

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2374 - L2 Version 5
Chandra X-Ray Center

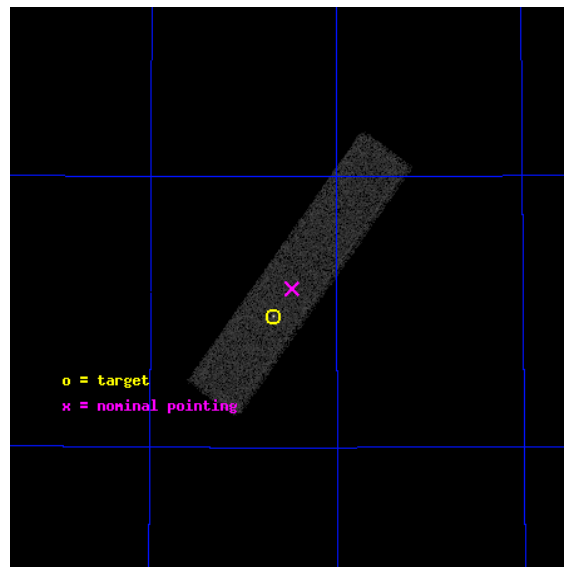
L2 Processing Date : Sep 4 2012

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1 Front

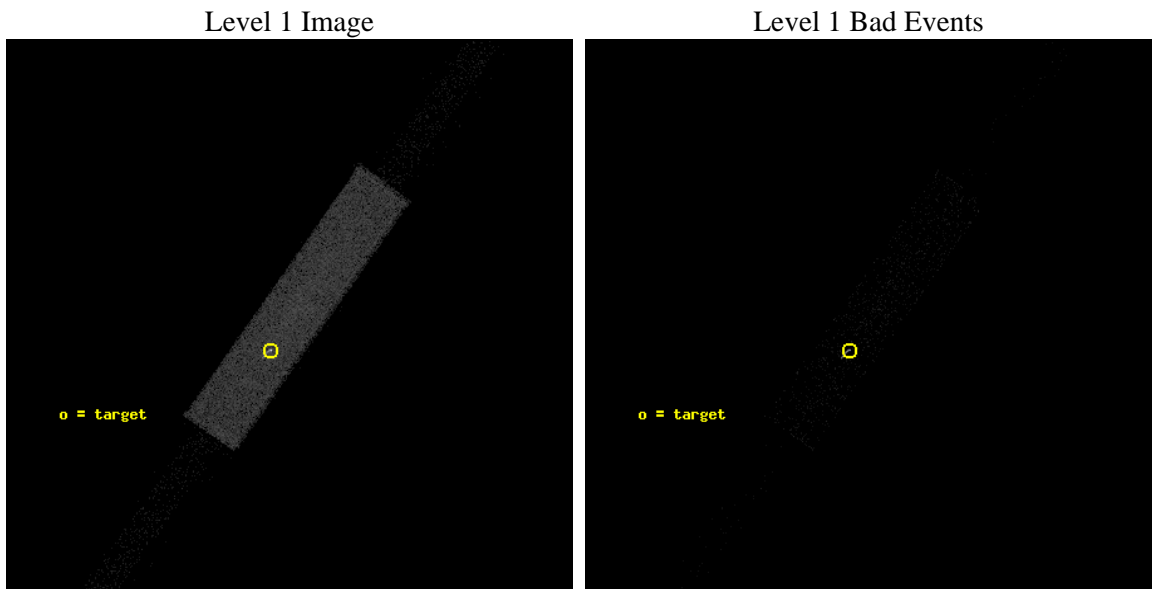
seq_num	290120	Sequence number
obs_id	2374	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-S,AO2	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12040507899	Nominal RA [deg]
dec_nom	45.793076921728	Nominal Dec [deg]
roll_nom	305.25994591356	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1141.0812936574	[s]
livetime	1135.7734846182	Ontime multiplied by DTCOR
l2events	35387	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	1141.0812936574	[s]
caldbver	4.5.1.1	 	l1events	60209	Number of level 1 events
date	2012-09-05T01:25:55	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

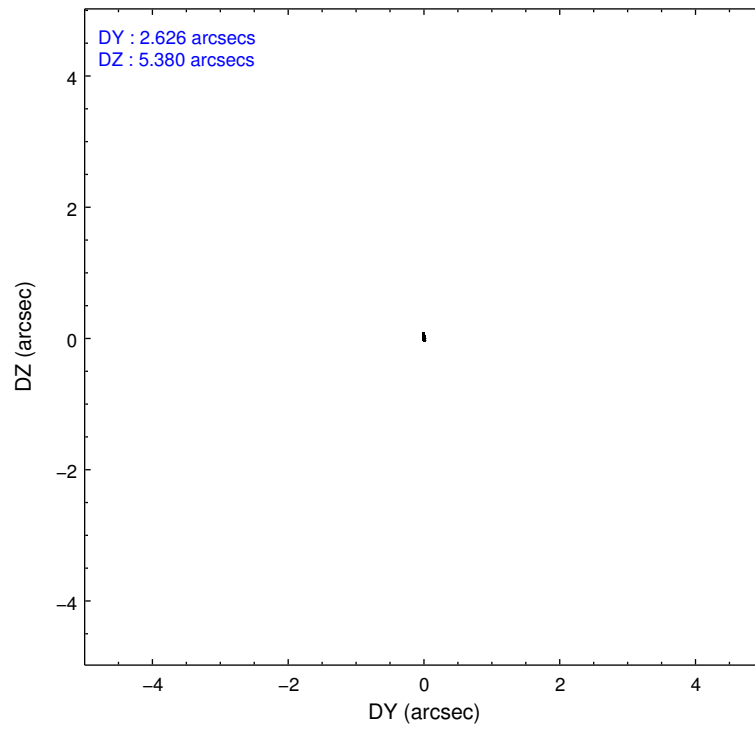
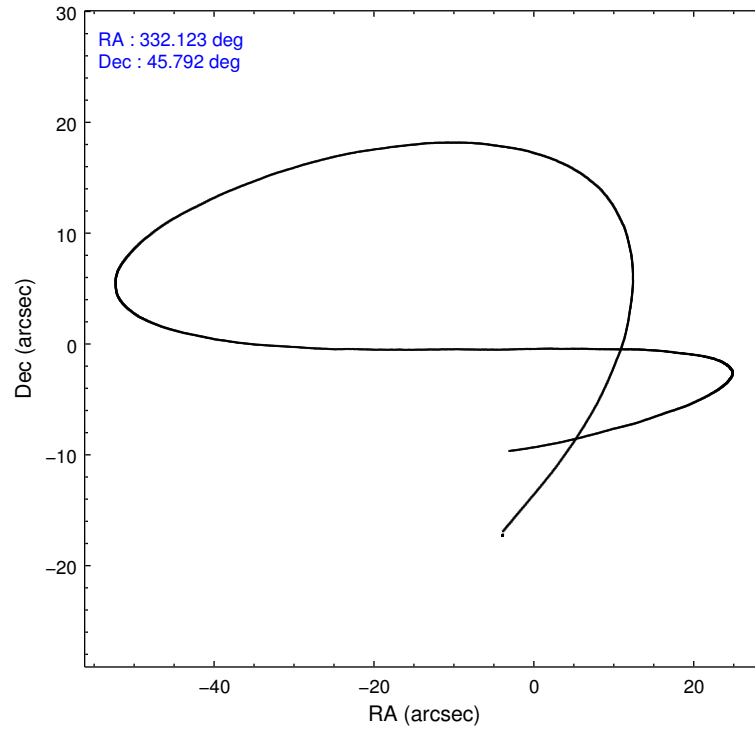
	segment 1	segment 2	segment 3
level 1 events	965	58280	964
rejected events	965	13553	964
rejected %	100%	23%	100%

