

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2631 - L2 Version 3
Chandra X-Ray Center

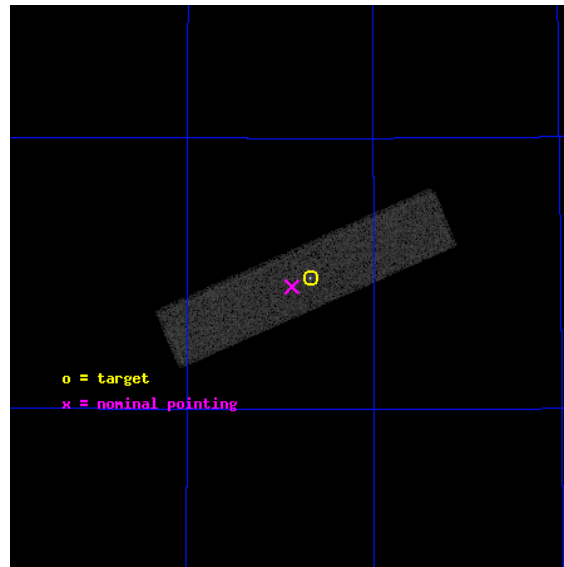
L2 Processing Date : Oct 1 2012

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1 Front

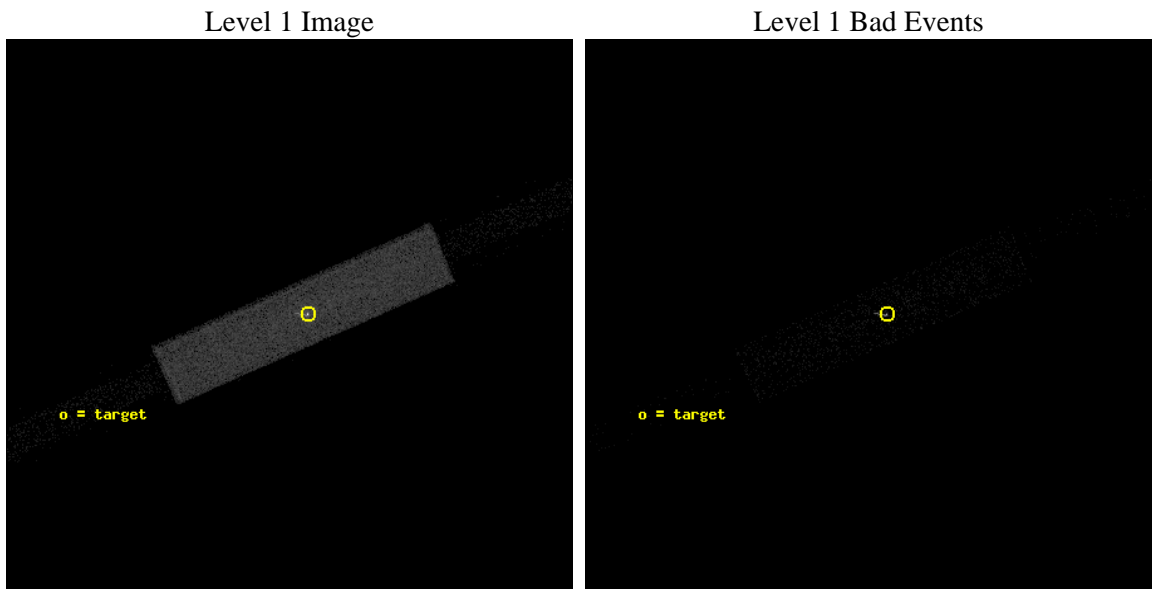
seq_num	290187	Sequence number
obs_id	2631	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21929384578	Nominal RA [deg]
dec_nom	45.726018308341	Nominal Dec [deg]
roll_nom	336.22204667604	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1142.1062960327	[s]
livetime	1135.7486513613	Ontime multiplied by DTCOR
l2events	43372	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	1142.1062960327	[s]
caldbver	4.5.2	 	l1events	71376	Number of level 1 events
date	2012-10-01T03:02:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

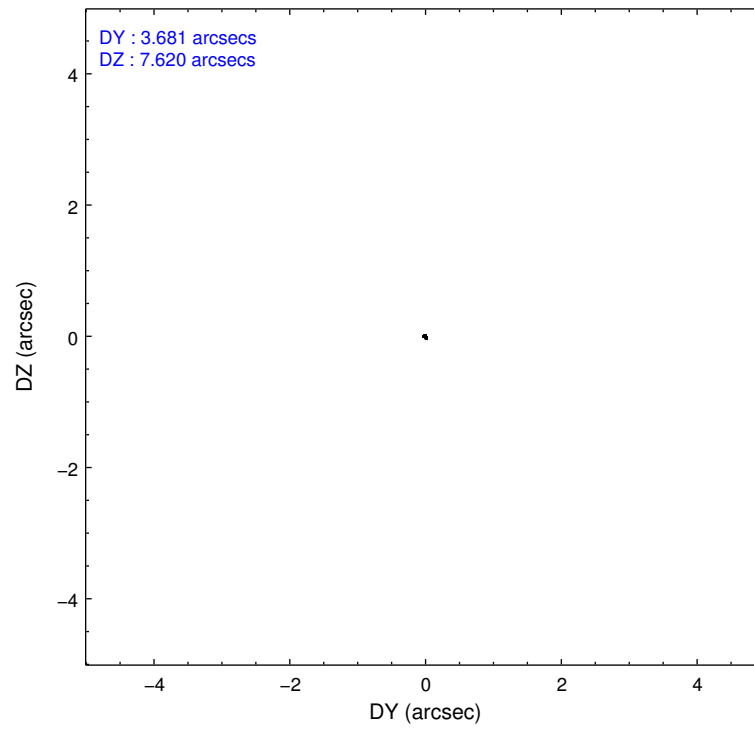
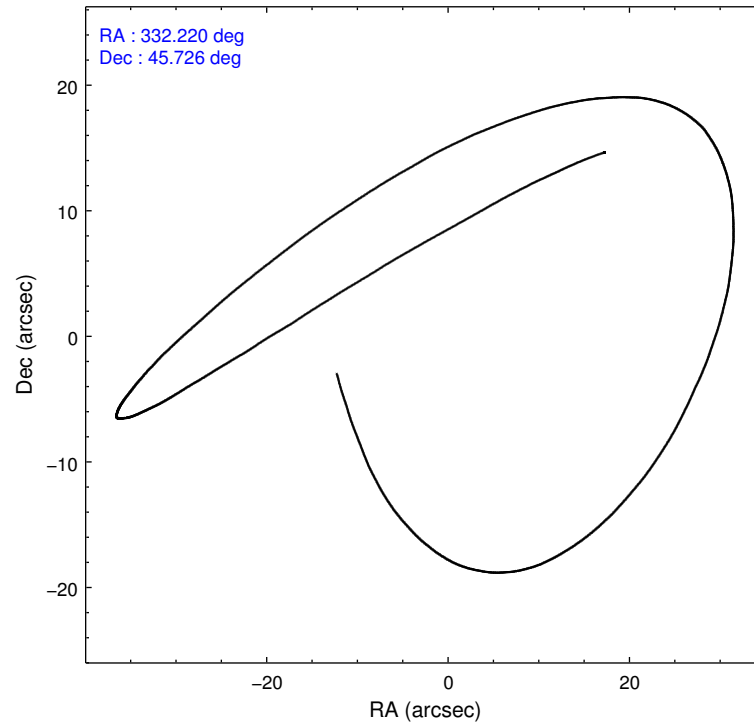
Level 1 Events

