

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2636 - L2 Version 3
Chandra X-Ray Center

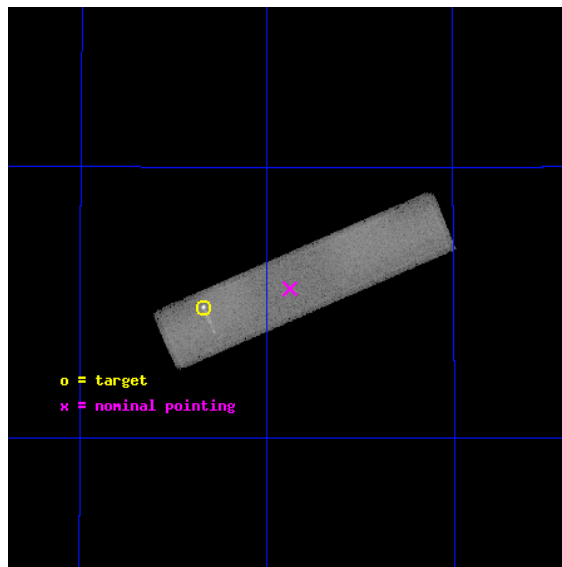
L2 Processing Date : Oct 1 2012

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1 Front

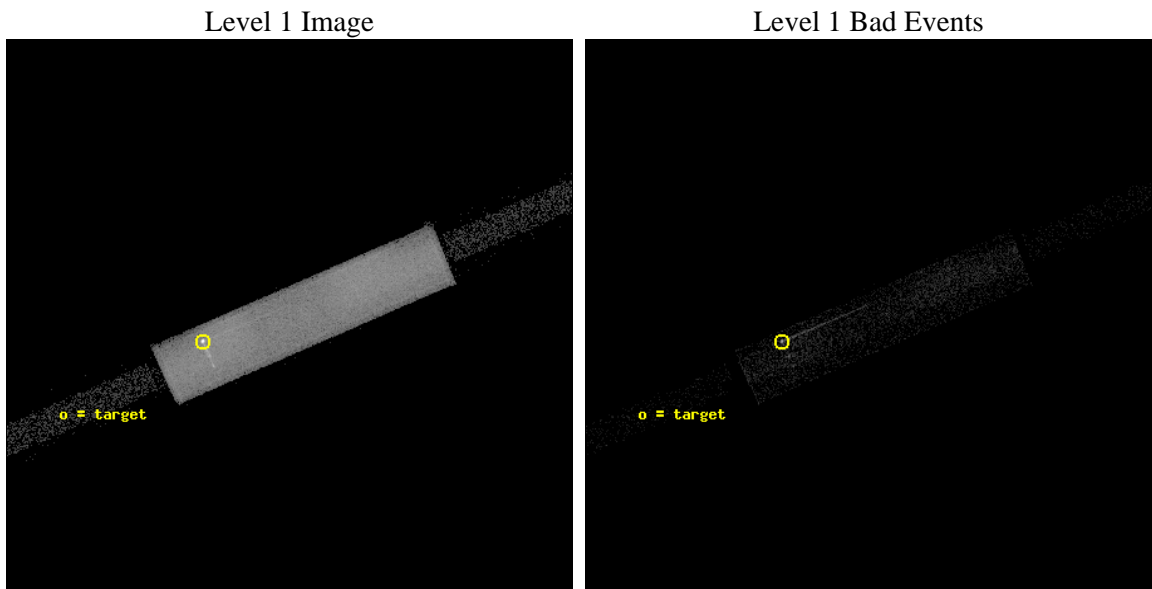
seq_num	290192	Sequence number
obs_id	2636	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.93849879613	Nominal RA [deg]
dec_nom	45.776560769985	Nominal Dec [deg]
roll_nom	336.59097183989	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1149.2812963128	[s]
livetime	1132.3920446214	Ontime multiplied by DTCOR
l2events	130238	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	1149.2812963128	[s]
caldsver	4.5.2	 	l1events	180711	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

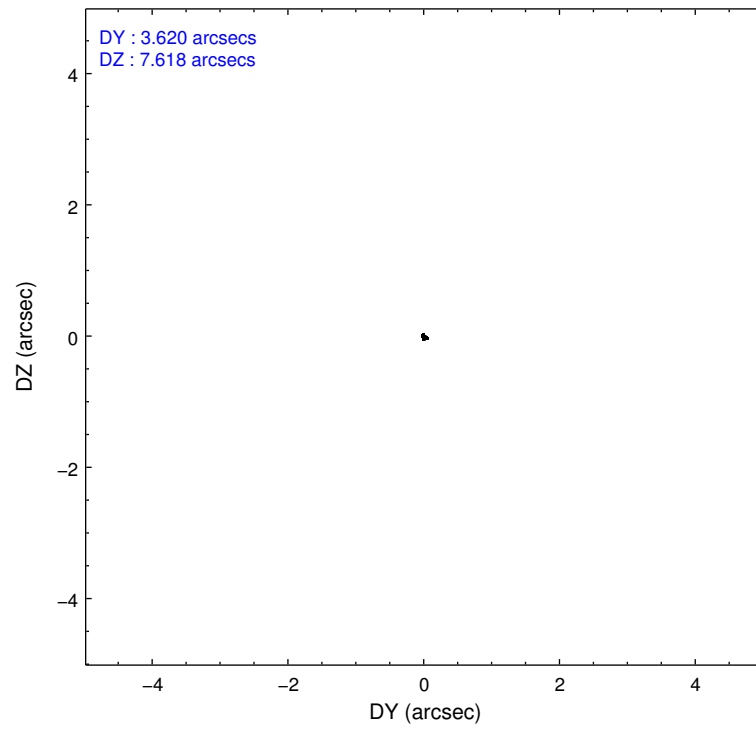
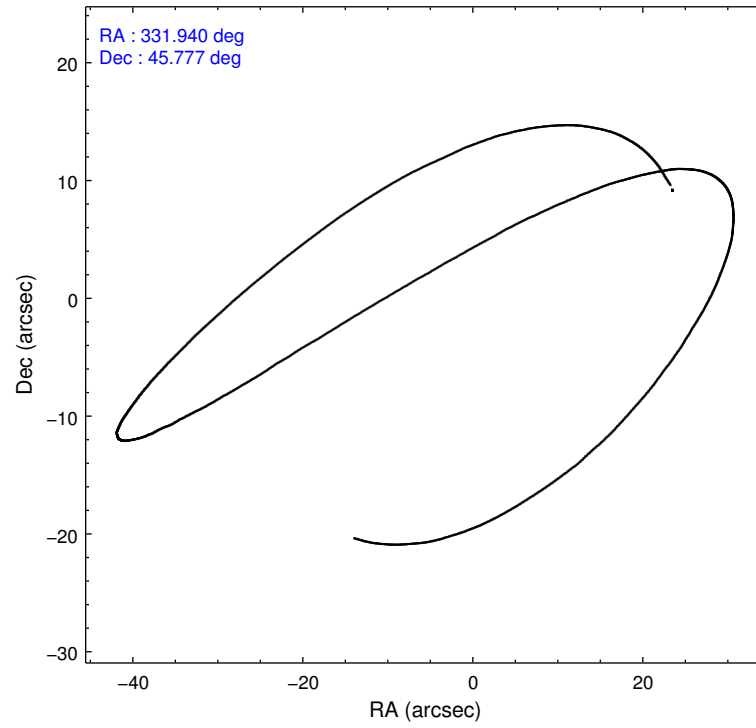
Level 1 Events