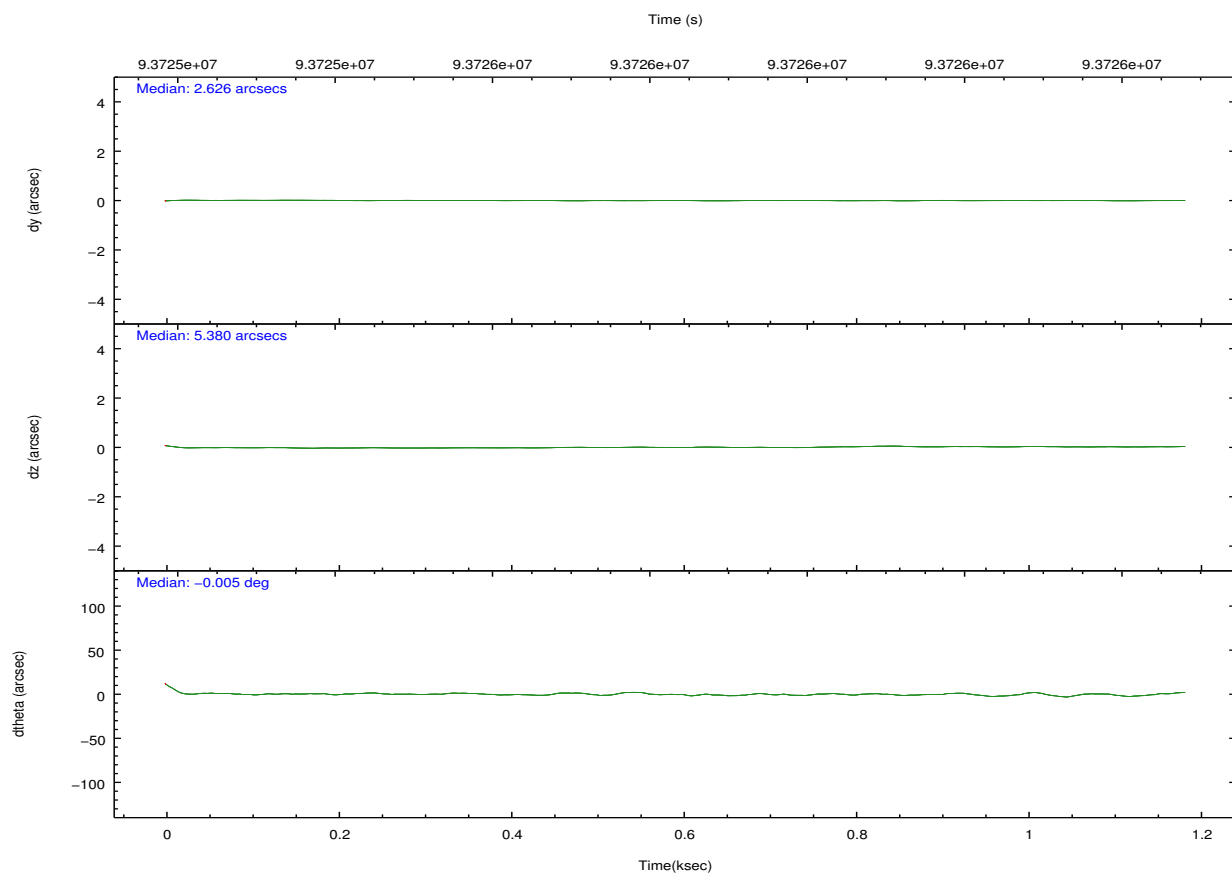
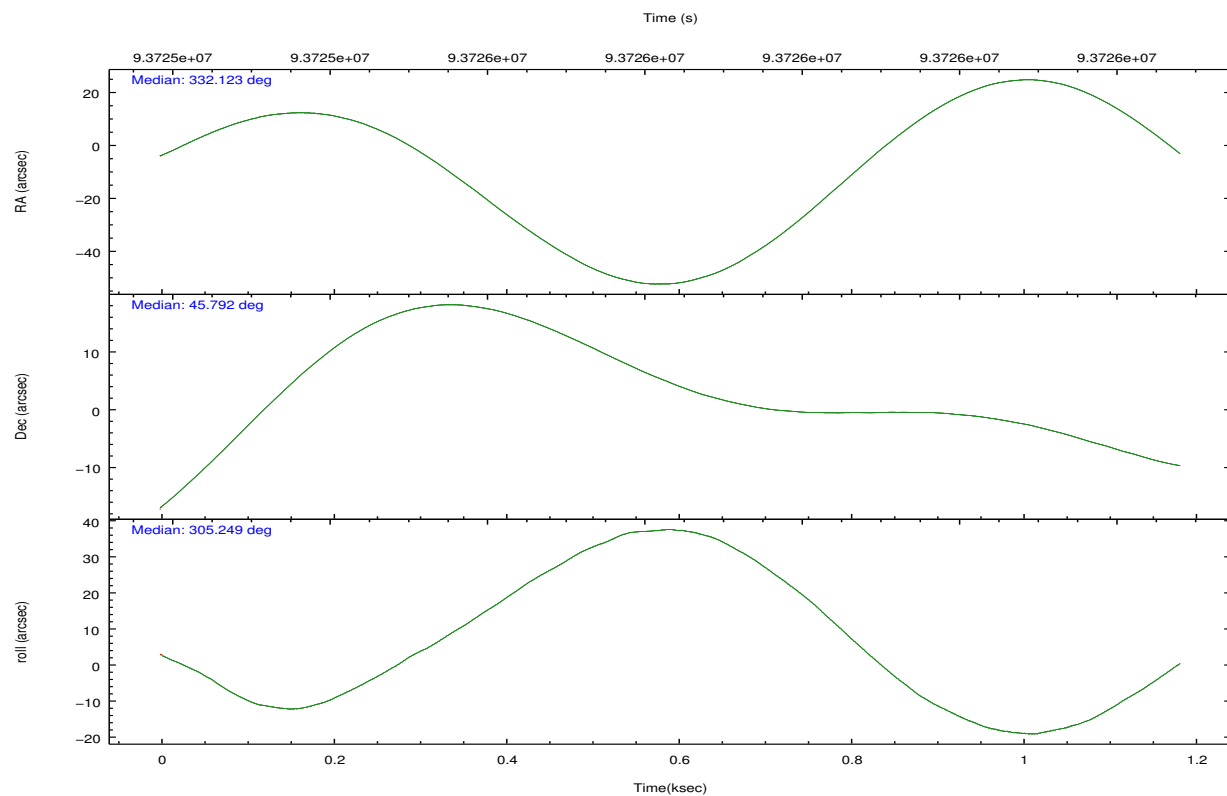
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.080586	332.1204050789909
[deg] Pointing Dec	45.803563	45.79307692172799
[deg] Pointing Roll	305.221150	305.259945913563
[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)	93725422.184000	93725045.889163
Observation start date	2000-12-20T18:49:18	2000-12-20T18:44:05
[s] Observation end time (MET)	93726422.184000	93726555.71422
Observation end date	2000-12-20T19:05:58	2000-12-20T19:09:15

