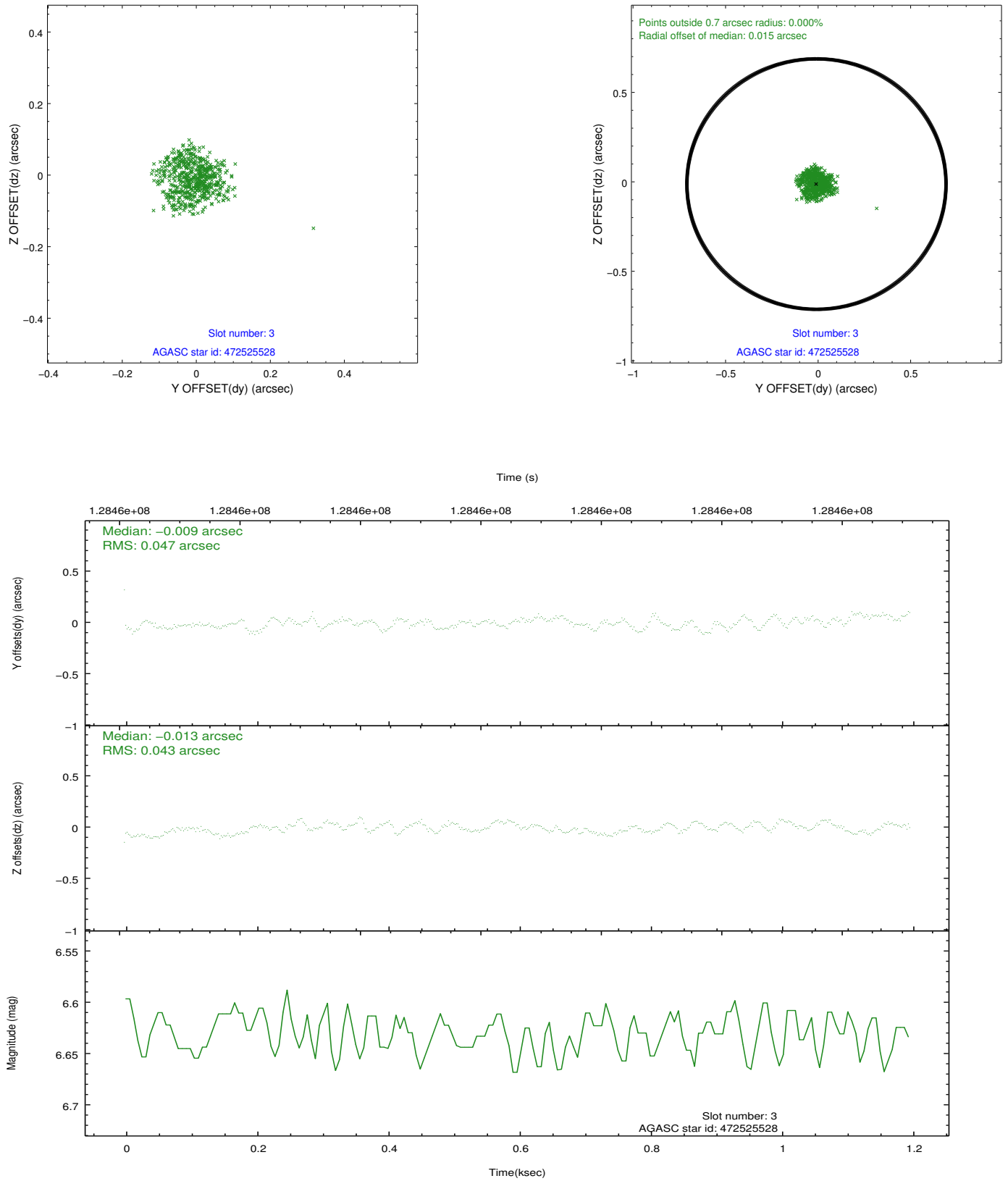


Slot Statistics

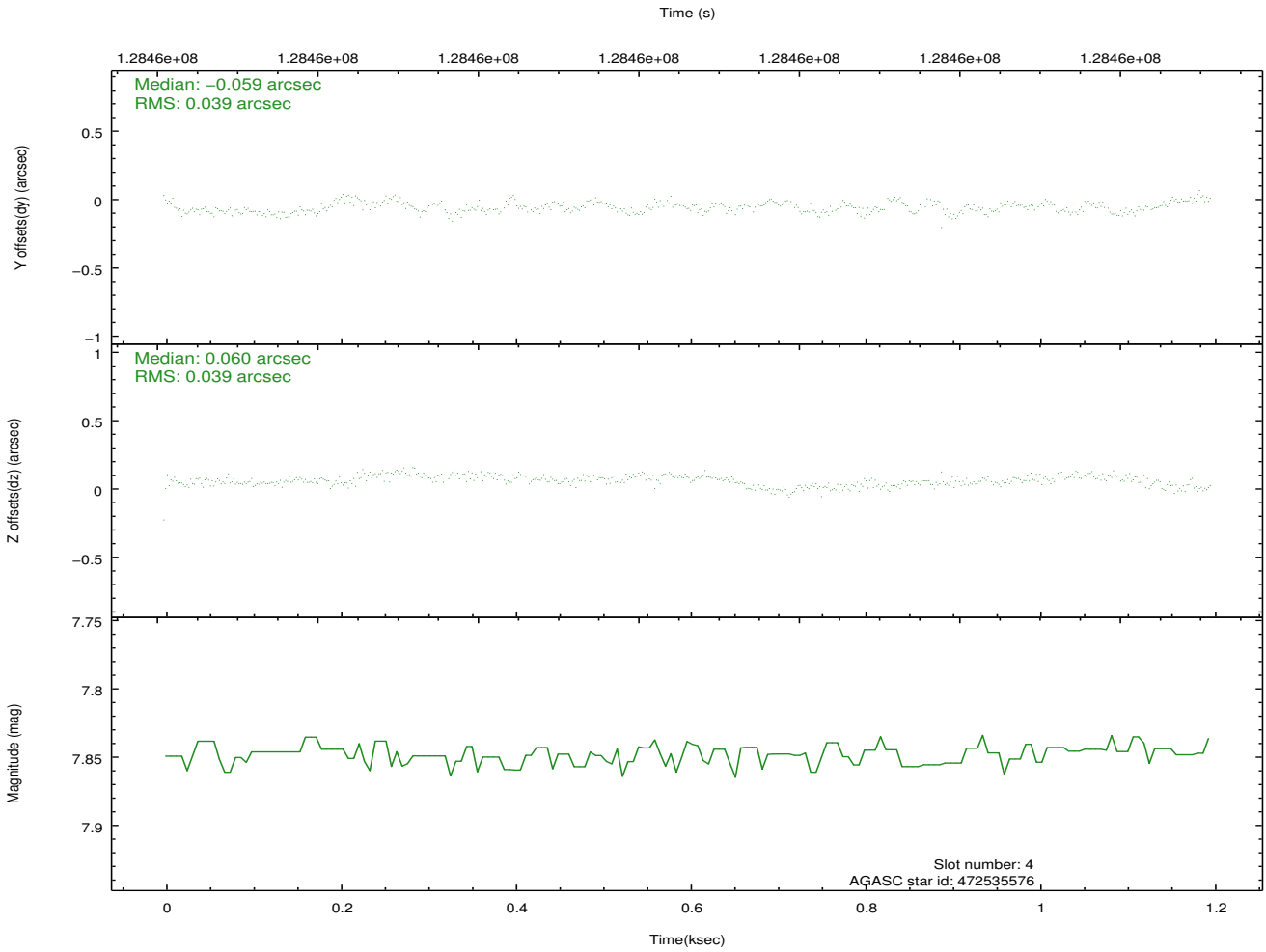
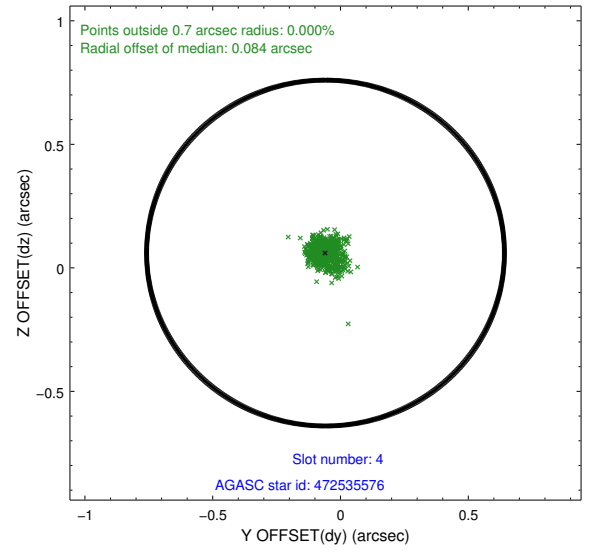
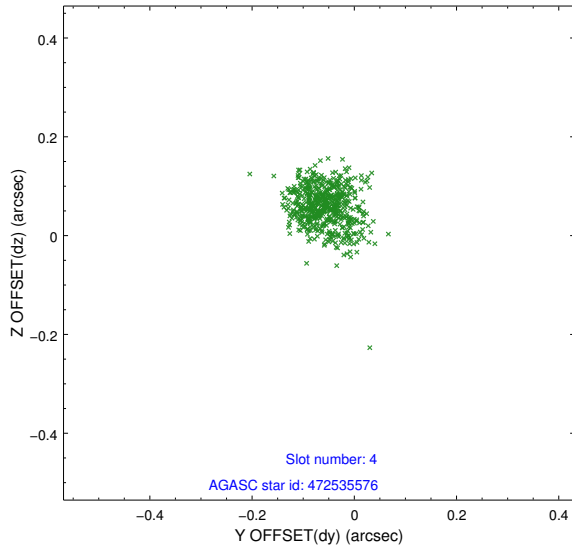
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	293	0.153	-0.085	0.008	0.012	0.000000	0.000000	-1157.67	-456.16
1	FID	HRC-S-2	6.99	293	0.077	-0.088	0.005	0.009	0.000000	0.000000	1237.99	-450.33
2	FID	HRC-S-3	7.00	293	0.160	-0.129	0.006	0.012	0.000000	0.000000	-1156.17	571.79
3	GUIDE	472525528	6.63	585	-0.009	-0.013	0.071	0.100	331.551102	45.248694	-538.38	-2198.35
4	GUIDE	472535576	7.85	585	-0.059	0.060	0.058	0.092	331.438373	46.291802	-2278.11	1138.45
5	GUIDE	472523760	8.23	585	-0.047	-0.105	0.065	0.107	331.645363	45.403260	-542.89	-1591.09
6	GUIDE	472659832	9.46	585	0.052	0.077	0.122	0.206	332.780399	46.098139	1065.36	1841.08
7	GUIDE	472654568	9.43	584	0.057	-0.002	0.119	0.207	332.194449	45.063576	1227.16	-2156.41

