

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2658 - L2 Version 4
Chandra X-Ray Center

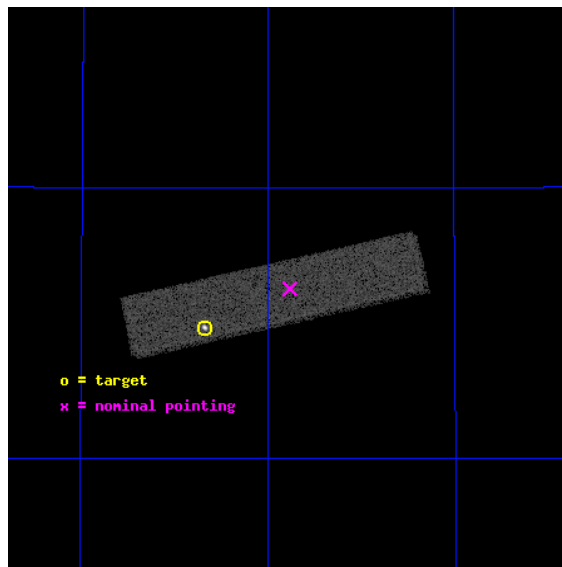
L2 Processing Date : Oct 13 2012

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1 Front

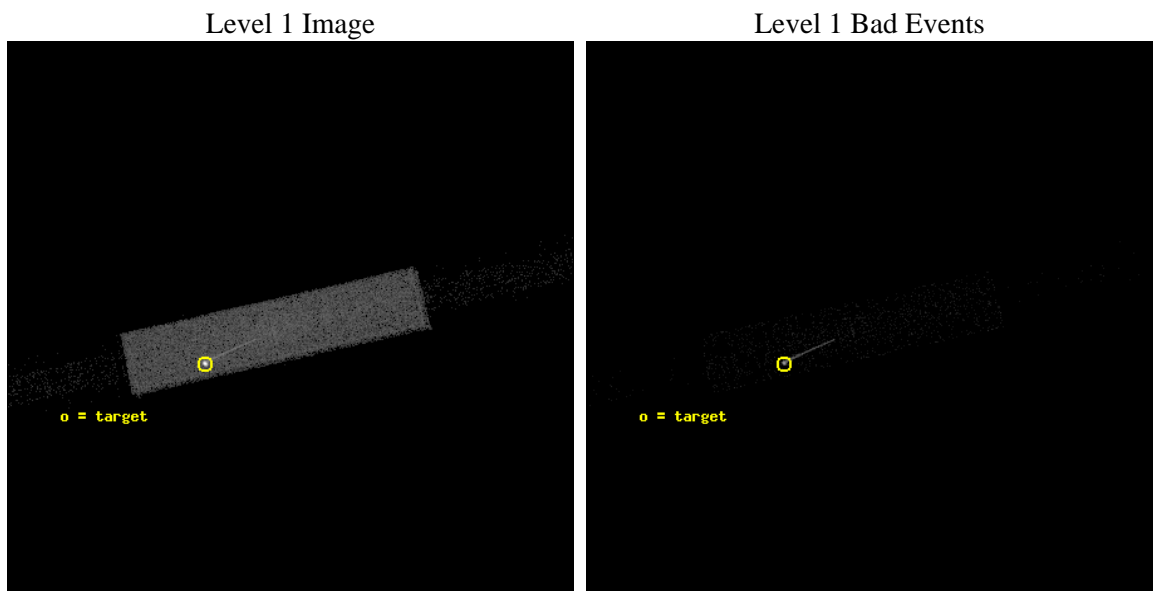
seq_num	290214	Sequence number
obs_id	2658	Observation id