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



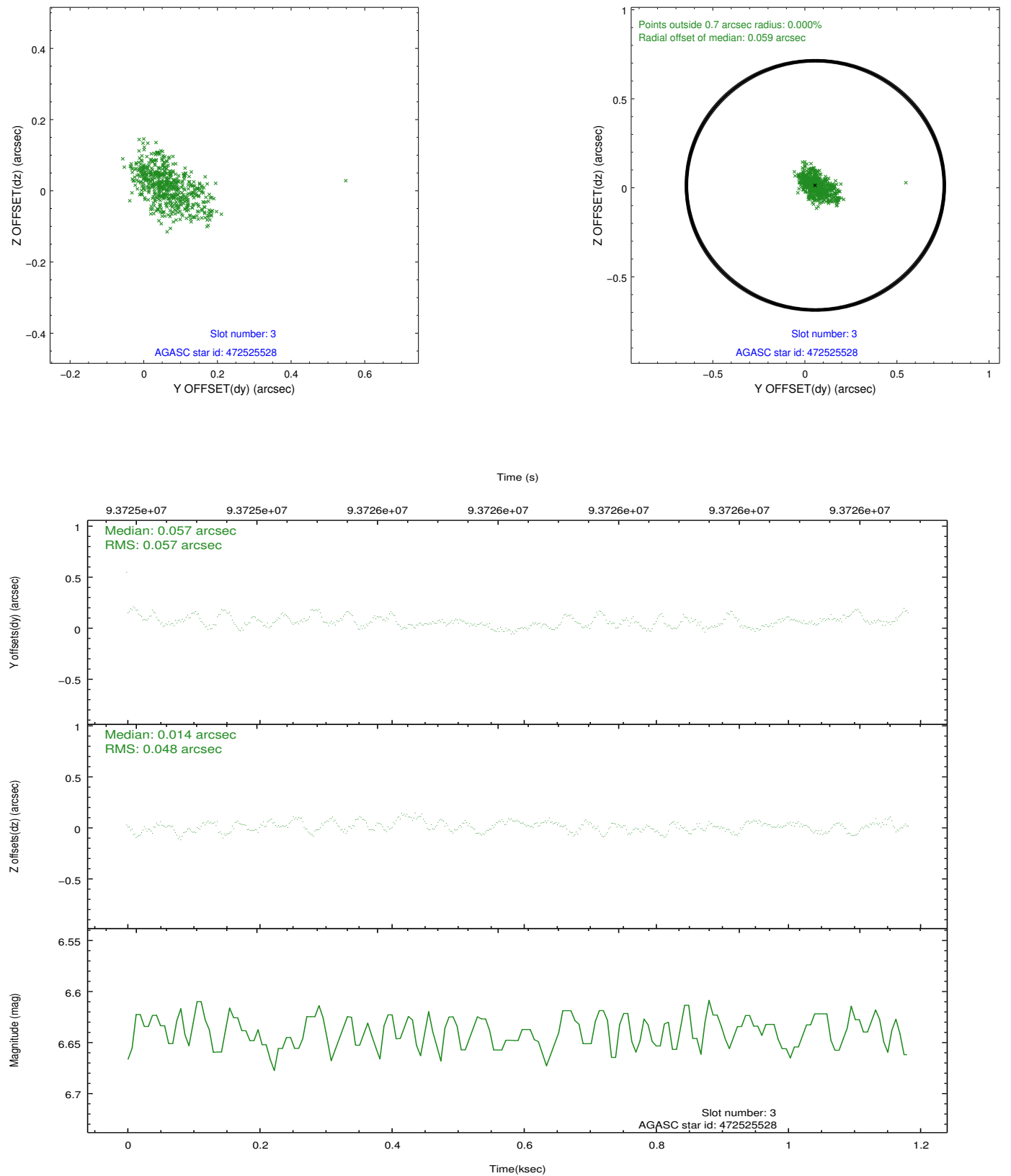


Slot Statistics

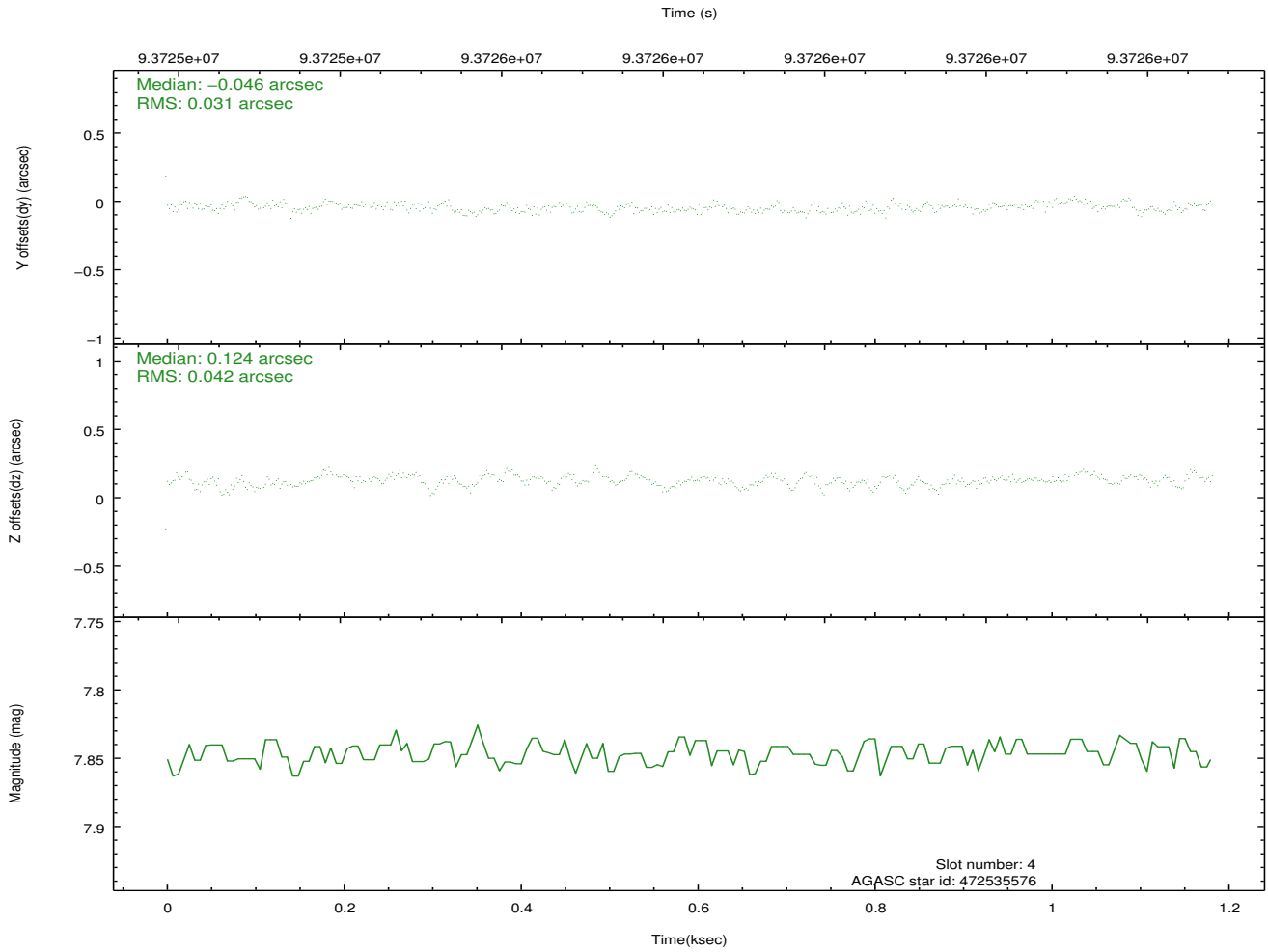
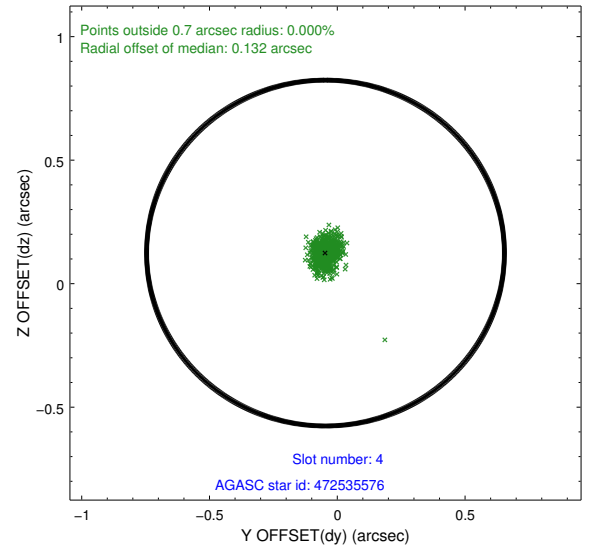
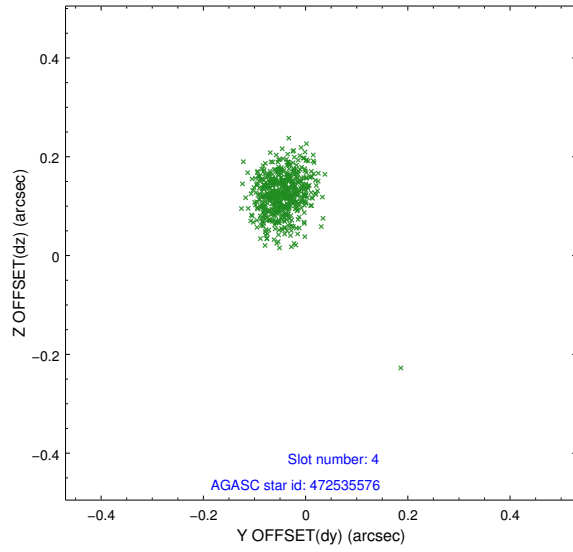
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	289	0.113	-0.153	0.006	0.010	0.000000	0.000000	-1156.67	-453.94
1	FID	HRC-S-3	7.00	289	0.151	-0.050	0.007	0.011	0.000000	0.000000	-1163.38	574.12
2	FID	HRC-S-4	6.93	289	0.123	-0.093	0.004	0.008	0.000000	0.000000	1237.55	580.25
3	GUIDE	472525528	6.64	578	0.057	0.014	0.077	0.129	331.551102	45.248694	853.20	-2250.56
4	GUIDE	472535576	7.85	578	-0.046	0.124	0.053	0.087	331.438373	46.291802	-2362.55	-296.74
5	GUIDE	472523760	8.23	578	0.042	-0.126	0.065	0.111	331.645363	45.403260	535.11	-1733.55
6	GUIDE	472665256	9.01	577	-0.070	-0.076	0.073	0.115	332.808125	46.195041	-113.50	2290.67
7	GUIDE	472659832	9.46	577	0.011	0.064	0.100	0.166	332.780399	46.098139	132.91	2042.32