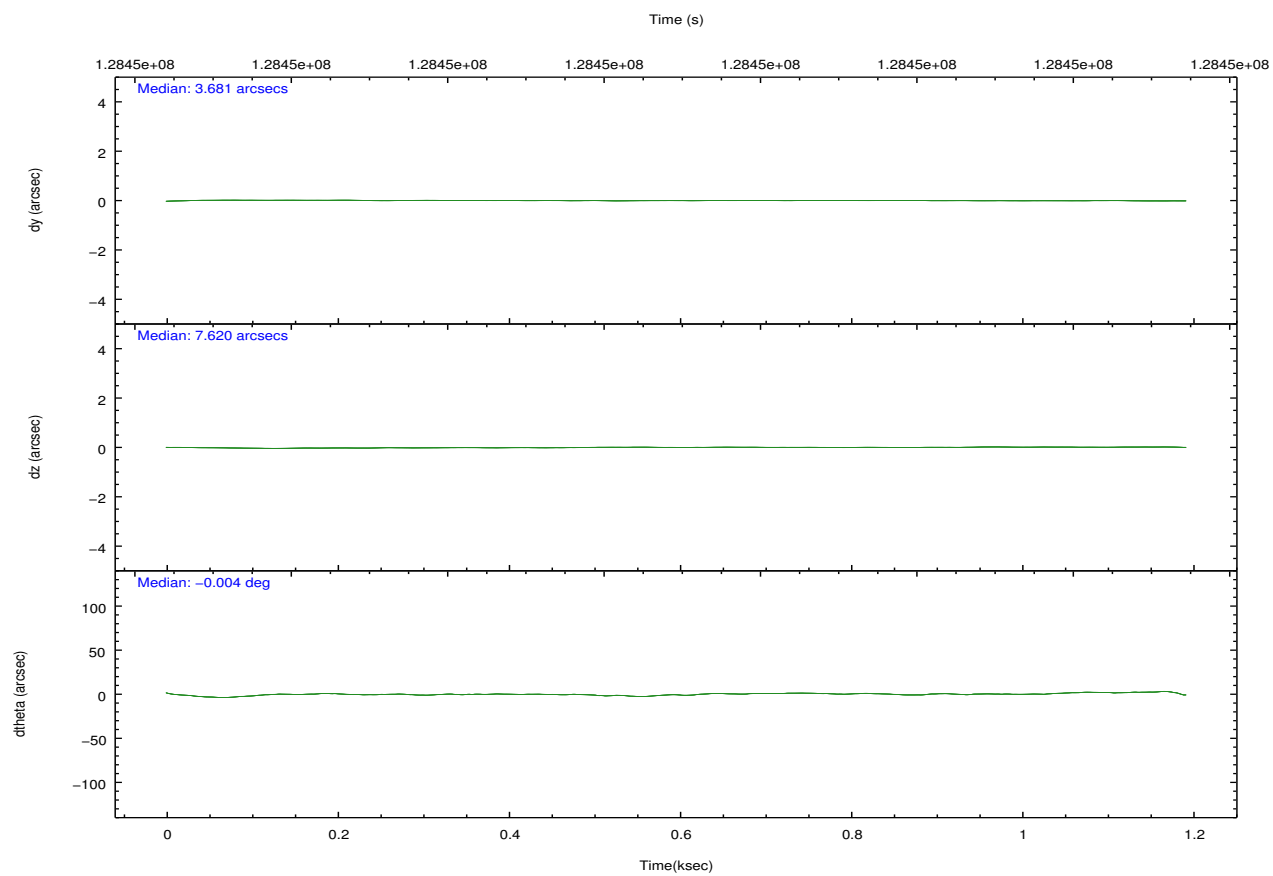
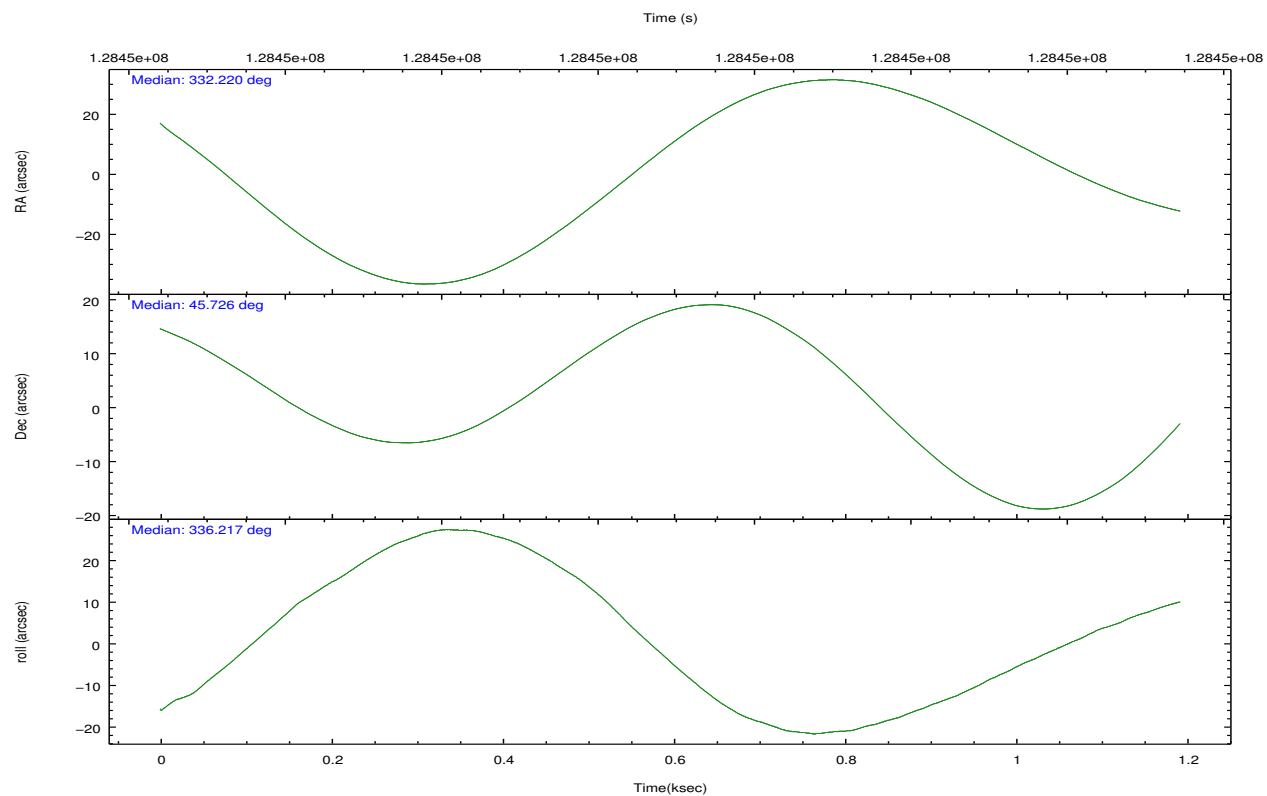
	segment 1	segment 2	segment 3
level 1 events	1248	68936	1192
rejected events	1248	15719	1192
rejected %	100%	22%	100%