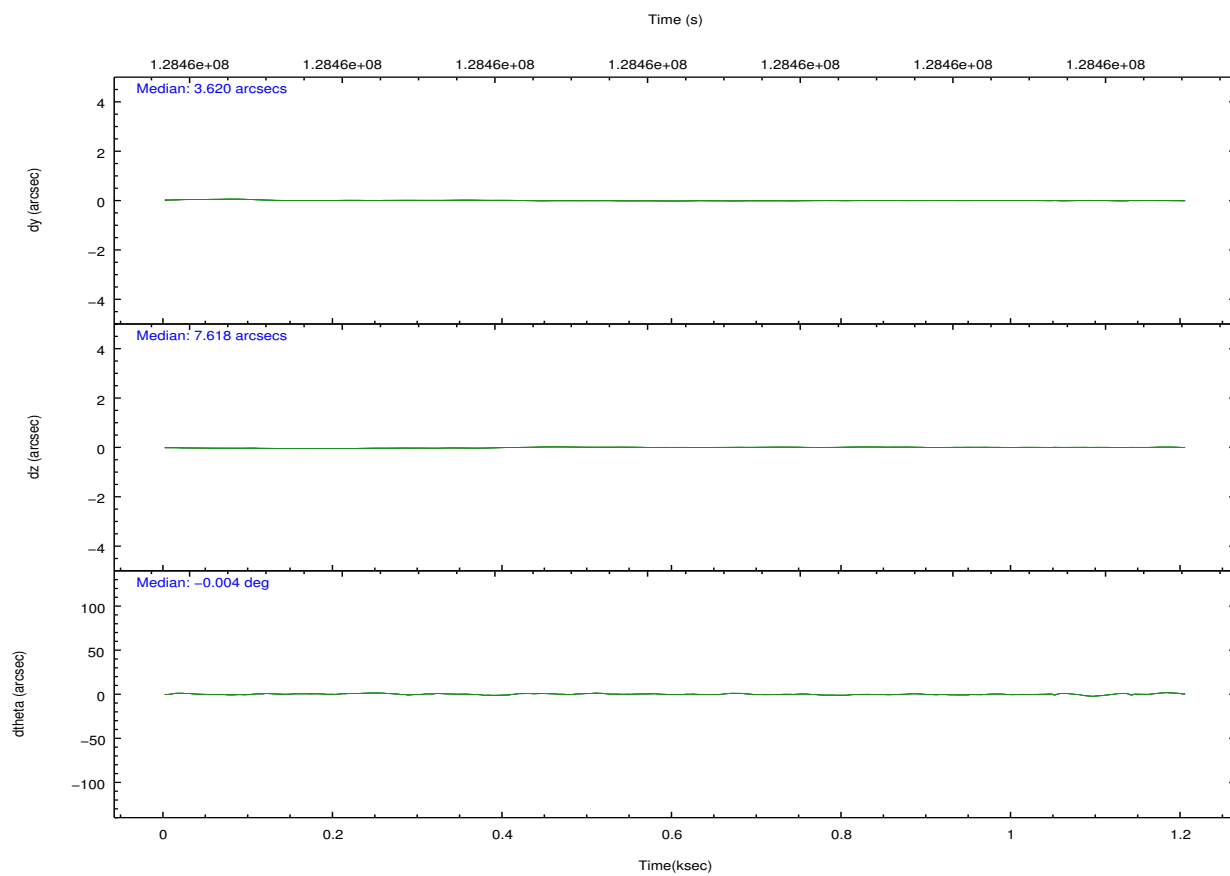
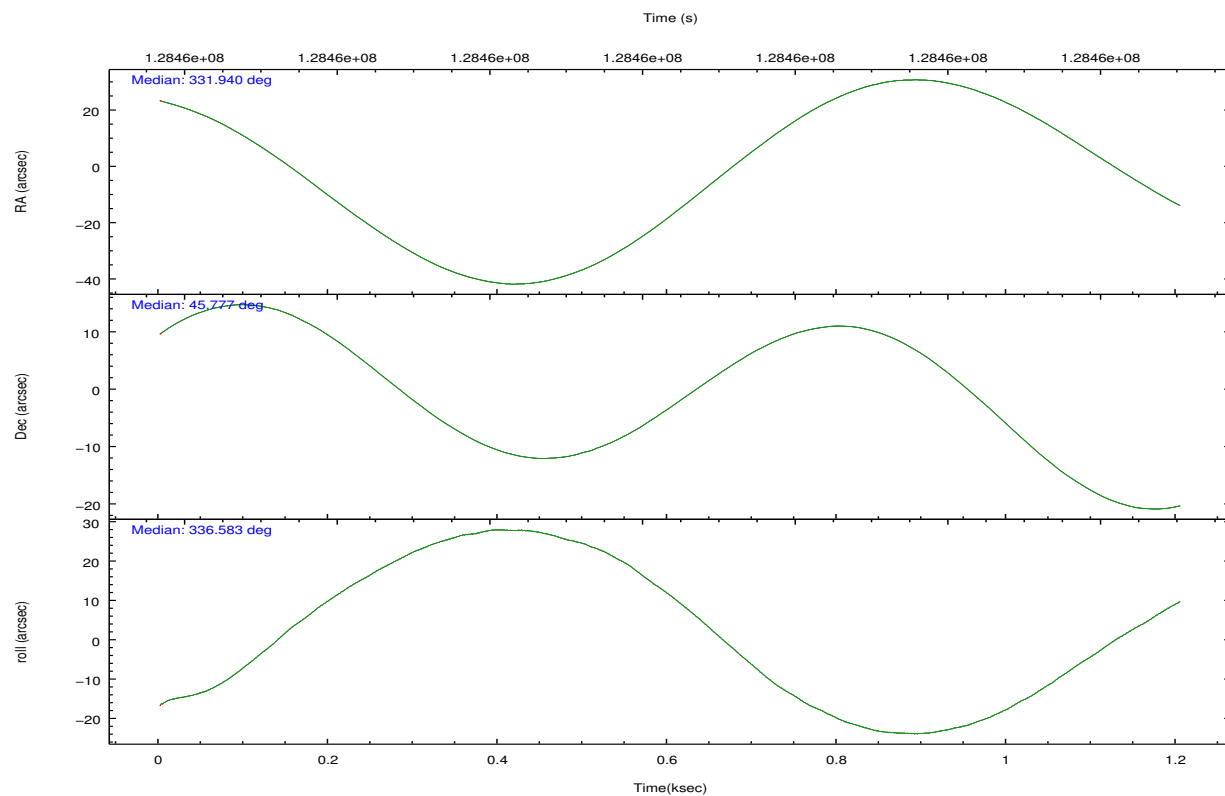
	segment 1	segment 2	segment 3
level 1 events	3381	174303	3027
rejected events	3381	32837	3027
rejected %	100%	18%	100%