2.4 Star Slots

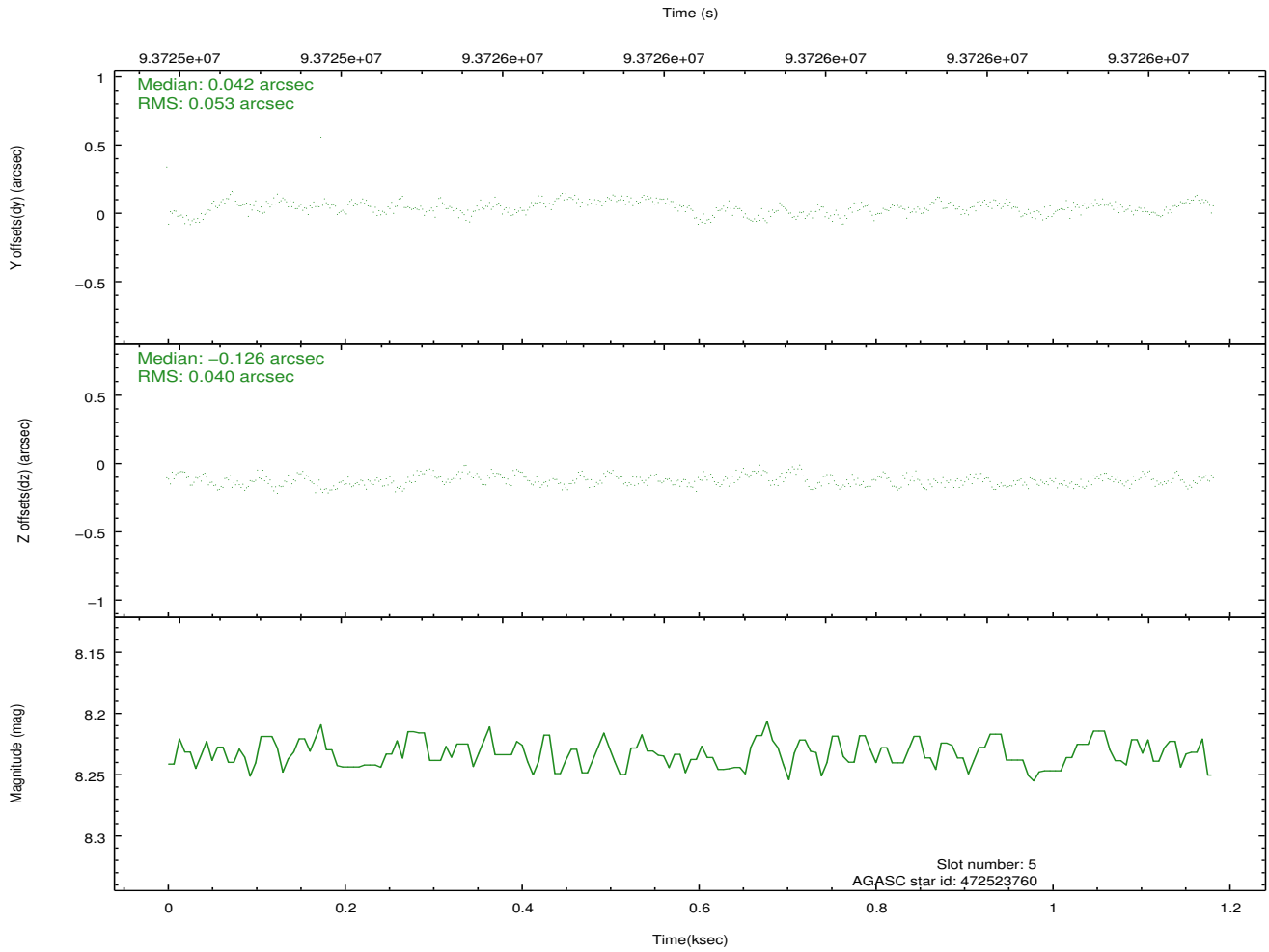
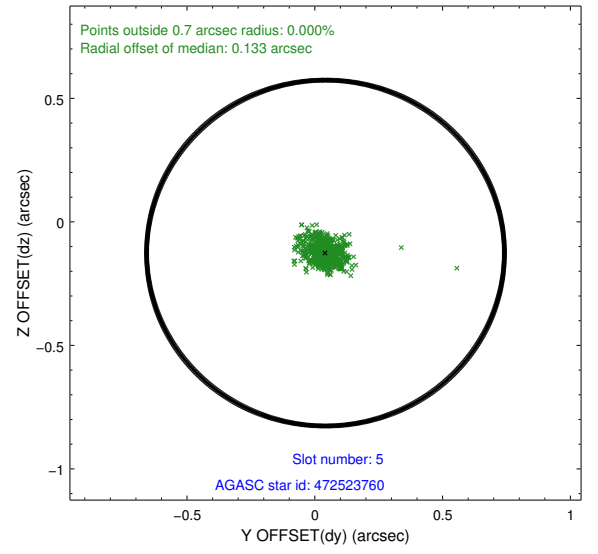
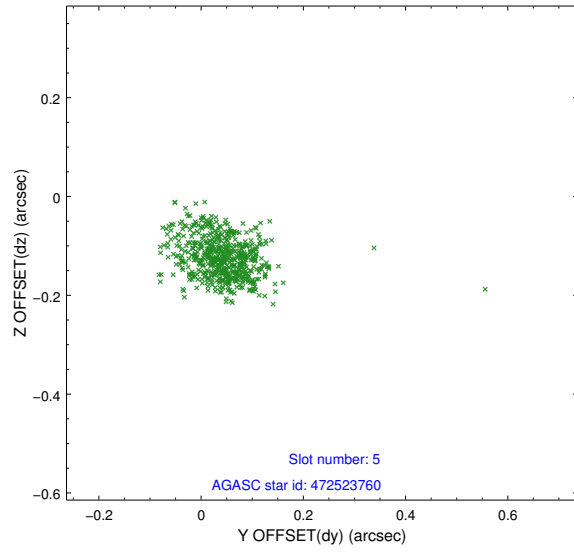
2.4.1 Slot 3