2.4 Star Slots

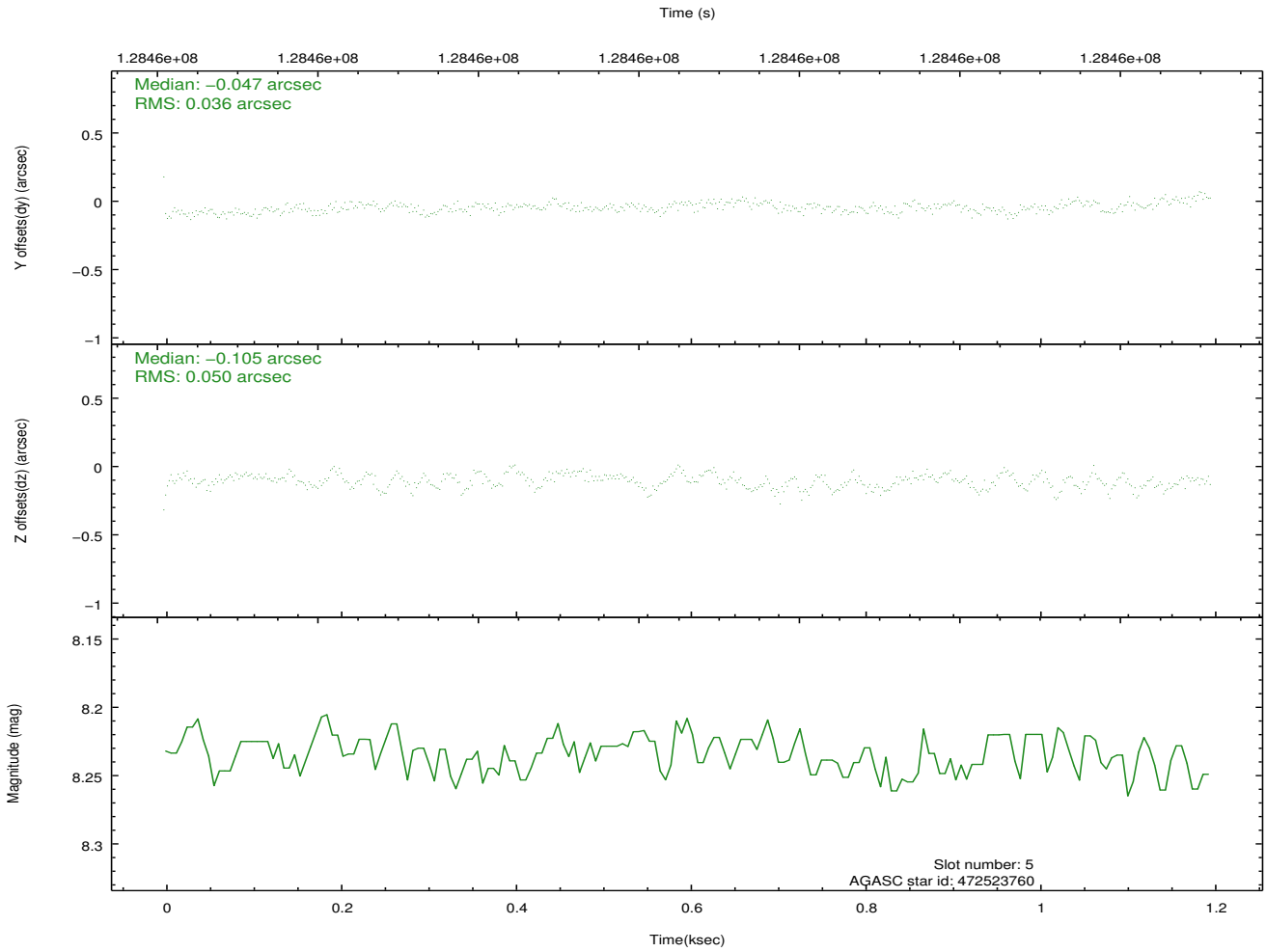
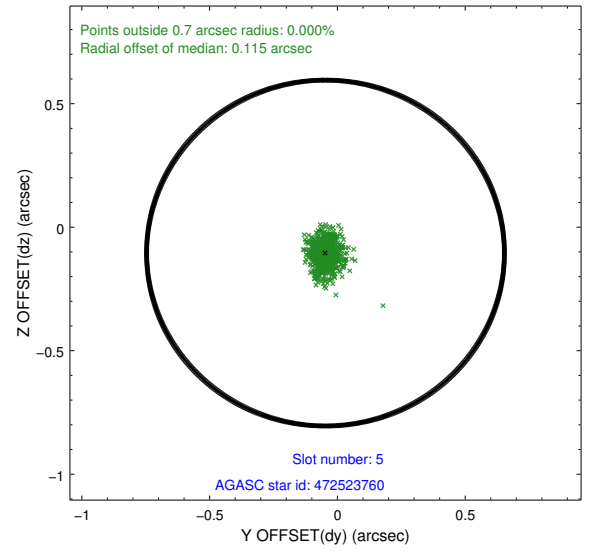
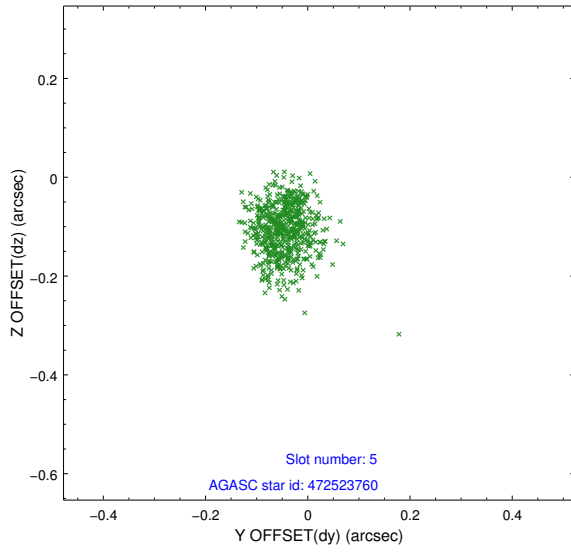
2.4.1 Slot 3