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	332.179286	332.2192938457839			
[deg] Pointing Dec	45.722318	45.72601830834051			
[deg] Pointing Roll	336.183379	336.2220466760406			
[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)	128451087.184000	128450711.16366			
Observation start date	2002-01-26T16:50:23	2002-01-26T16:45:11			
[s] Observation end time (MET)	128452087.184000	128452221.50122			
Observation end date	2002-01-26T17:07:03	2002-01-26T17:10:21			

2.3 Aspect



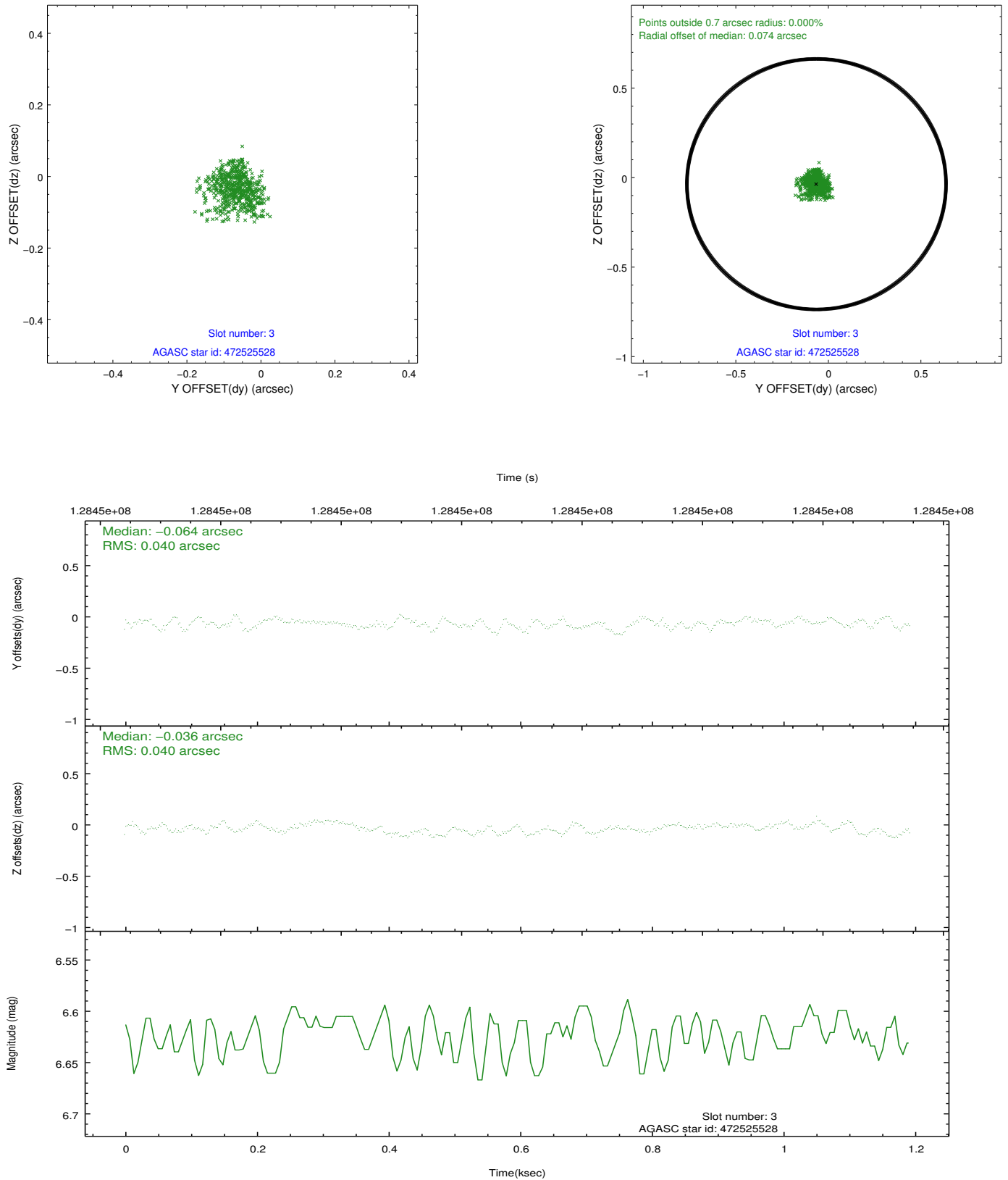


Slot Statistics

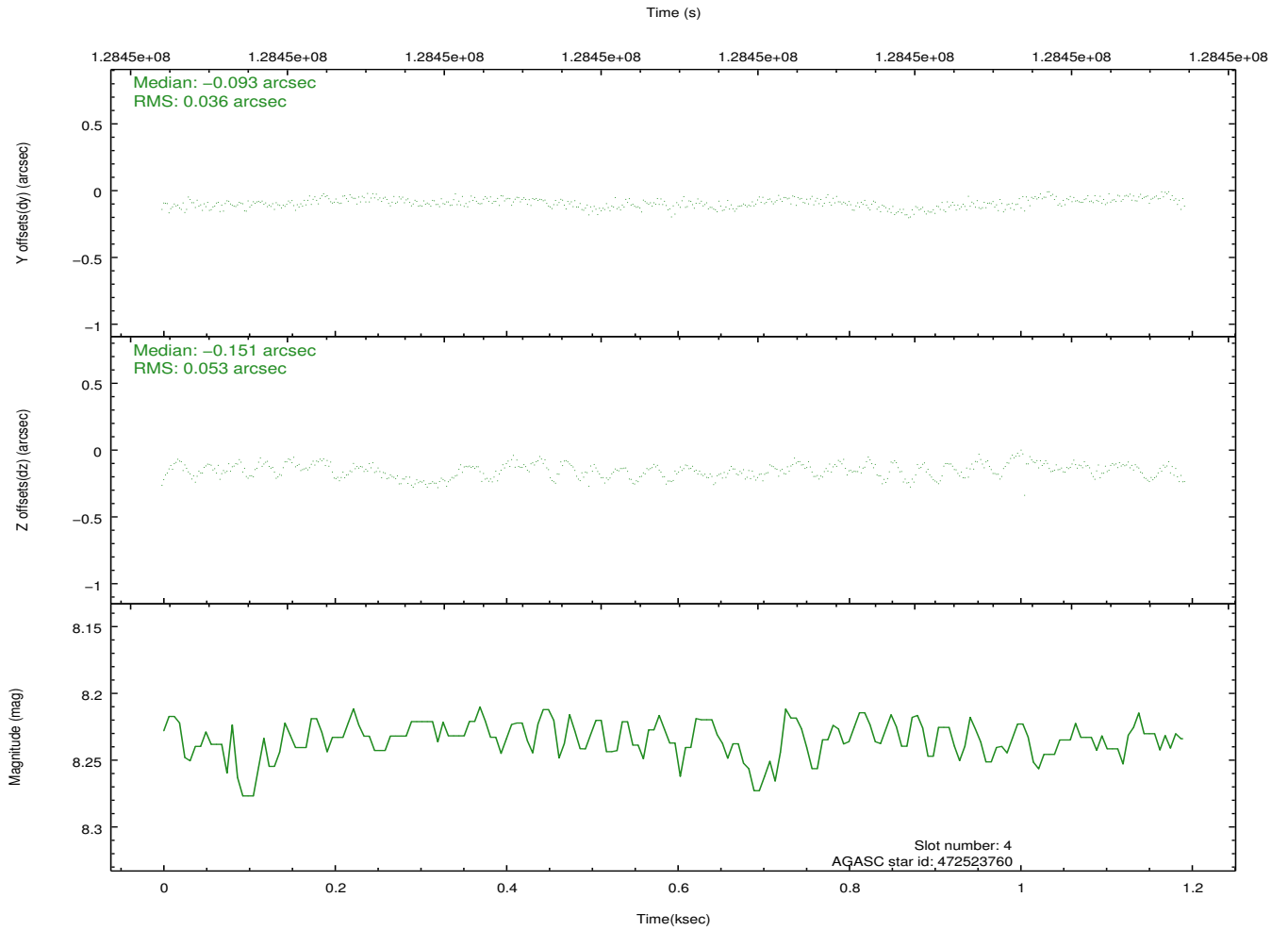
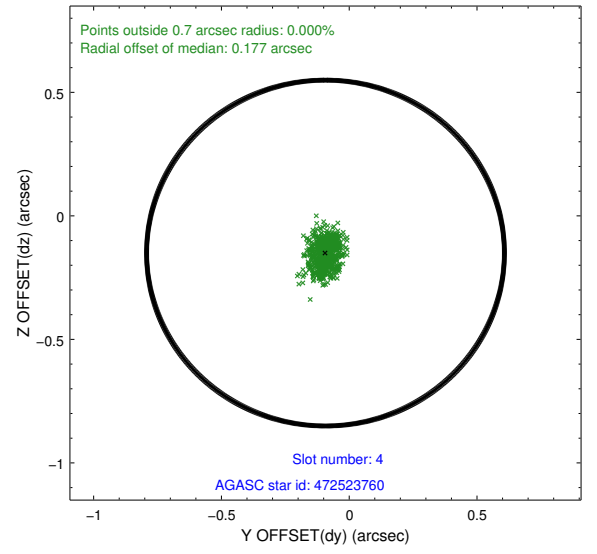
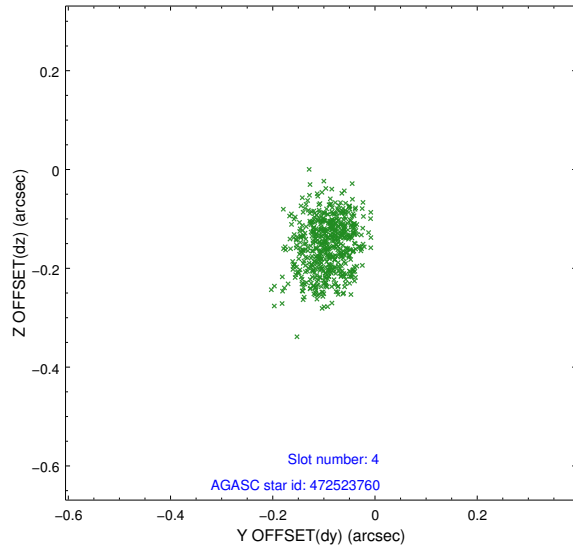
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	290	0.154	-0.081	0.017	0.034	0.000000	0.000000	-1157.71	-456.16
1	FID	HRC-S-2	6.98	291	0.076	-0.088	0.007	0.020	0.000000	0.000000	1237.91	-450.34
2	FID	HRC-S-3	7.01	291	0.160	-0.134	0.013	0.029	0.000000	0.000000	-1156.18	571.78
3	GUIDE	472525528	6.62	583	-0.064	-0.036	0.062	0.094	331.551102	45.248694	-771.22	-2194.57
4	GUIDE	472523760	8.23	583	-0.093	-0.151	0.069	0.106	331.645363	45.403260	-774.68	-1593.05
5	GUIDE	472659832	9.47	582	-0.008	0.071	0.106	0.169	332.780399	46.098139	821.91	1848.86
6	GUIDE	472655152	9.43	583	0.047	0.073	0.090	0.150	332.504239	45.862991	540.77	799.65
7	GUIDE	472646552	9.64	581	0.121	0.050	0.120	0.194	333.120915	45.571877	2384.13	479.73