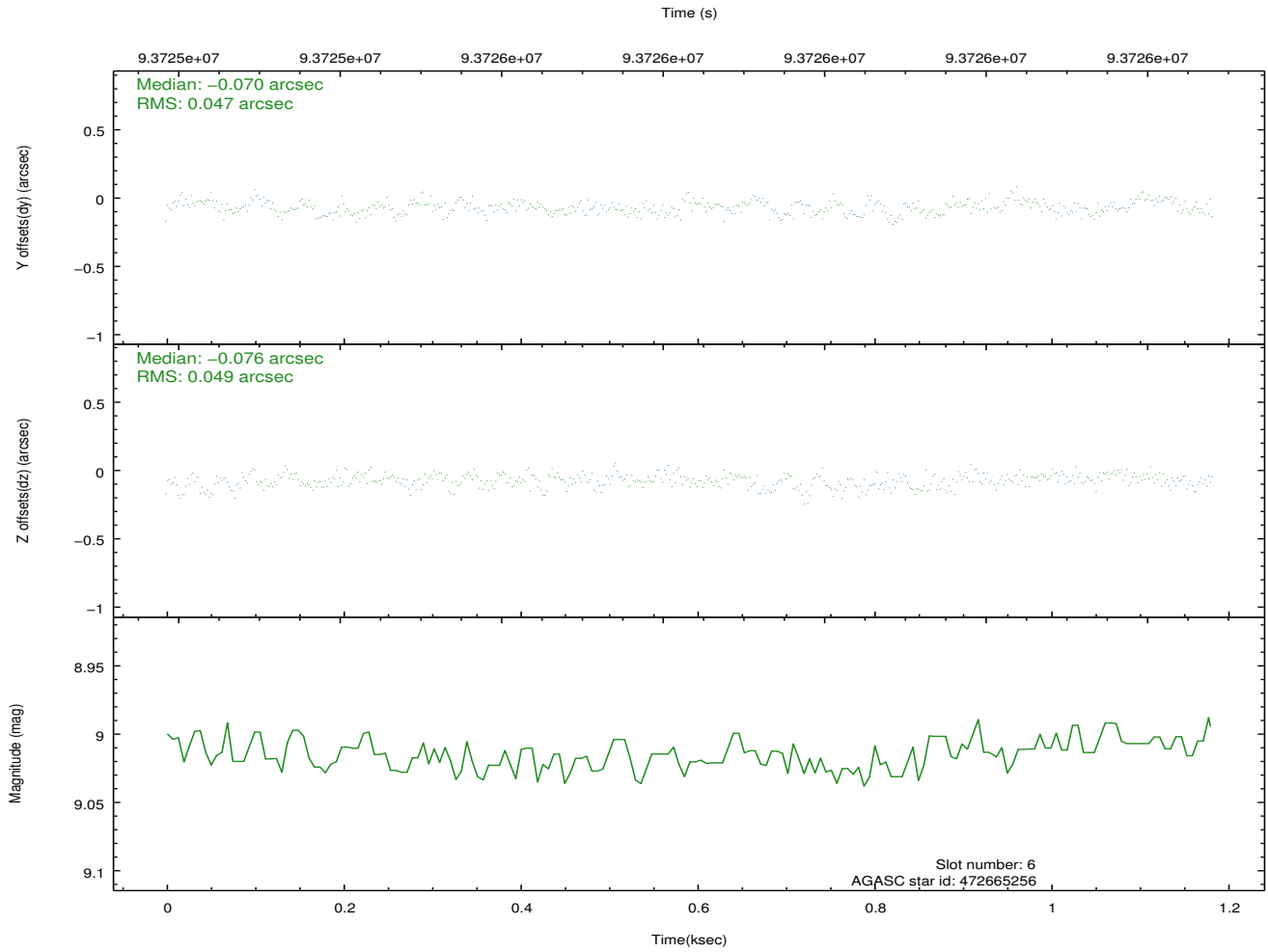
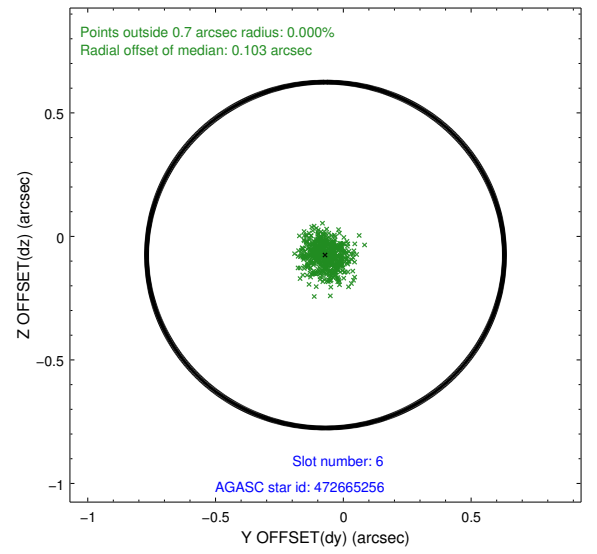
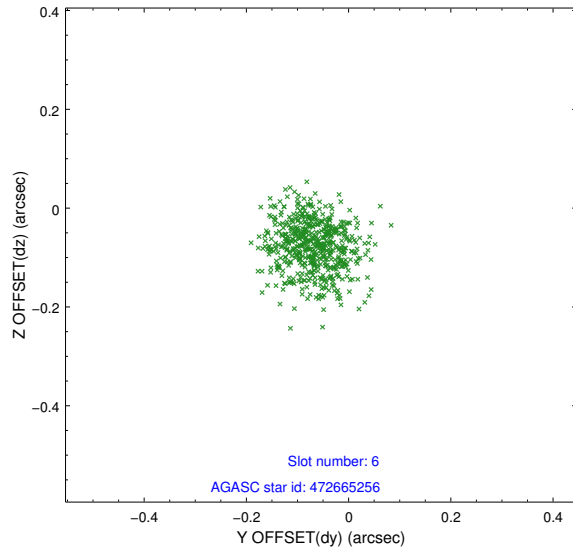
2.4.2 Slot 4