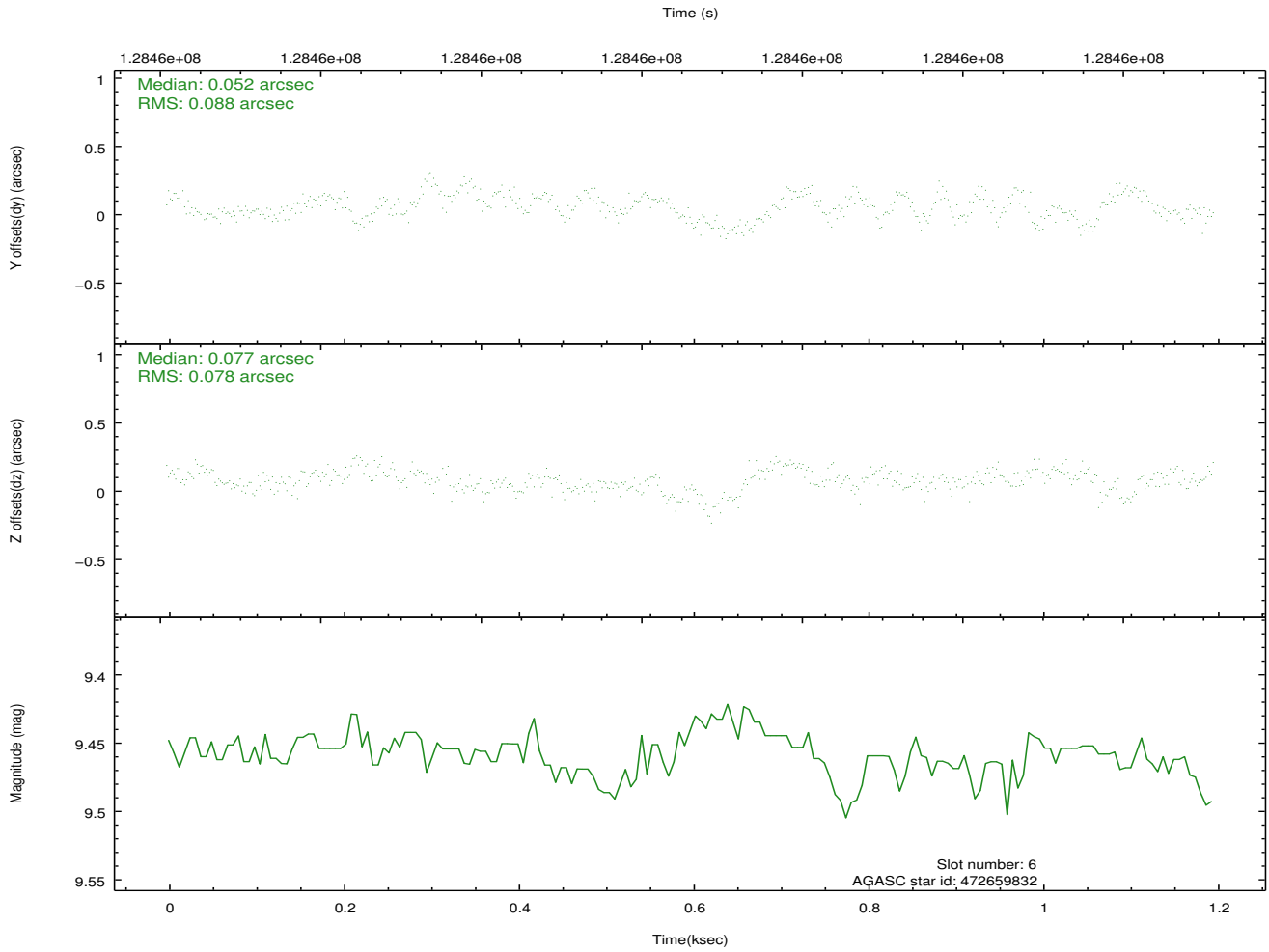
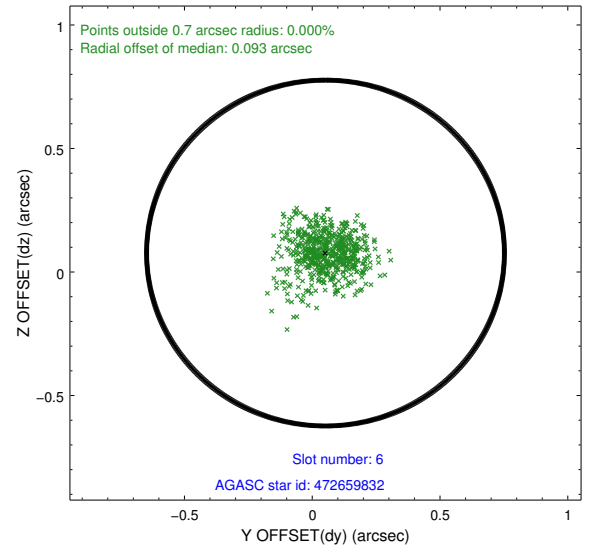
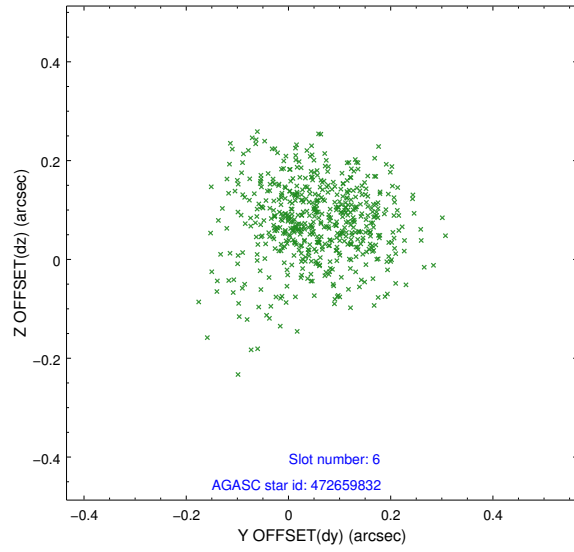
2.4.2 Slot 4