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	331.897555	331.9384987961294			
[deg] Pointing Dec	45.771681	45.77656076998504			
[deg] Pointing Roll	336.553008	336.5909718398856			
[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)	128458637.184000	128458261.31396			
Observation start date	2002-01-26T18:56:13	2002-01-26T18:51:01			
[s] Observation end time (MET)	128459637.184000	128459771.65153			
Observation end date	2002-01-26T19:12:53	2002-01-26T19:16:11			

2.3 Aspect



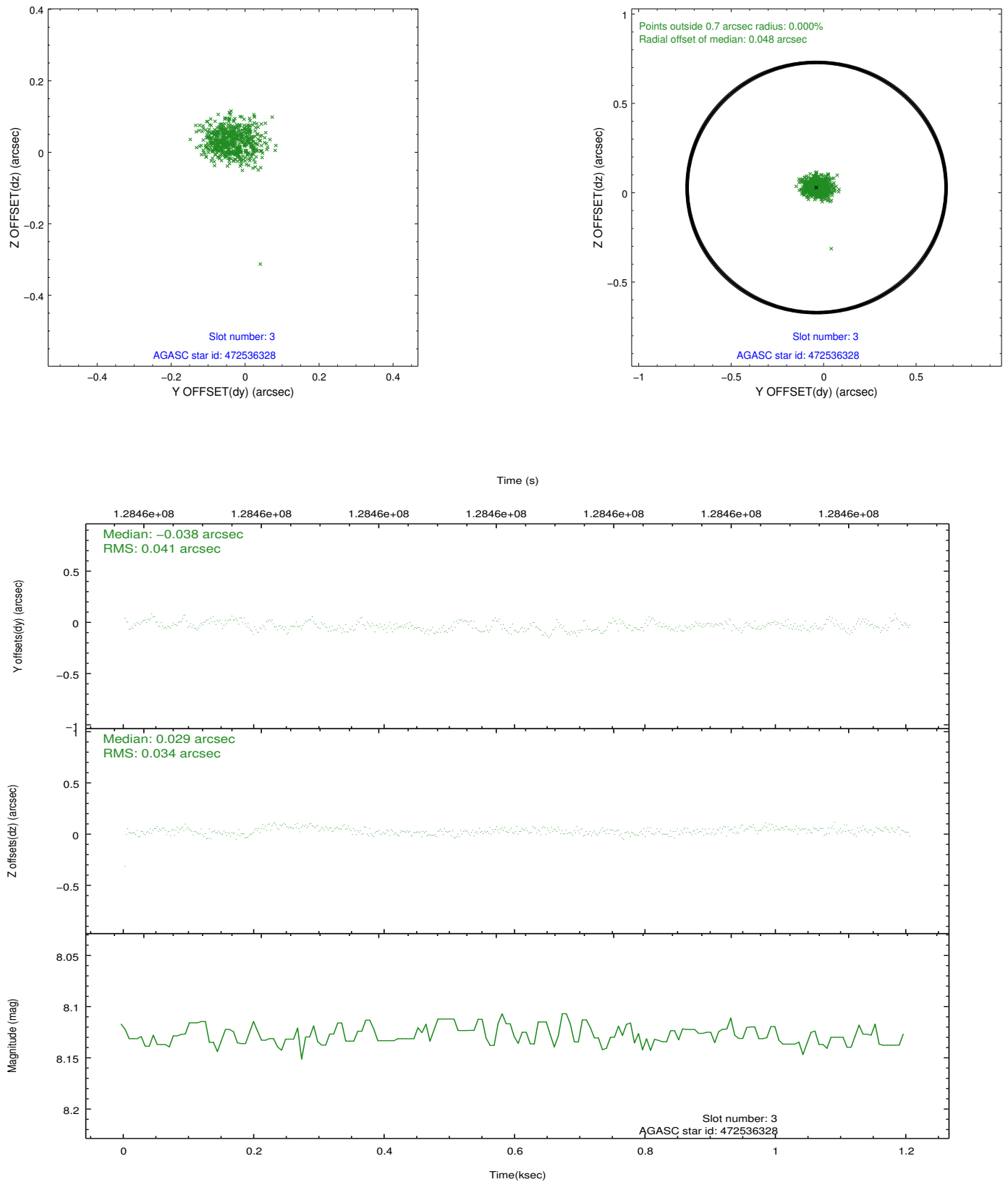


Slot Statistics

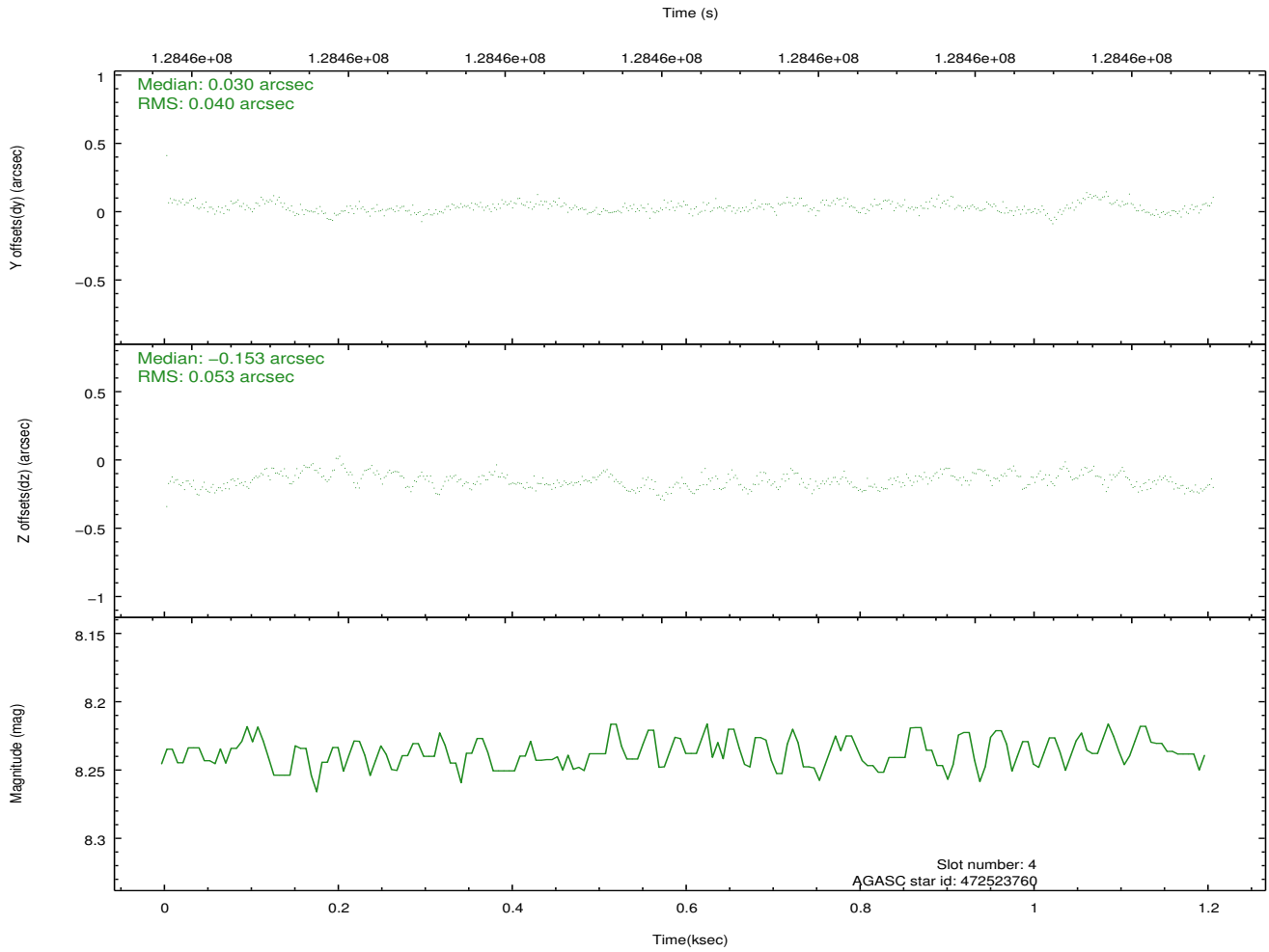
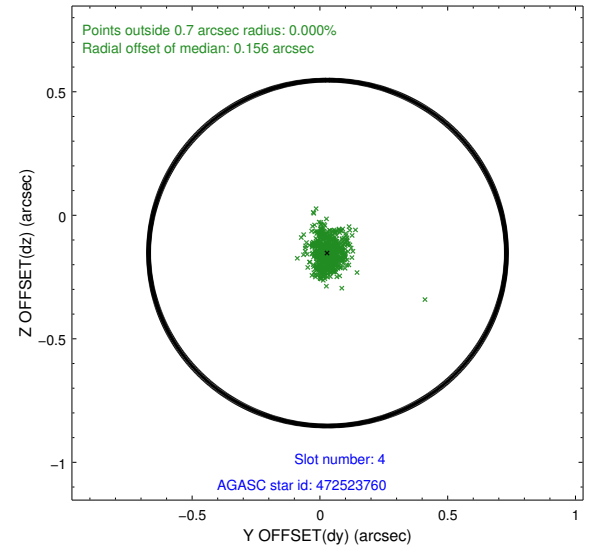
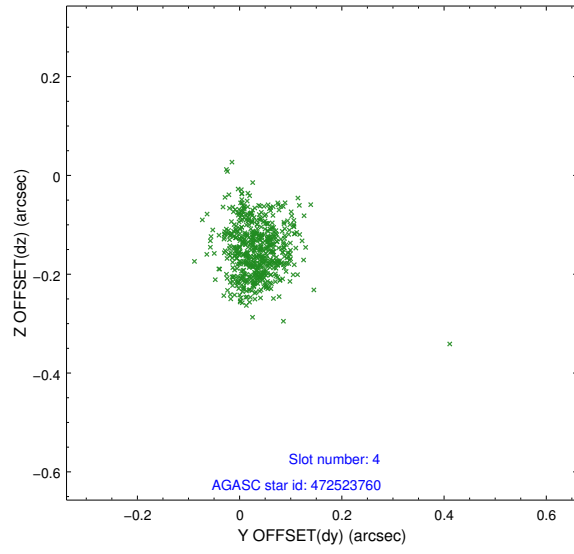
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	294	0.155	-0.083	0.007	0.012	0.000000	0.000000	-1157.65	-456.15
1	FID	HRC-S-2	6.98	294	0.076	-0.088	0.005	0.010	0.000000	0.000000	1238.01	-450.32
2	FID	HRC-S-3	7.00	294	0.159	-0.131	0.007	0.011	0.000000	0.000000	-1156.17	571.80
3	GUIDE	472536328	8.13	588	-0.038	0.029	0.055	0.087	331.496671	46.454831	-1893.44	1861.25
4	GUIDE	472523760	8.24	588	0.030	-0.153	0.068	0.107	331.645363	45.403260	-61.87	-1468.07
5	GUIDE	472665256	9.01	587	-0.034	-0.008	0.086	0.133	332.808125	46.195041	1468.38	2309.18
6	GUIDE	472537064	8.93	588	-0.051	0.169	0.090	0.144	331.323423	46.483499	-2326.58	1791.71
7	GUIDE	472654568	9.44	587	0.097	-0.026	0.102	0.167	332.194449	45.063576	1701.44	-2035.39