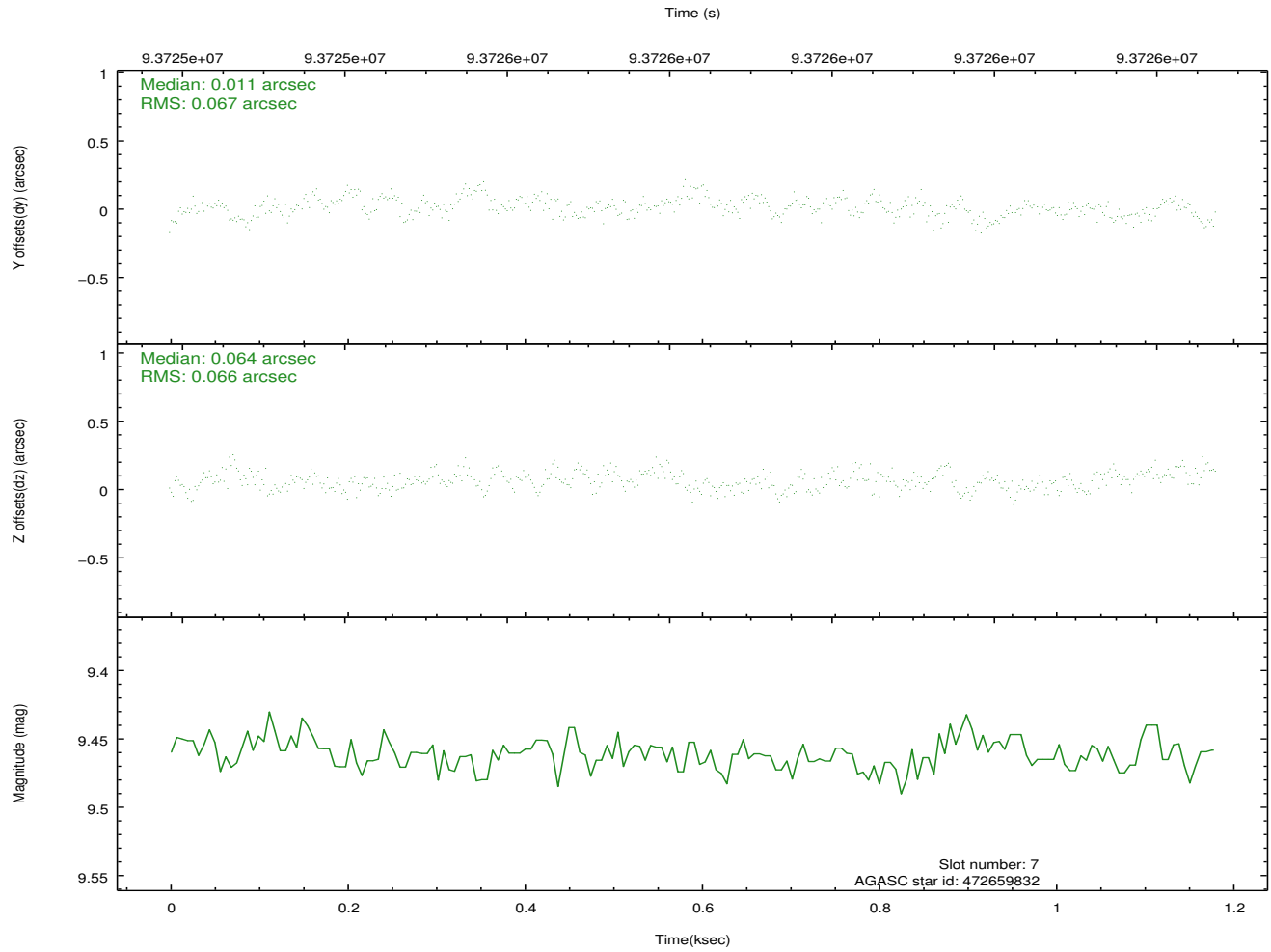
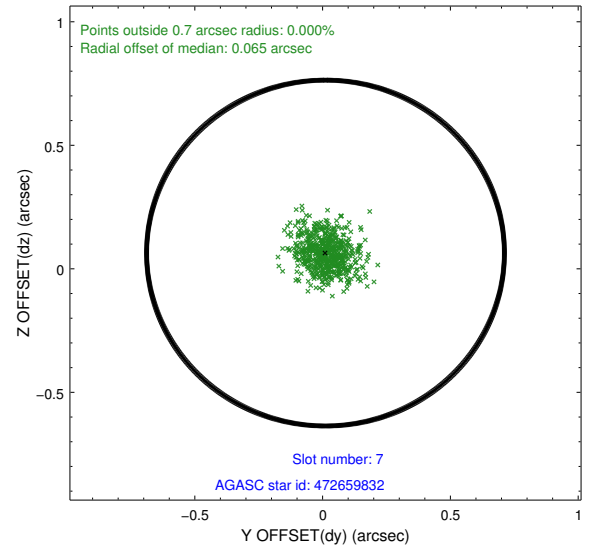
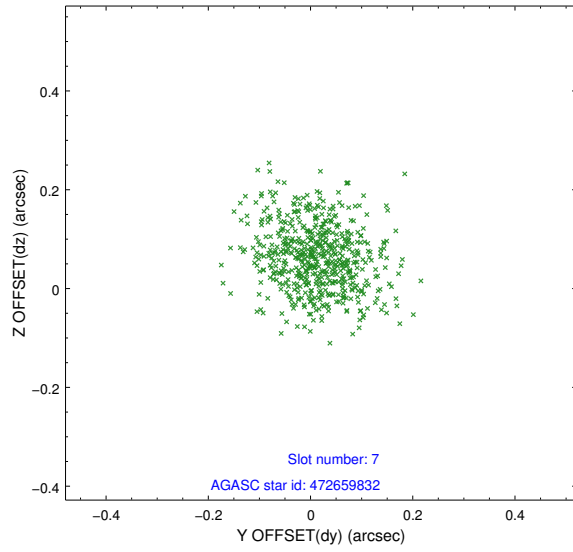
2.4.3 Slot 5