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.94218348382	Nominal RA [deg]
dec_nom	45.814111166644	Nominal Dec [deg]
roll_nom	167.25397558558	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1142.1062970459	[s]
livetime	1136.3646005327	Ontime multiplied by DTCOR
l2events	40599	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	1142.1062970459	[s]
caldsver	4.5.2	 	l1events	67274	Number of level 1 events
date	2012-10-14T00:24:52	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

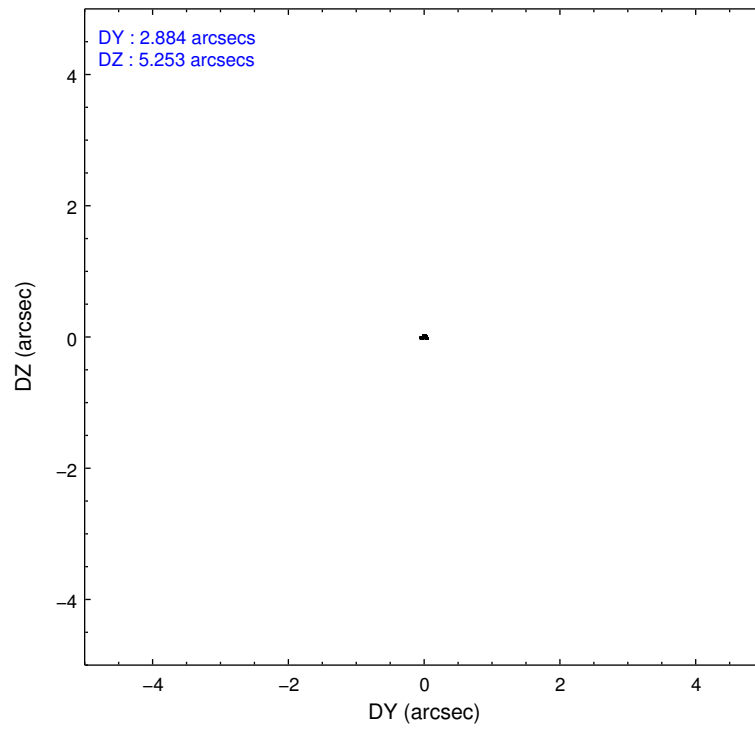
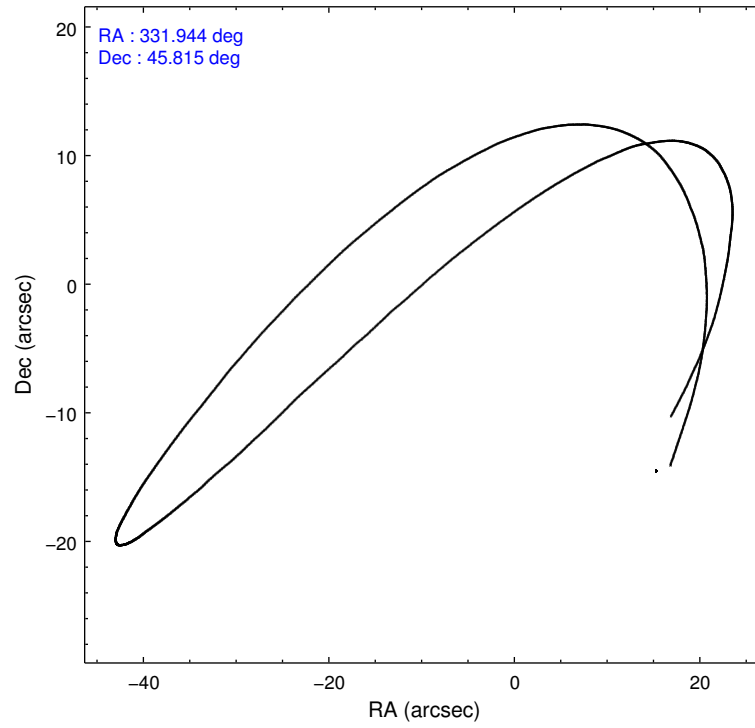
Level 1 Events

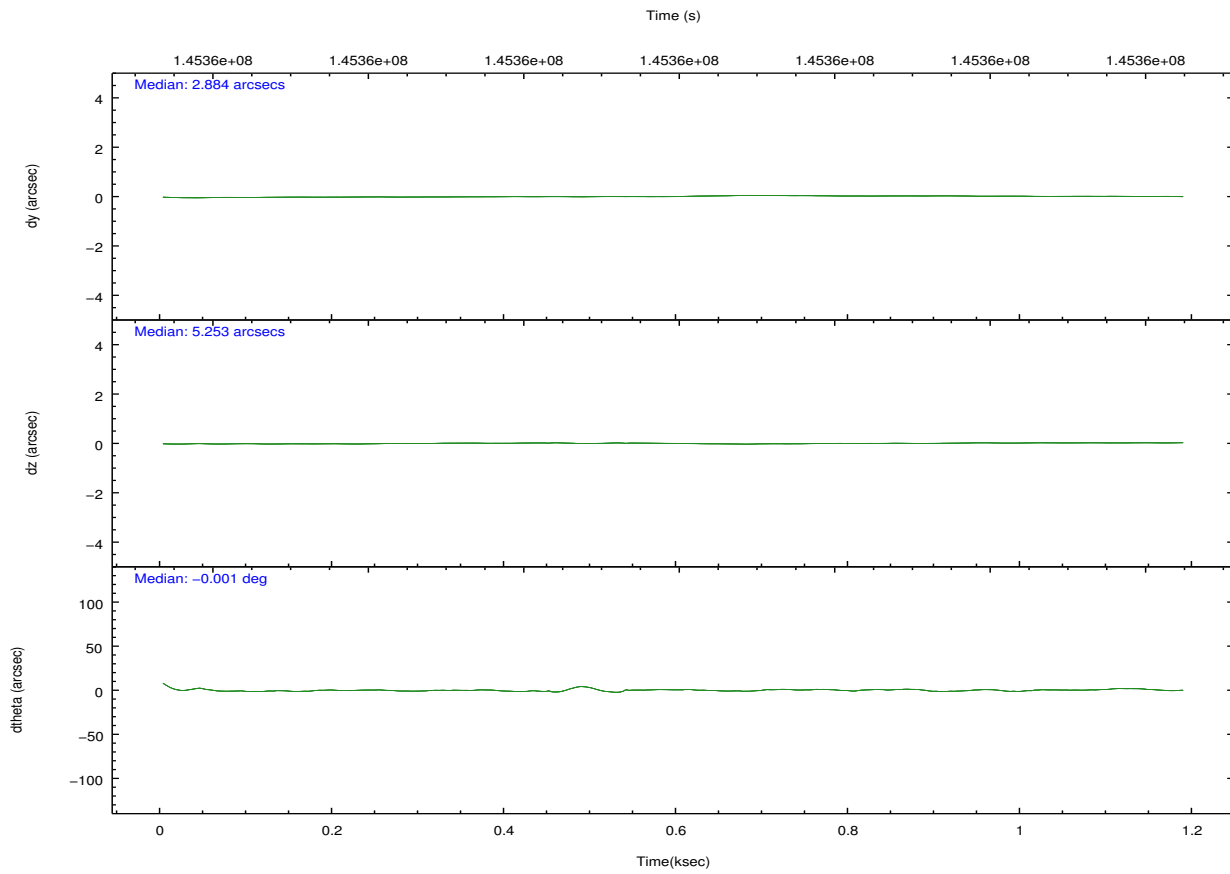