2.4 Star Slots

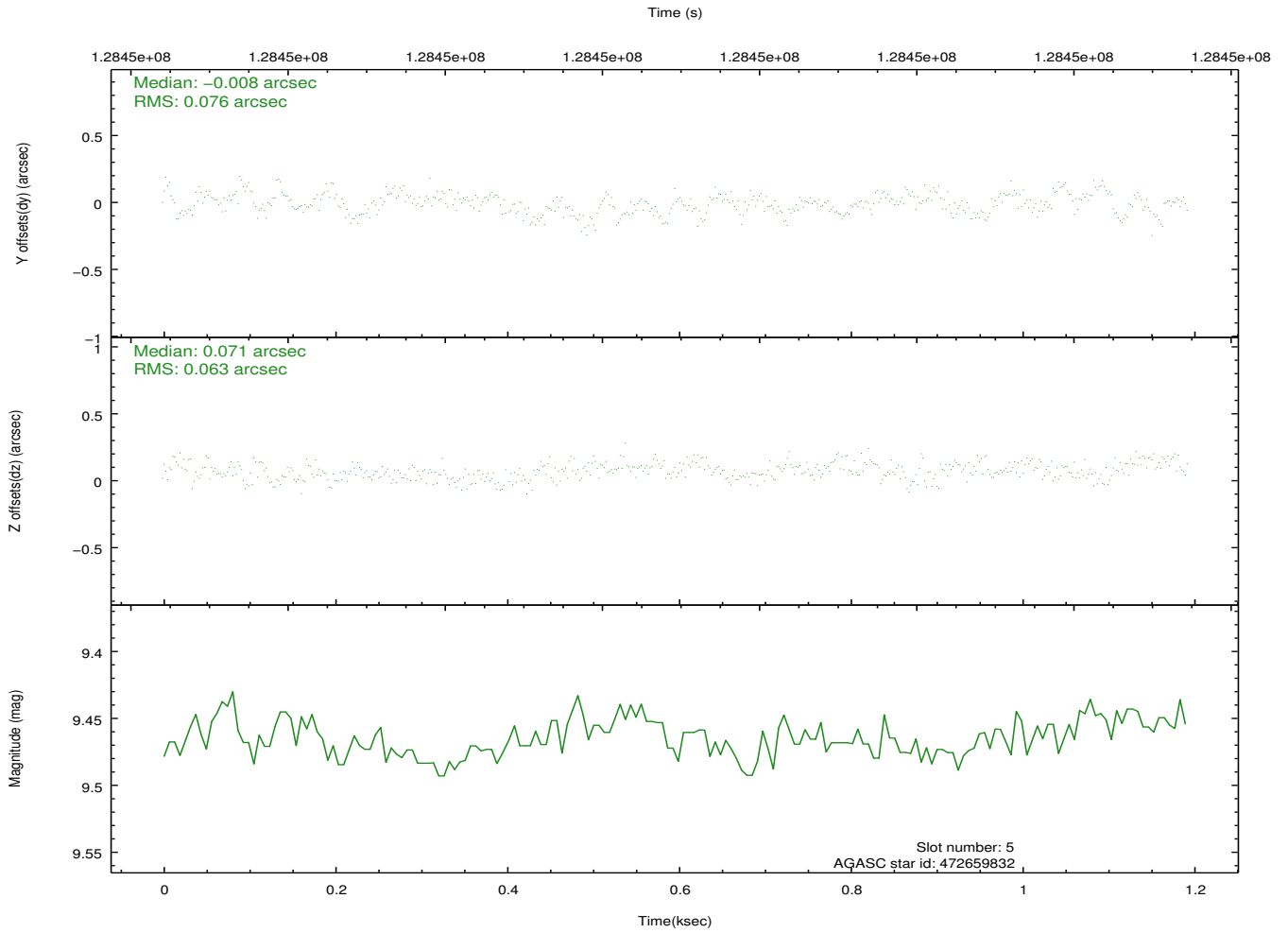
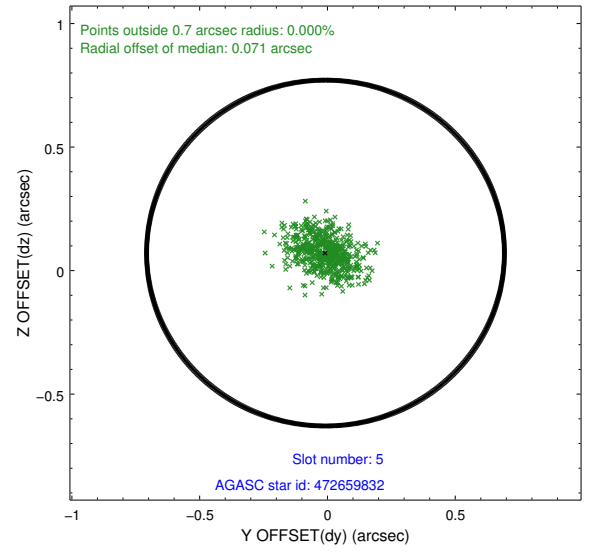
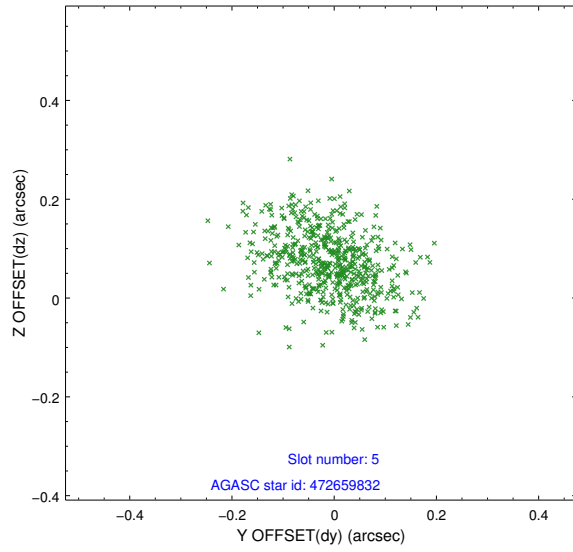
2.4.1 Slot 3