2.4 Star Slots

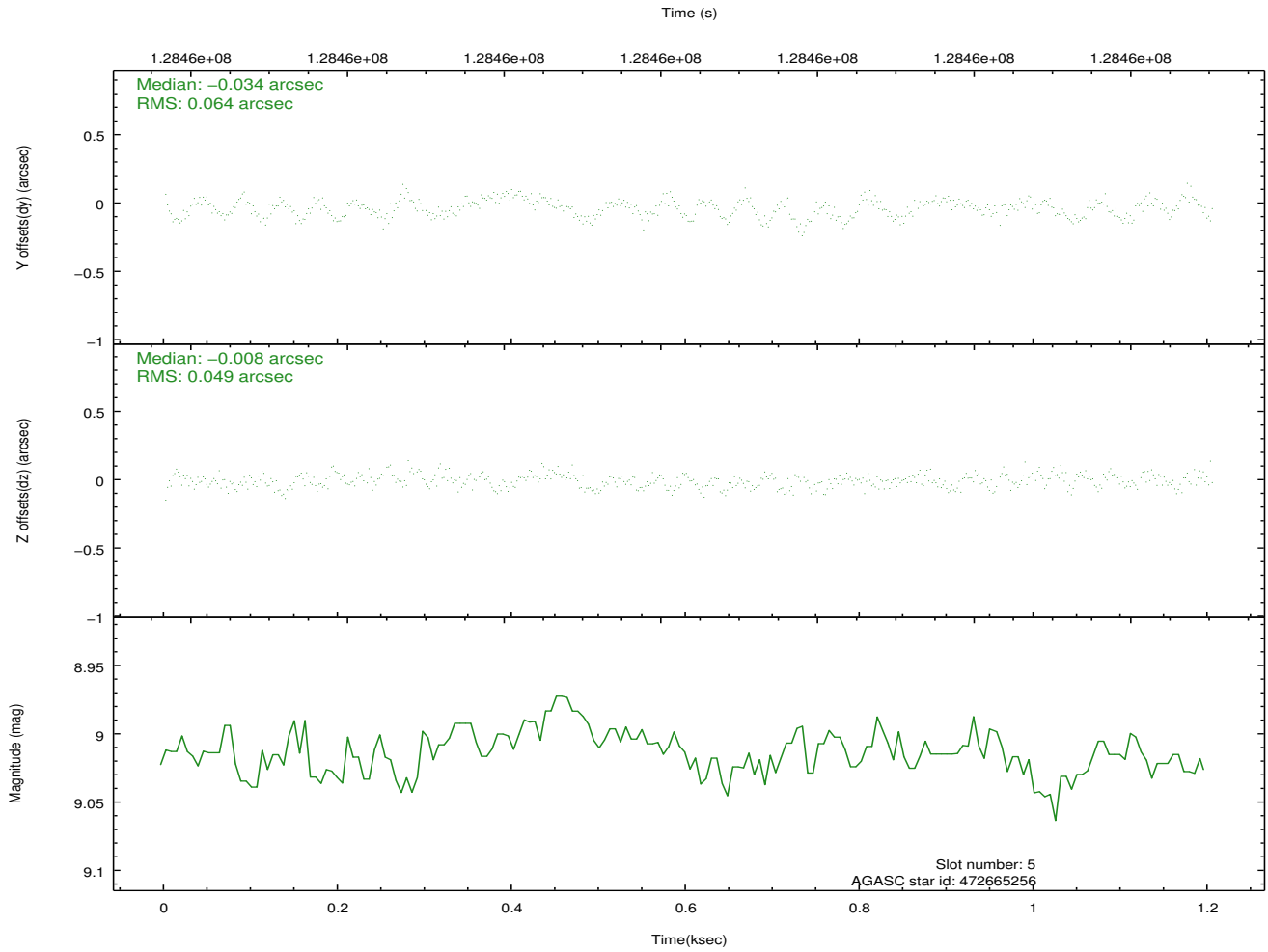
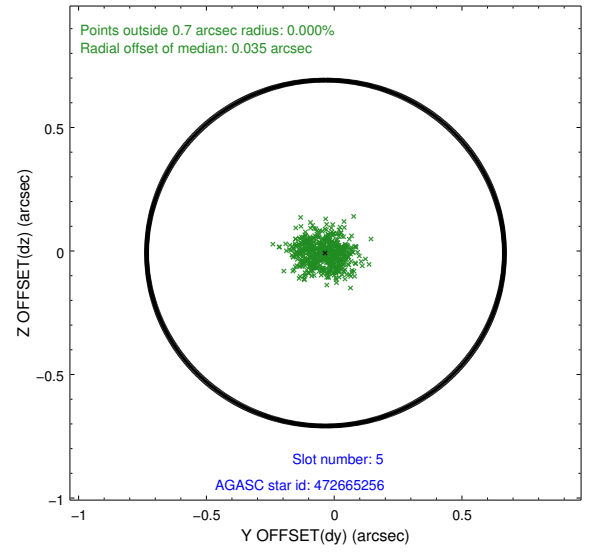
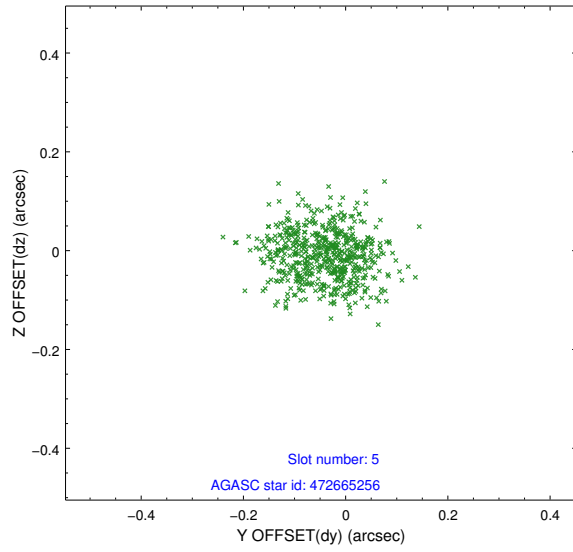