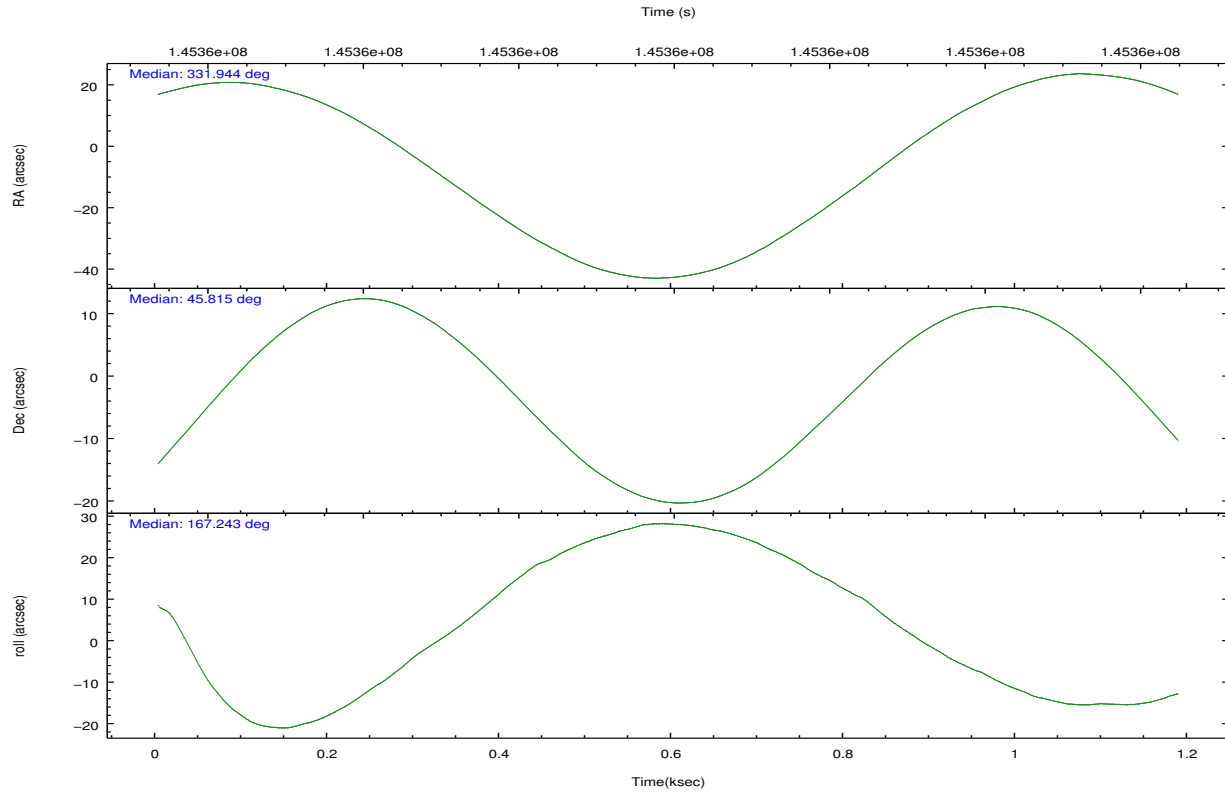
	segment 1	segment 2	segment 3
level 1 events	1055	65133	1086
rejected events	1055	15097	1086
rejected %	100%	23%	100%

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	331.979775	331.9421834838215			
[deg] Pointing Dec	45.822985	45.81411116664383			
[deg] Pointing Roll	167.159586	167.2539755855816			