2.4.4 Slot 6

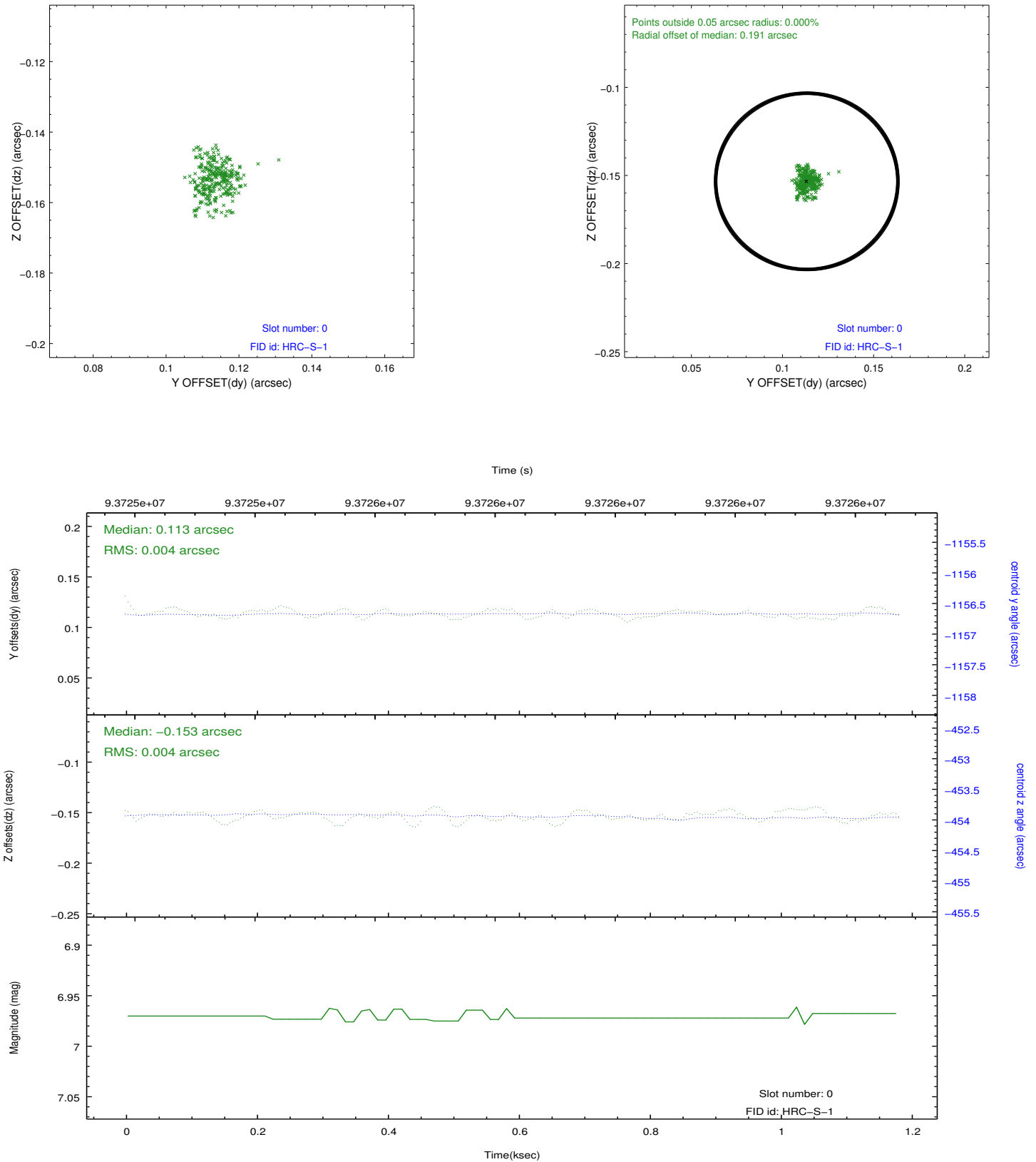


2.4.5 Slot 7

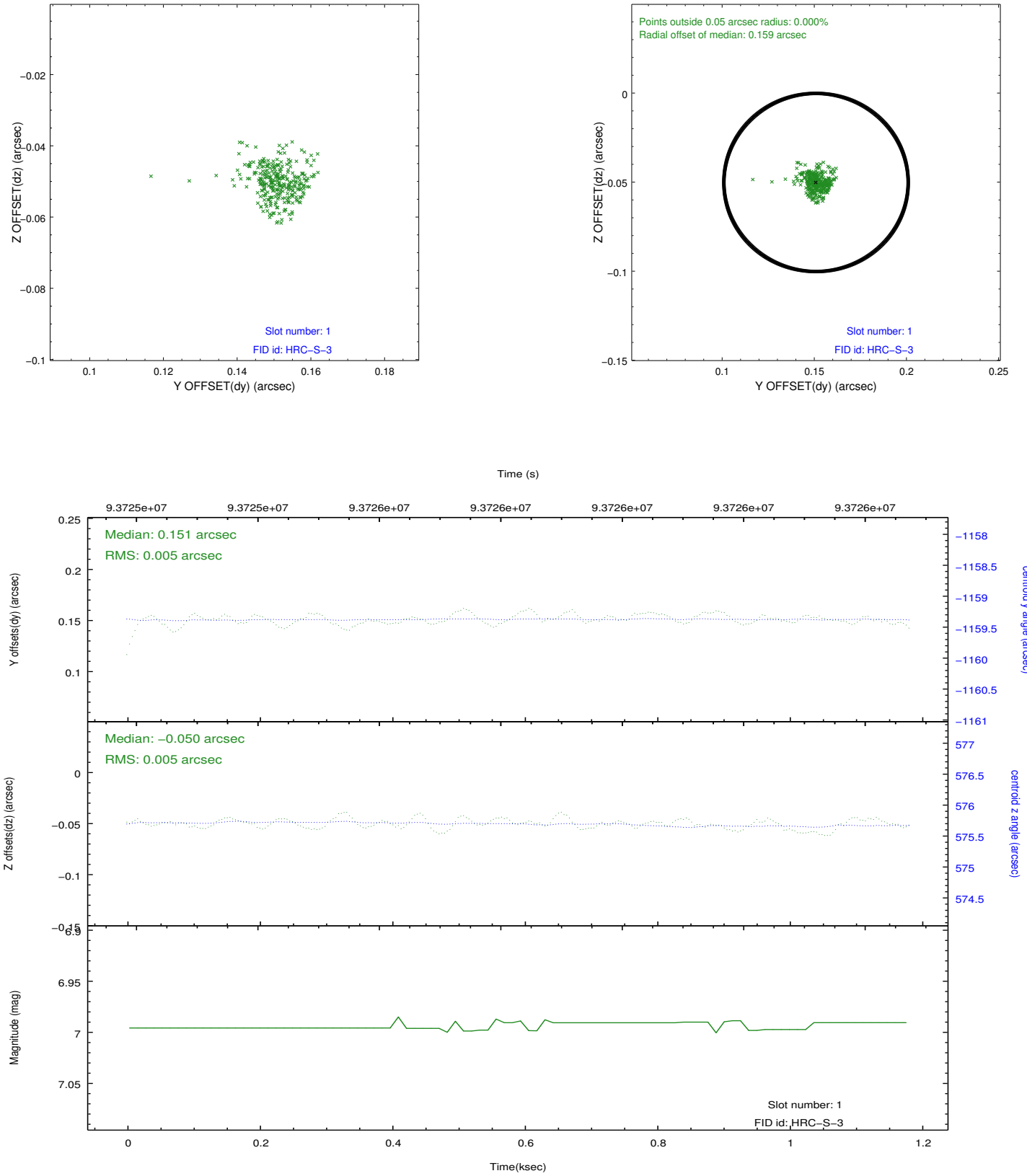


2.5 FID Slots

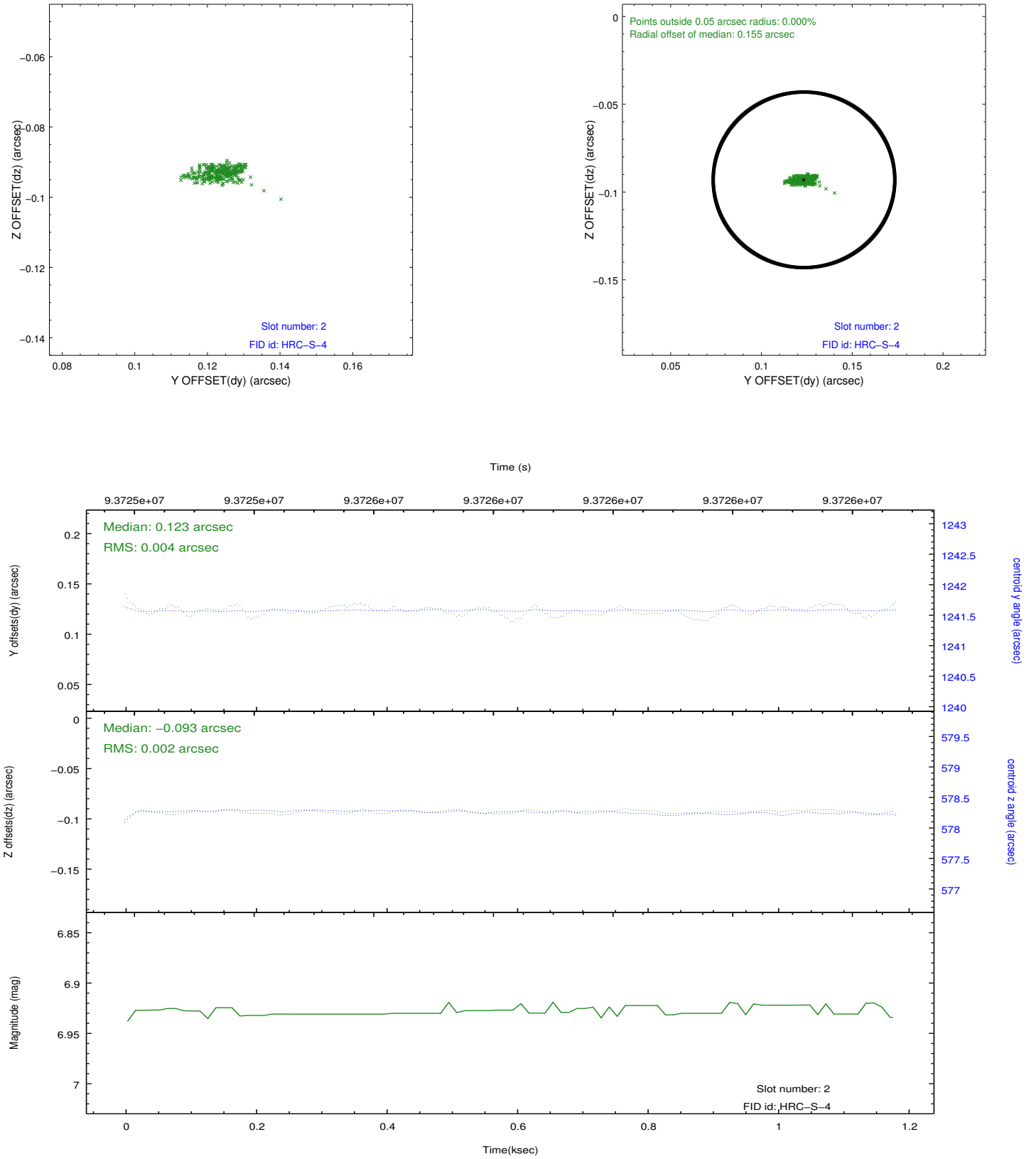
2.5.1 Slot 0



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)	2012.09.13
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 the charge time would have been 1.14 ksec.