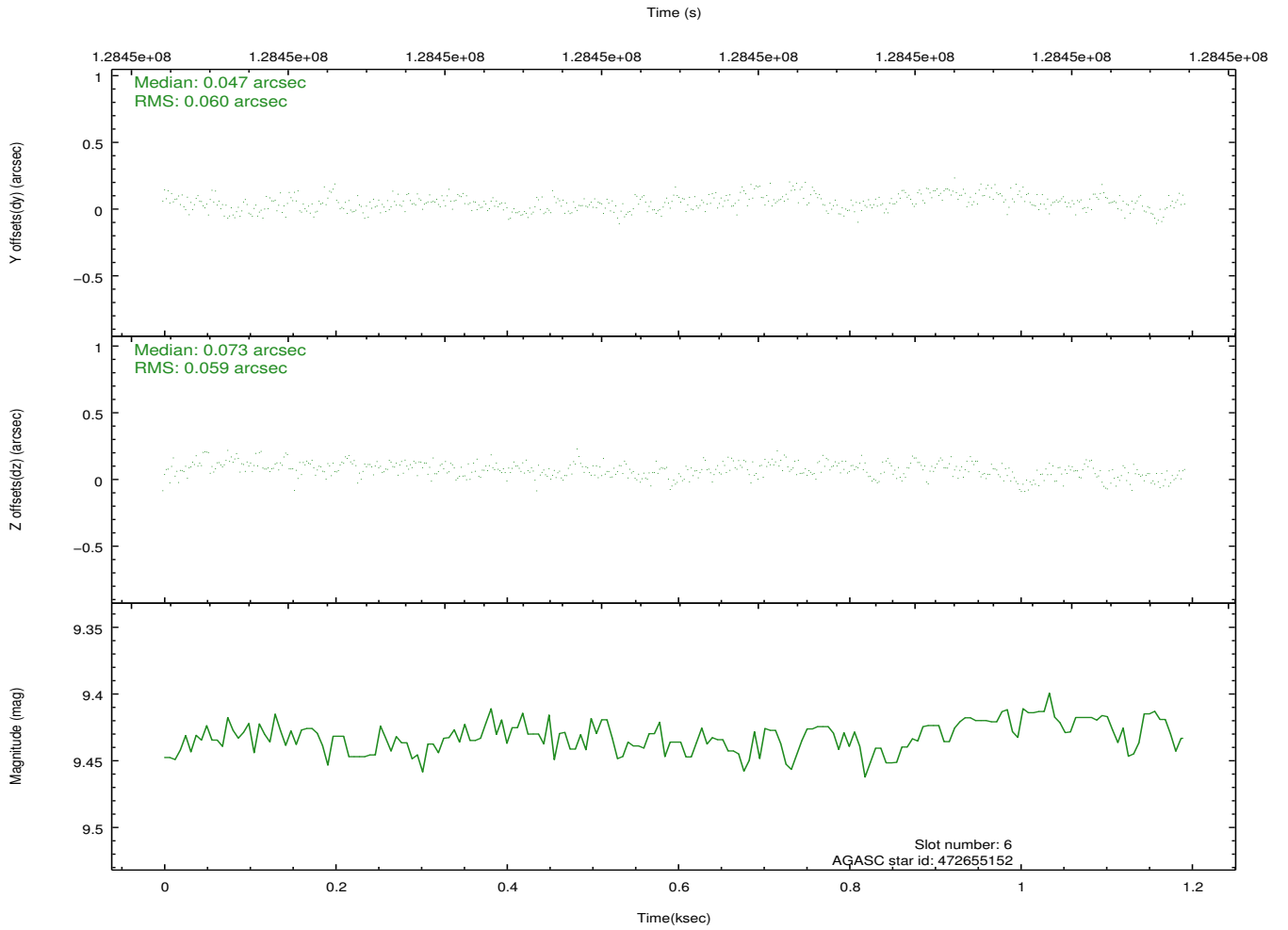
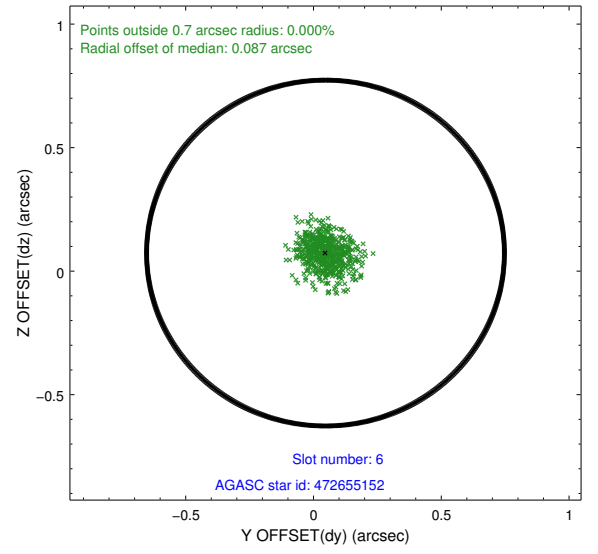
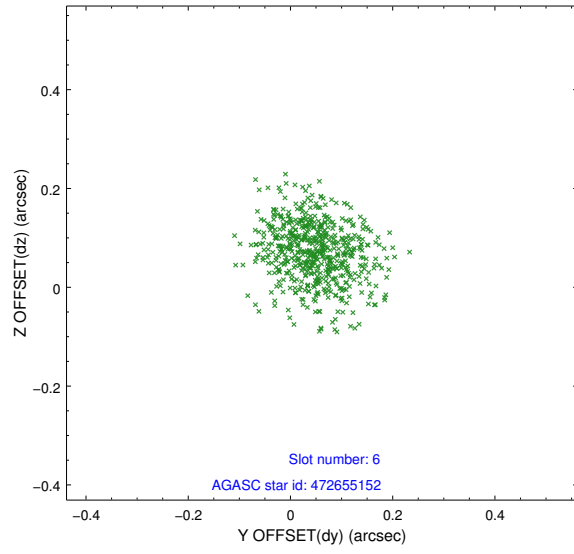
2.4.2 Slot 4