[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)	145357390.184000	145357014.18981			
Observation start date	2002-08-10T09:02:06	2002-08-10T08:56:54			
[s] Observation end time (MET)	145358390.184000	145358524.52737			
Observation end date	2002-08-10T09:18:46	2002-08-10T09:22:04			

2.3 Aspect



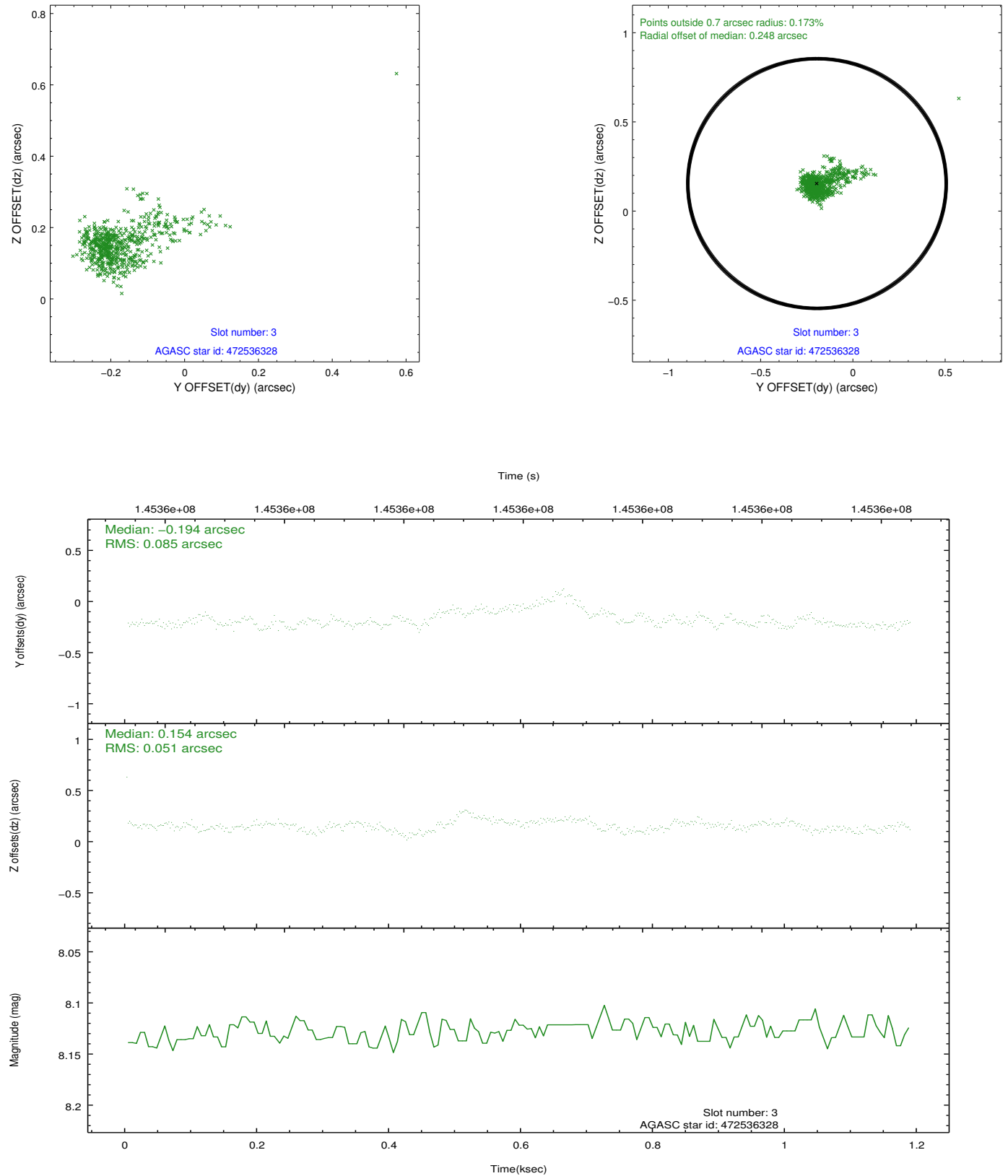