2.4.1 Slot 3



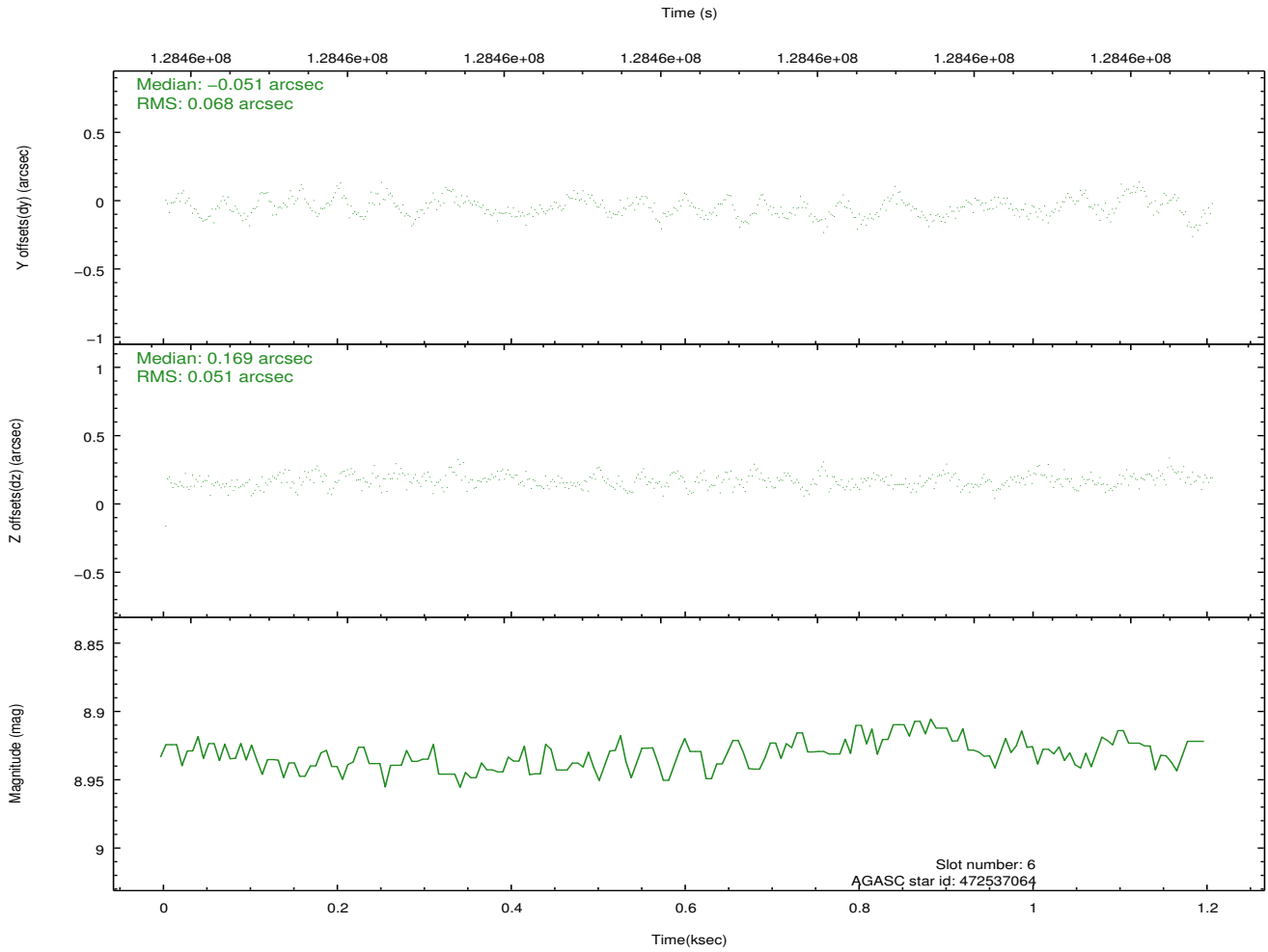
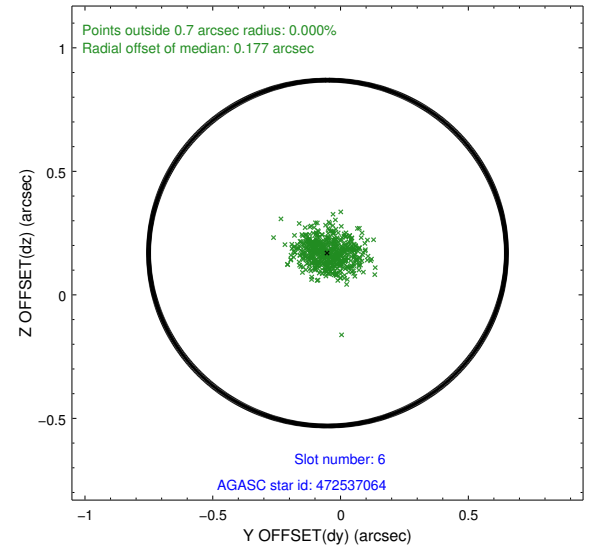
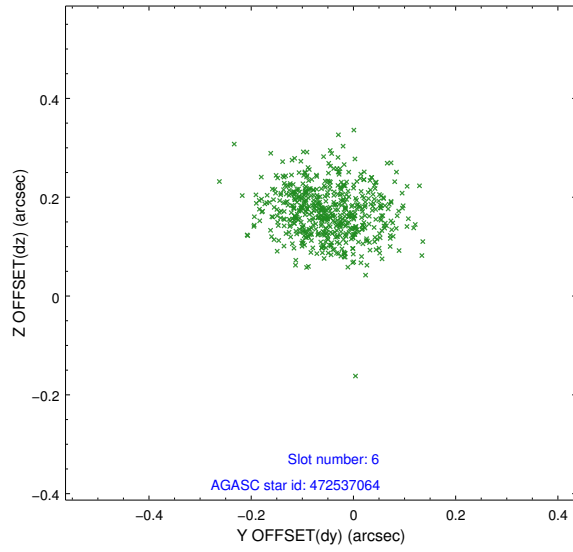
2.4.2 Slot 4