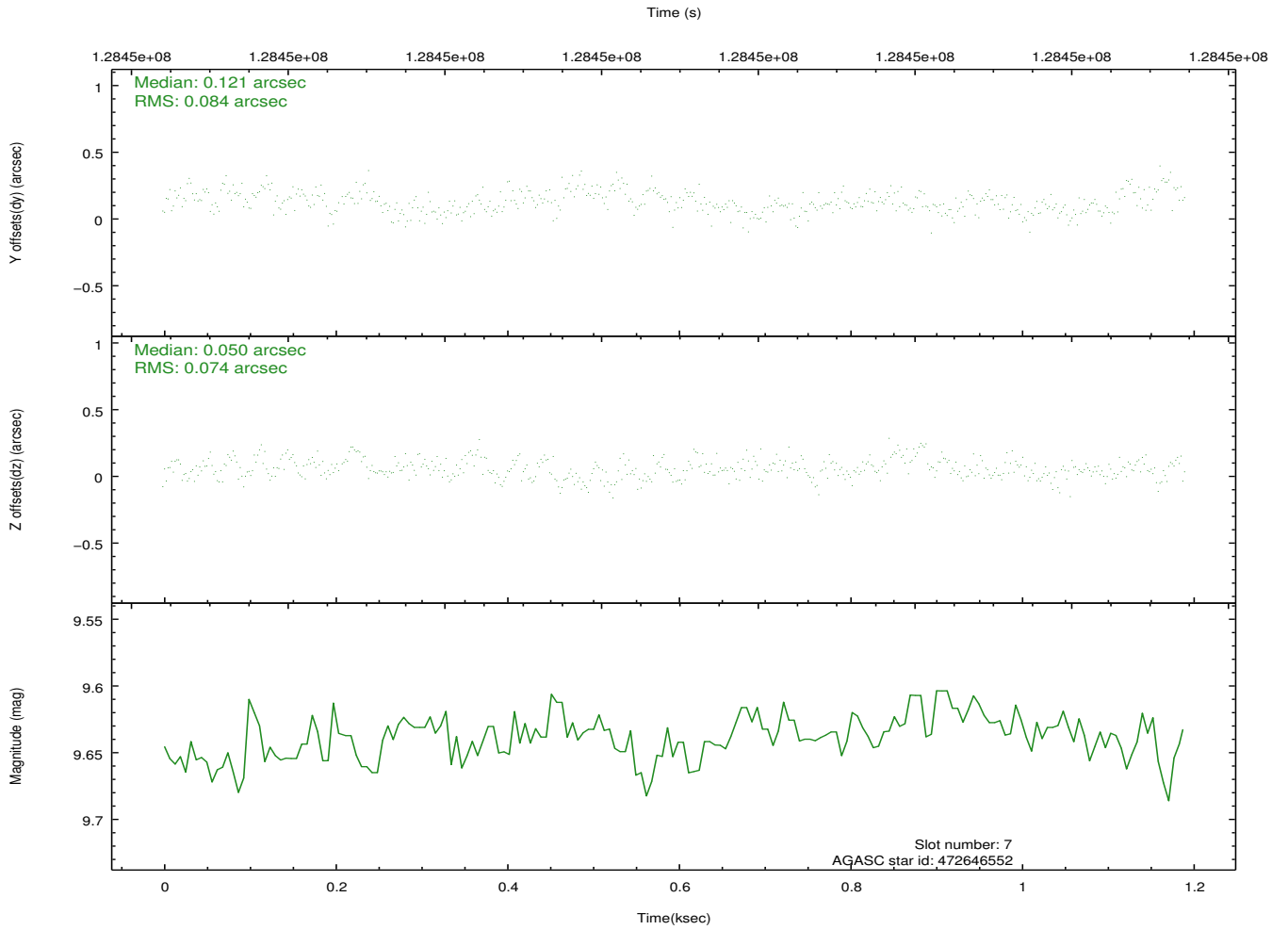
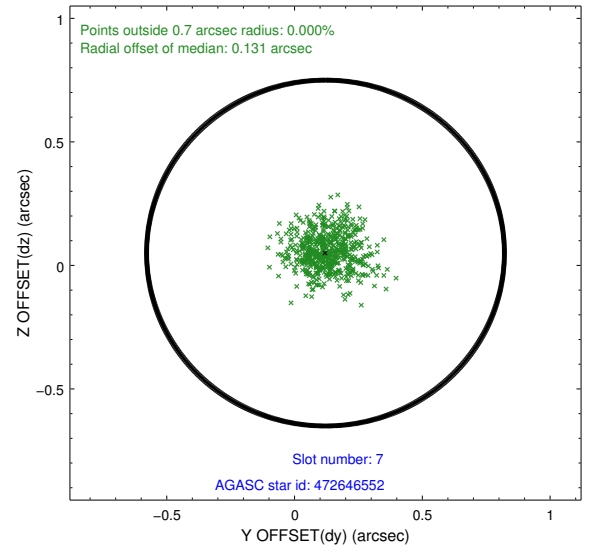
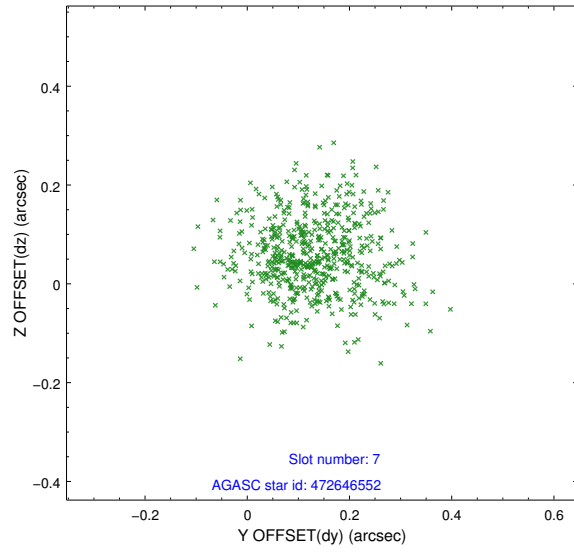
2.4.3 Slot 5