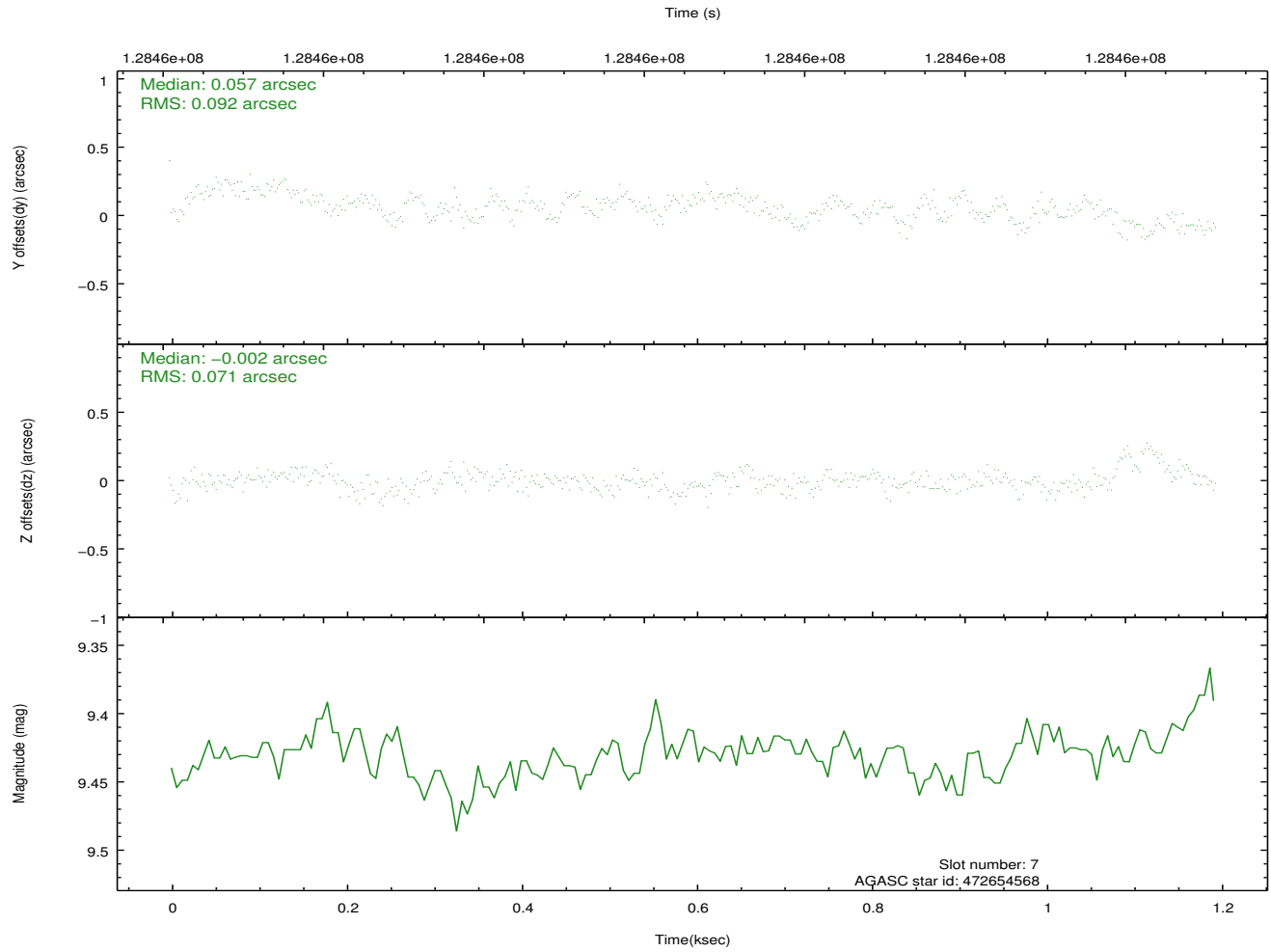
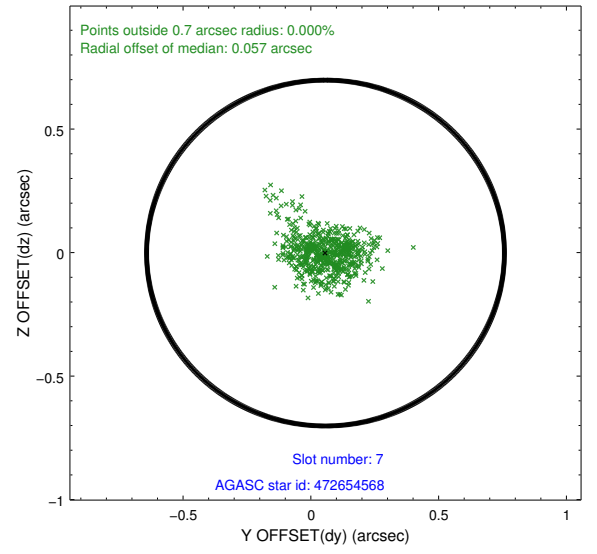
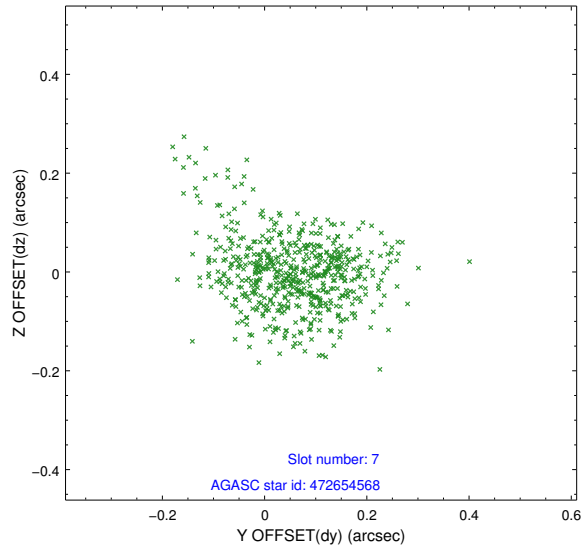
2.4.3 Slot 5