Slot Statistics

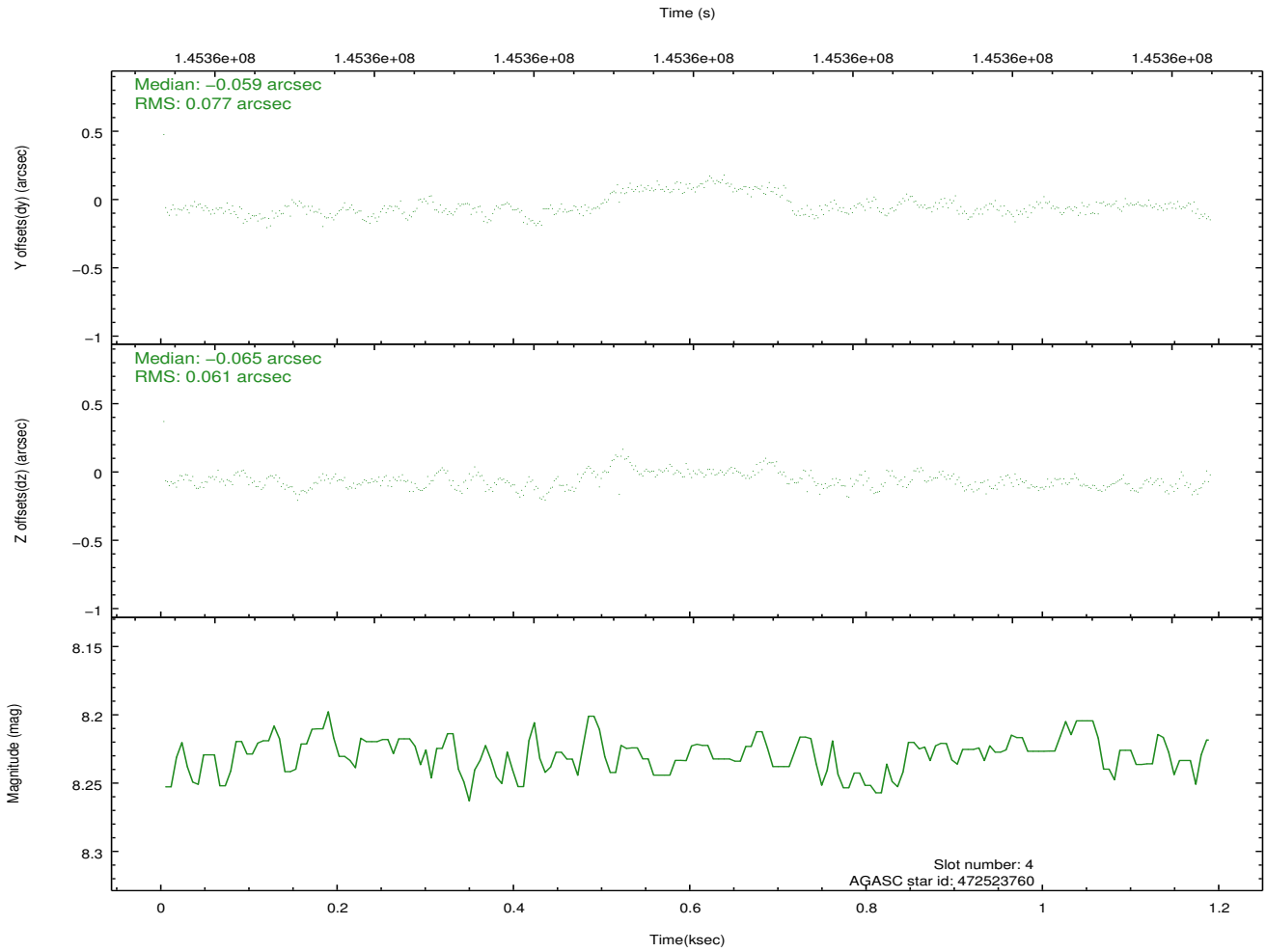
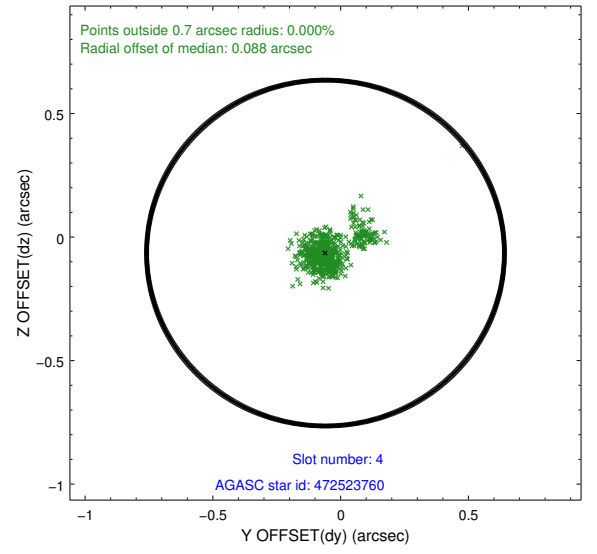
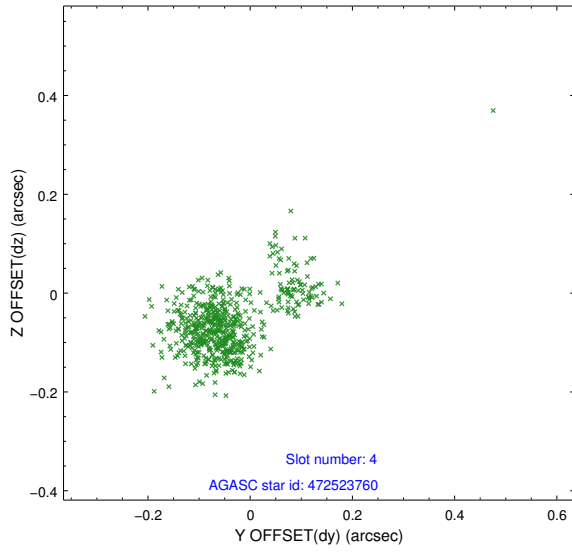
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.98	290	0.125	-0.099	0.009	0.019	0.000000	0.000000	1242.73	-446.40
1	FID	HRC-S-3	7.01	290	0.137	-0.103	0.005	0.012	0.000000	0.000000	-1155.35	574.30