2.4.4 Slot 6

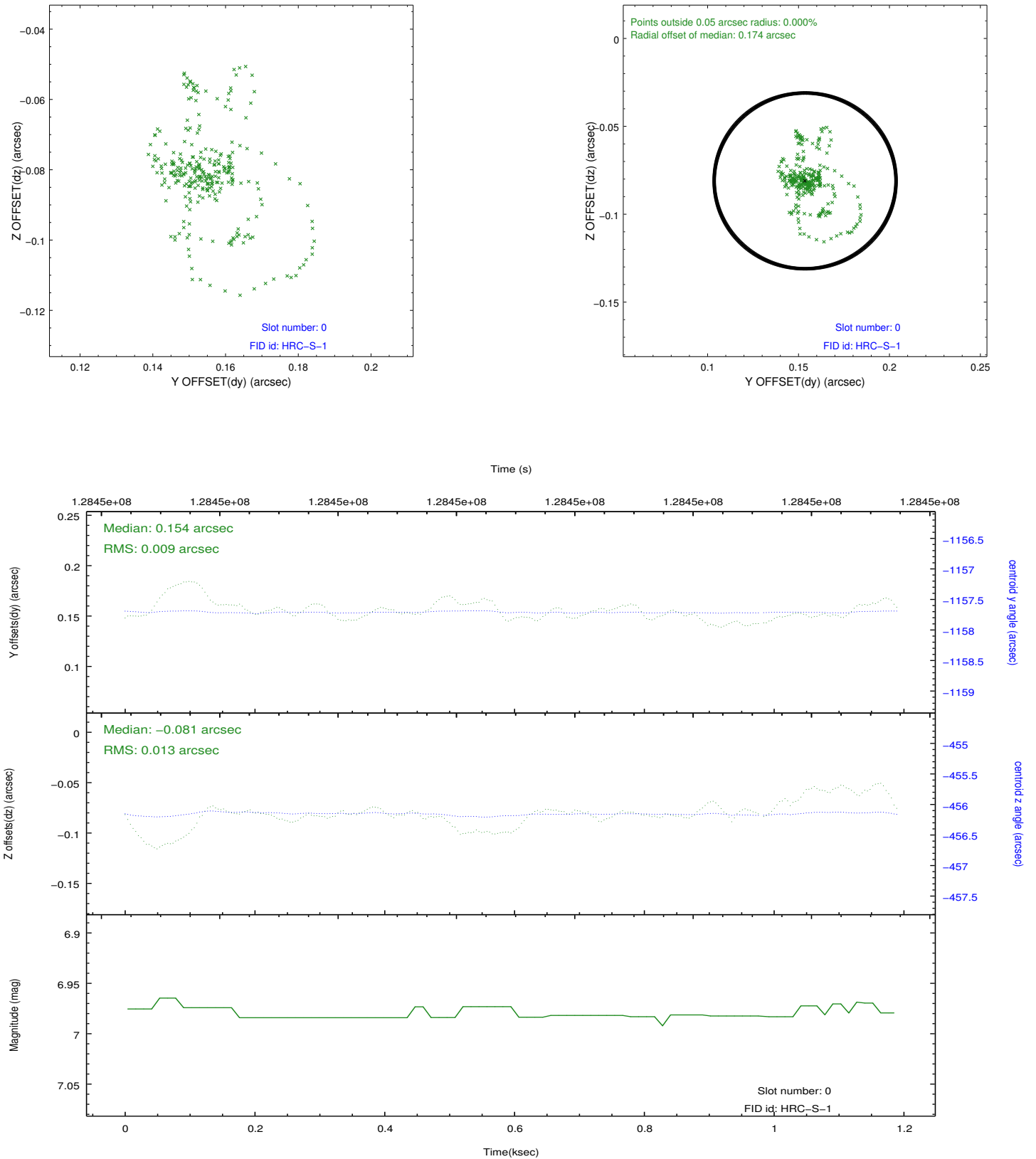


2.4.5 Slot 7

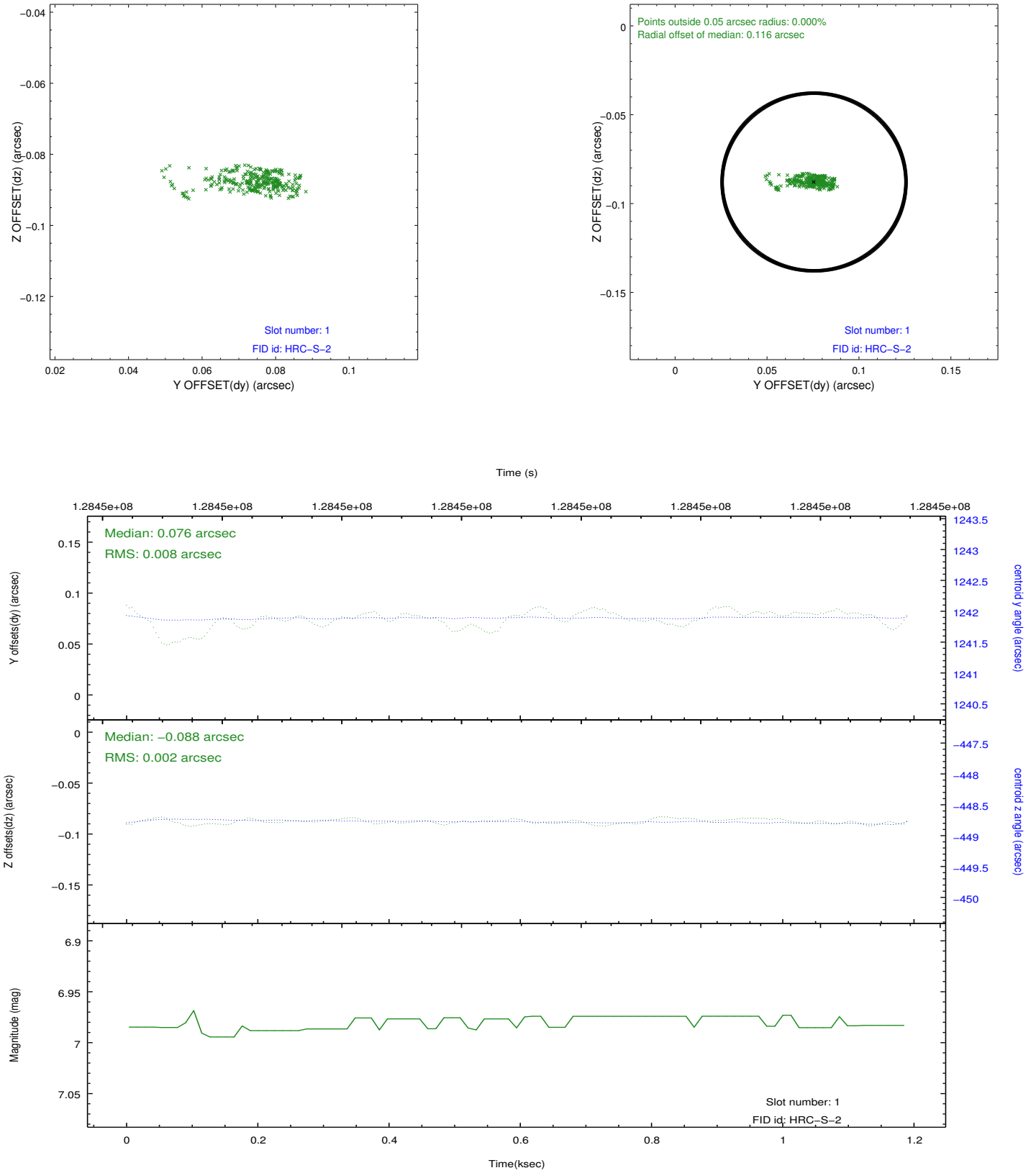


2.5 FID Slots

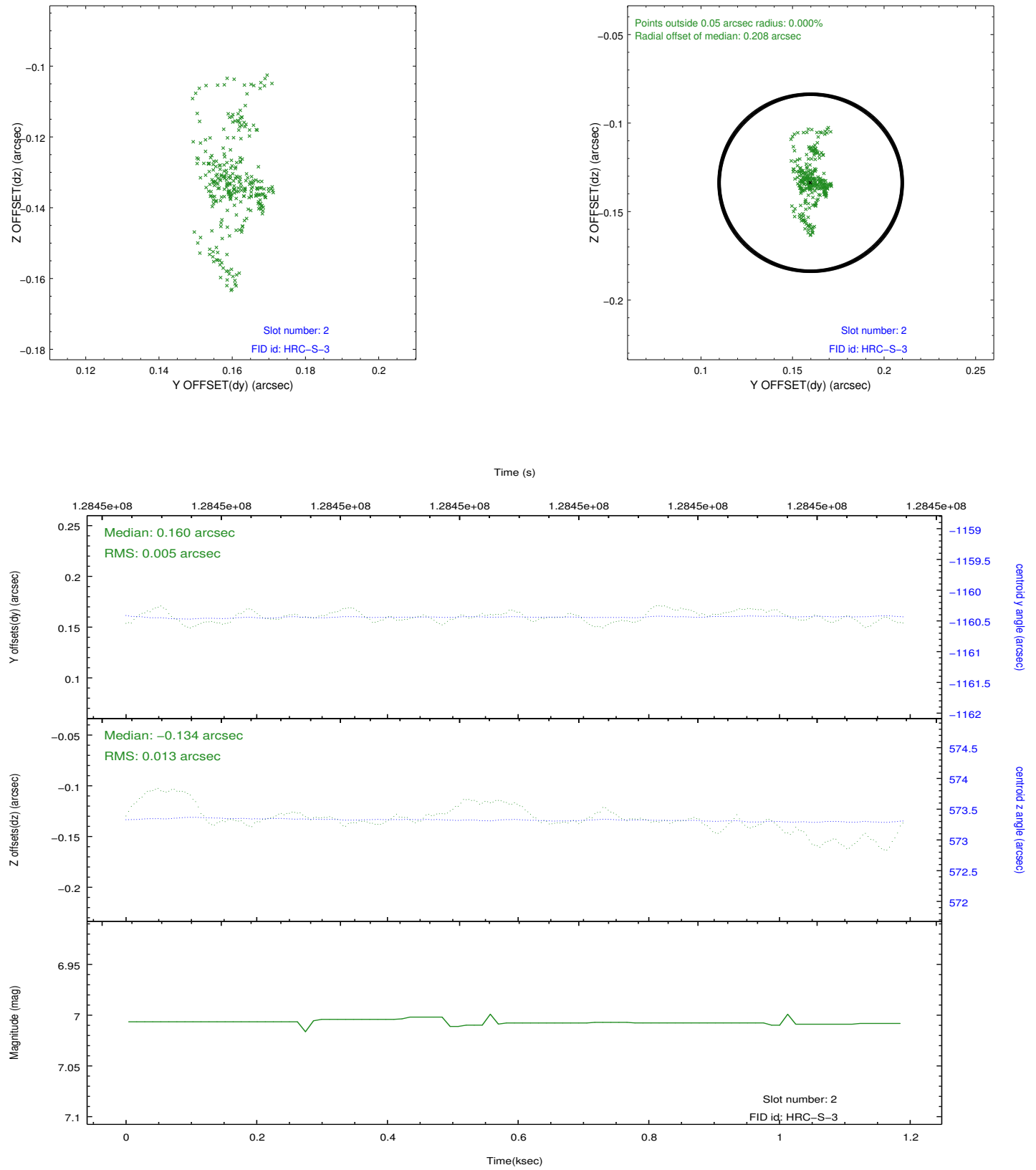
2.5.1 Slot 0



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	1.186

A.2 Comments

Charge time for this ObsId remains at previous value of 1.186 ks although with the current processing the charge time would have been 1.14 ksec.