2.4.4 Slot 6

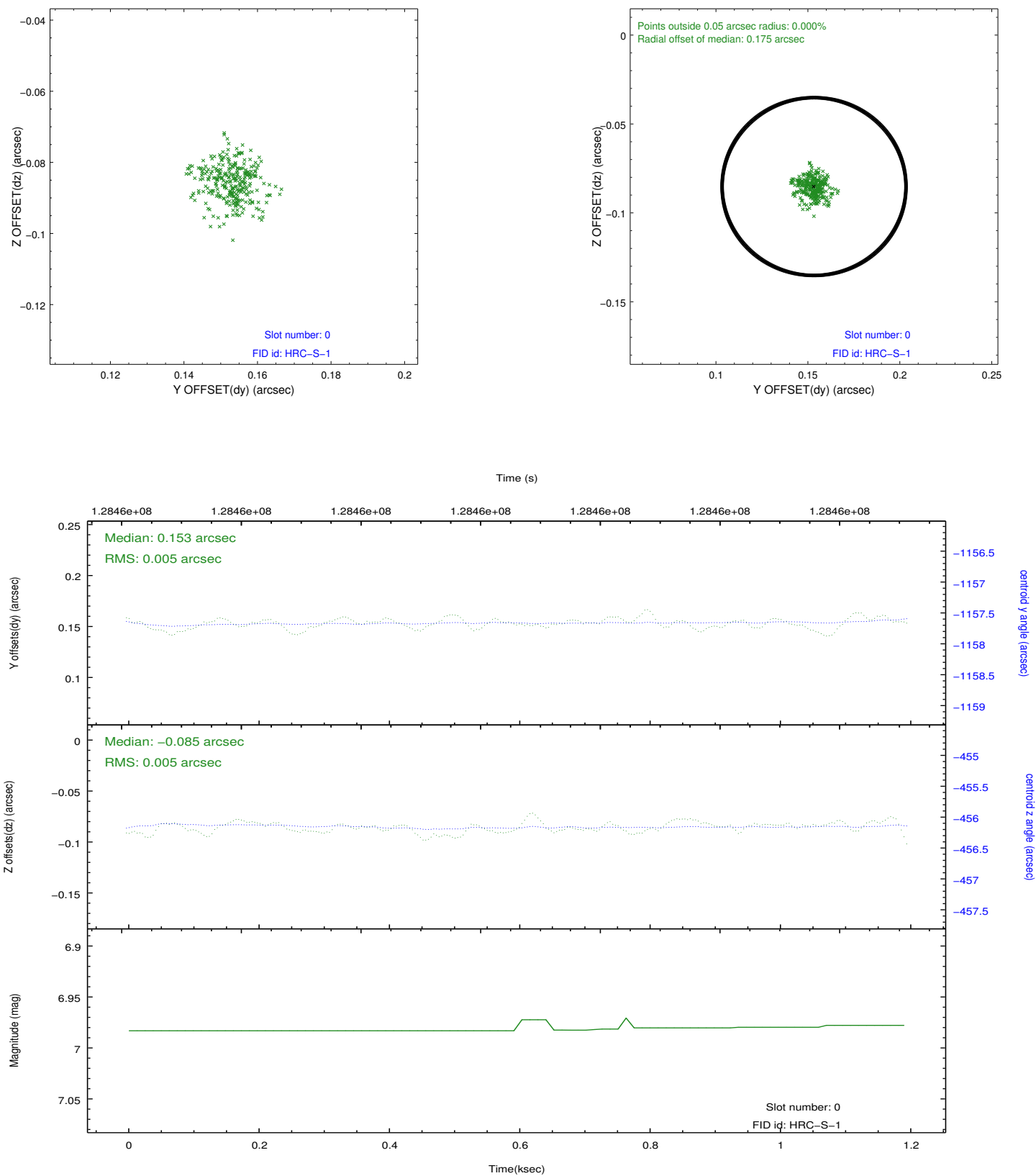


2.4.5 Slot 7

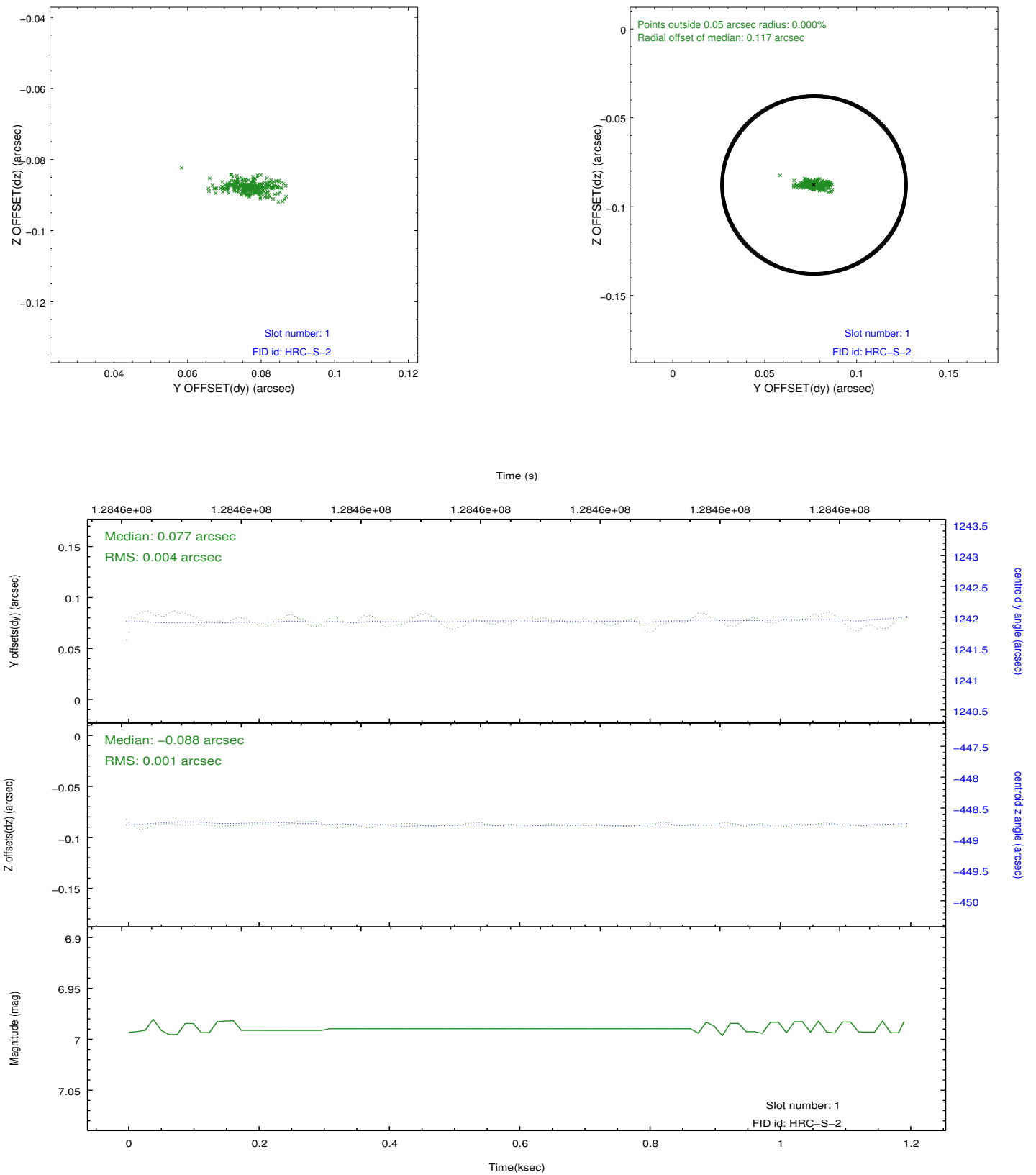


2.5 FID Slots