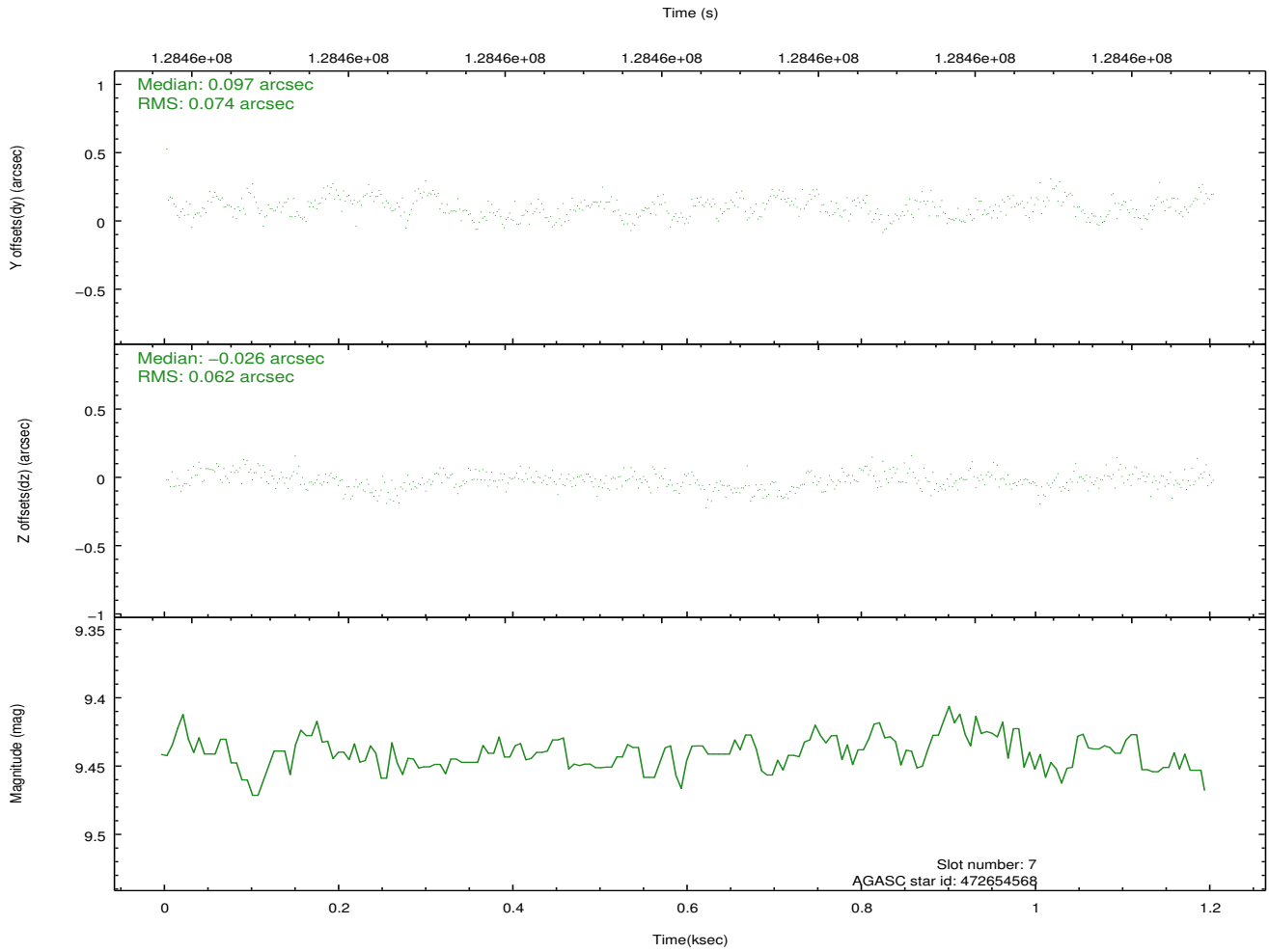
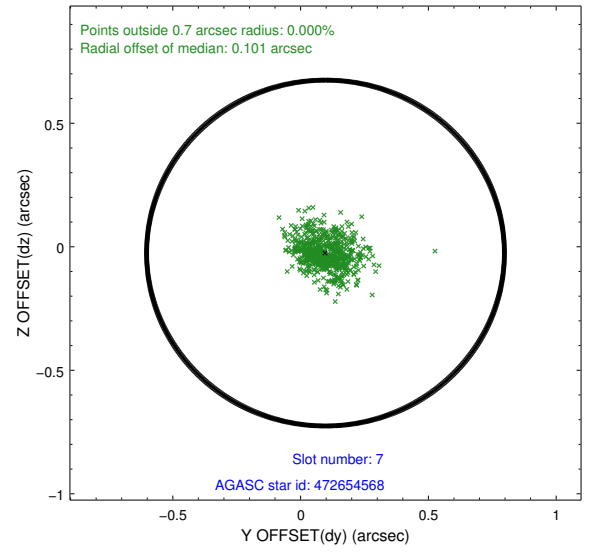
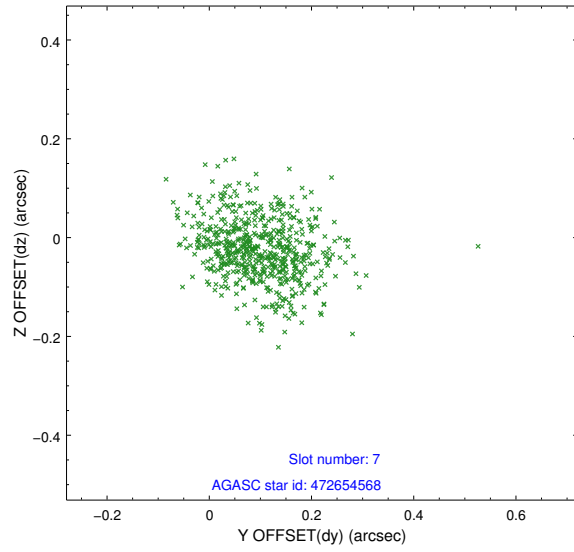
2.4.3 Slot 5