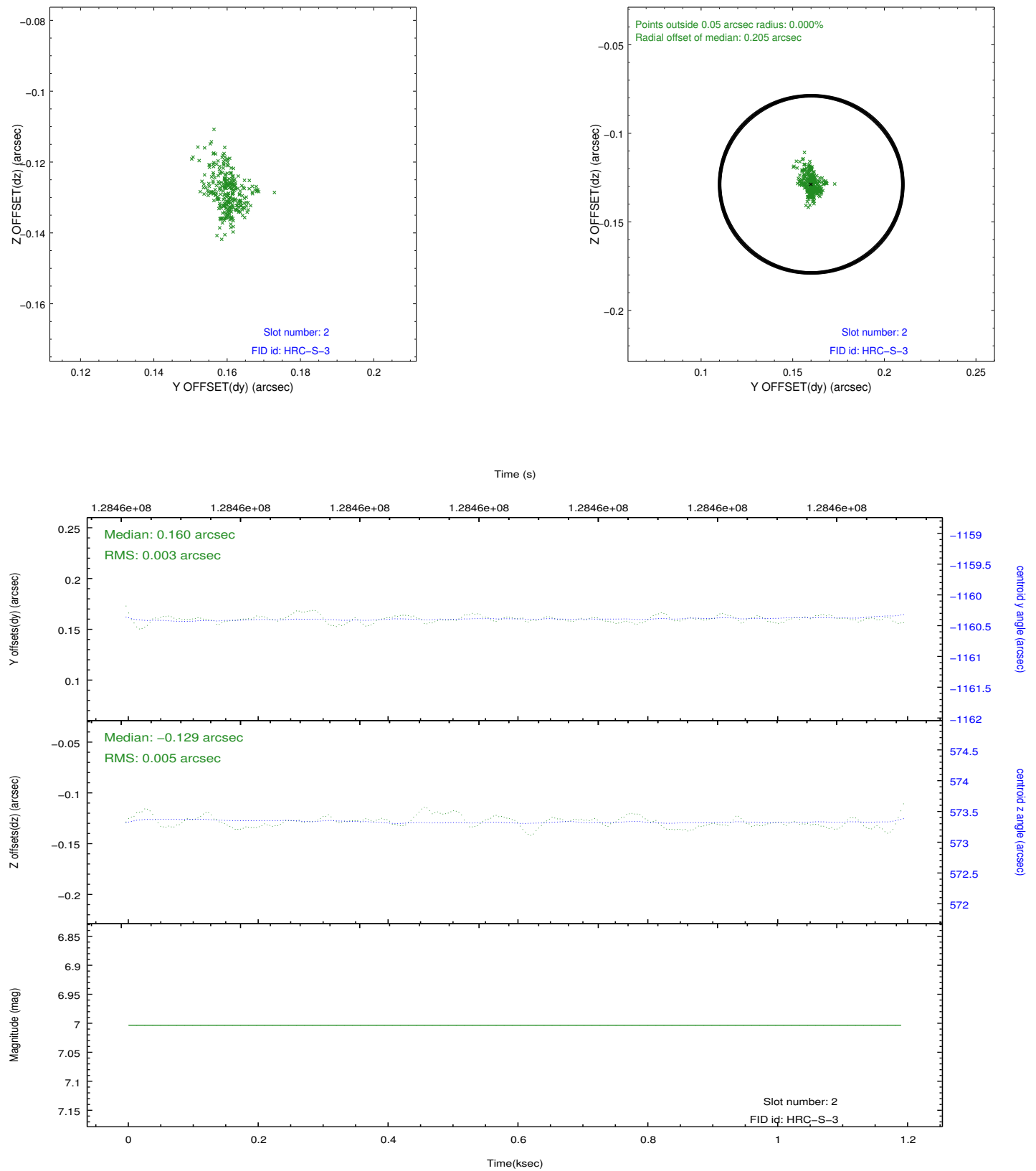
2.5.1 Slot 0



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	1.196

A.2 Comments

Charge time for this ObsId remains at previous value of 1.196 ks although with the current processing the charge time would have been 1.14 ksec.