2.4.4 Slot 6

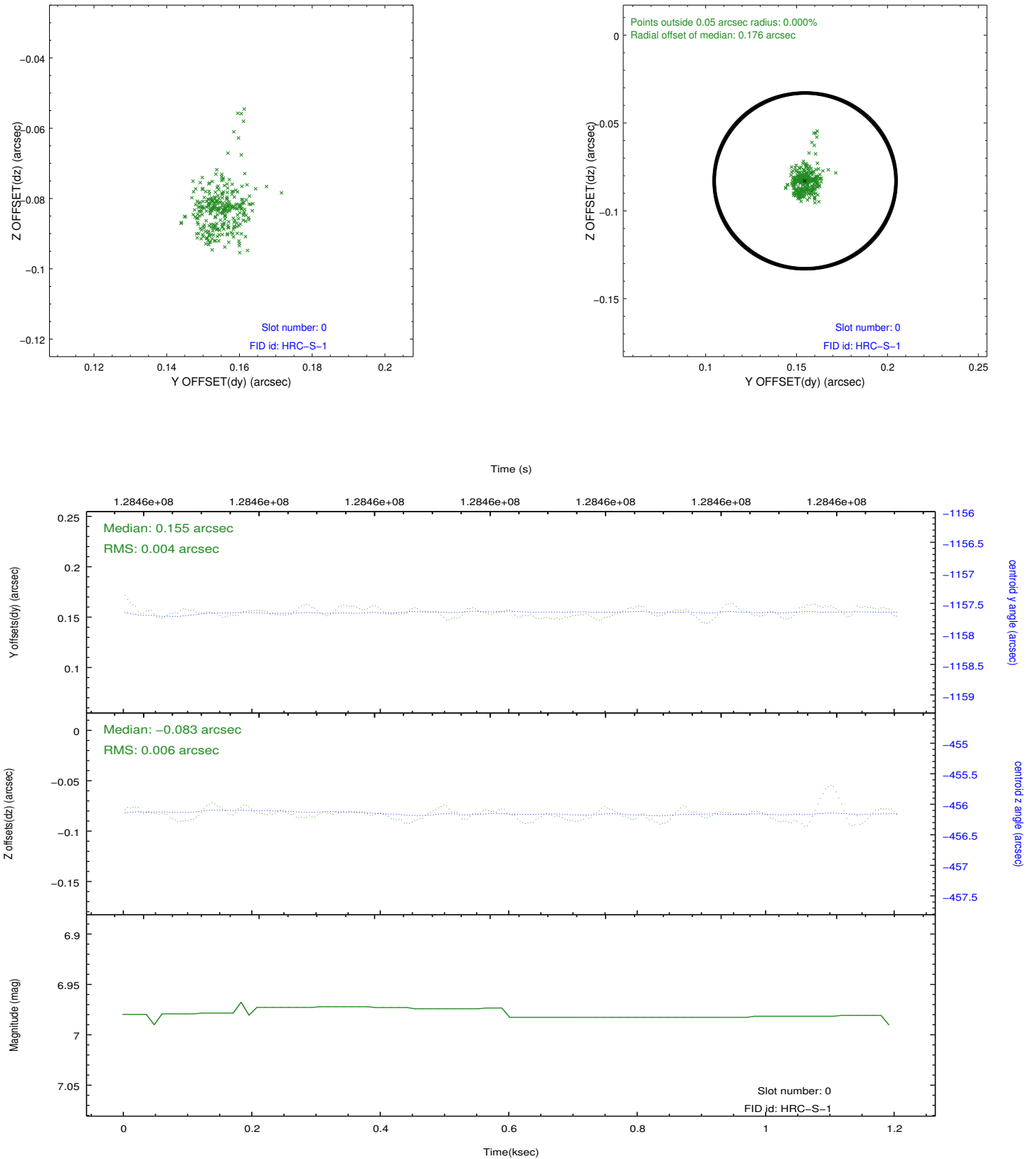


2.4.5 Slot 7

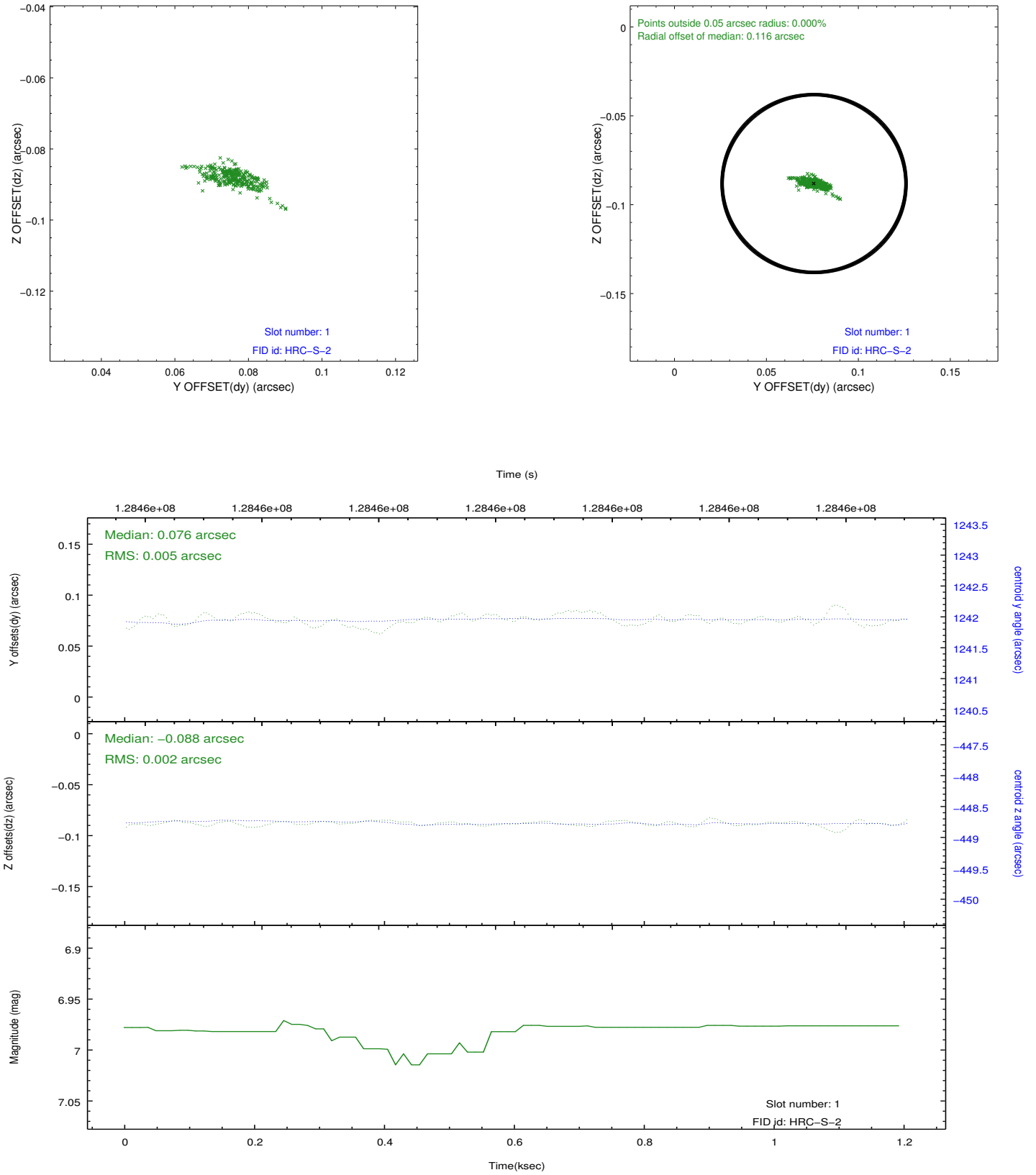


2.5 FID Slots

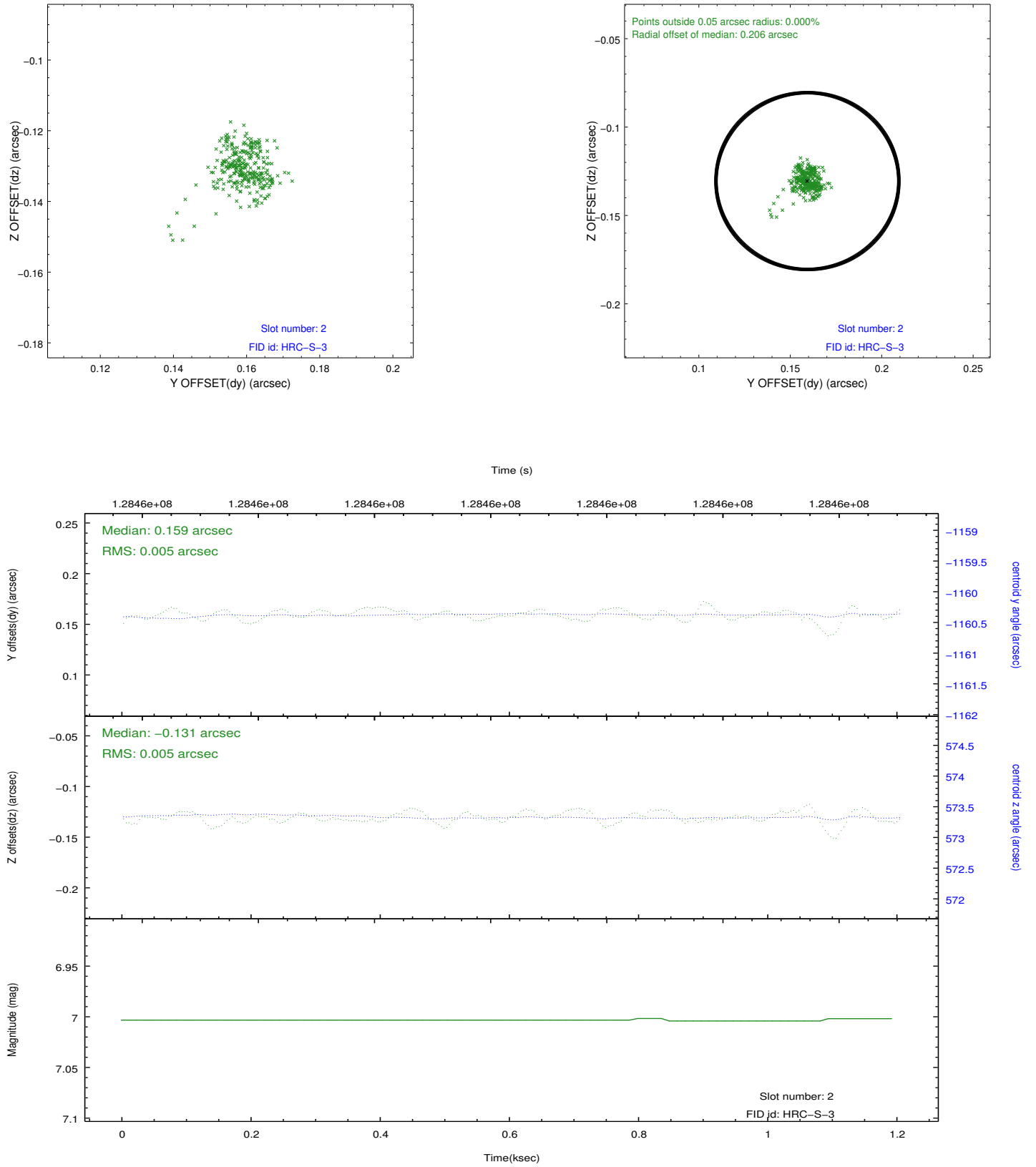
2.5.1 Slot 0



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	1.202

A.2 Comments

Charge time for this ObsId remains at previous value of 1.202 ks although with the current processing the charge time would have been 1.15 ksec.