2	FID	HRC-S-4	6.94	290	0.144	-0.094	0.010	0.020	0.000000	0.000000	1237.37	580.30
3	GUIDE	472536328	8.13	579	-0.194	0.154	0.080	0.183	331.496671	46.454831	1677.74	-1950.49
4	GUIDE	472523760	8.23	580	-0.059	-0.065	0.085	0.191	331.645363	45.403260	494.33	1660.21
5	GUIDE	472665256	9.01	580	0.213	0.147	0.090	0.174	332.808125	46.195041	-1708.17	-1768.24
6	GUIDE	472537064	8.94	577	-0.107	0.014	0.102	0.178	331.323423	46.483499	2116.59	-1961.96
7	GUIDE	472655704	9.48	579	0.173	-0.217	0.152	0.701	332.167195	45.285228	-886.54	1781.86

2.4 Star Slots

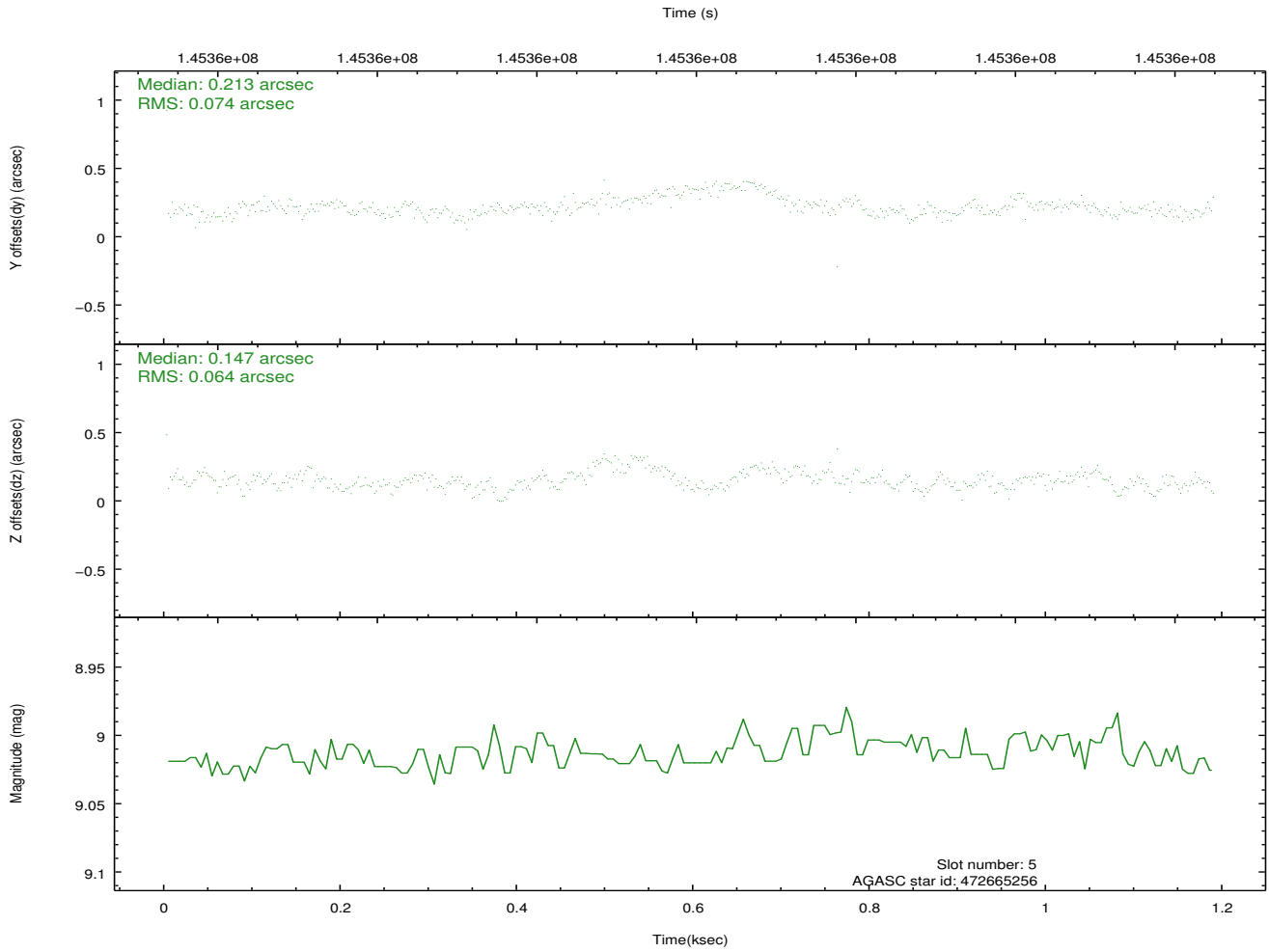
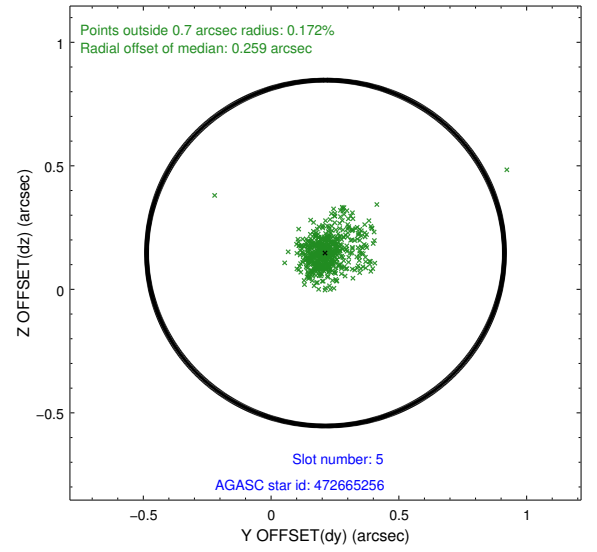
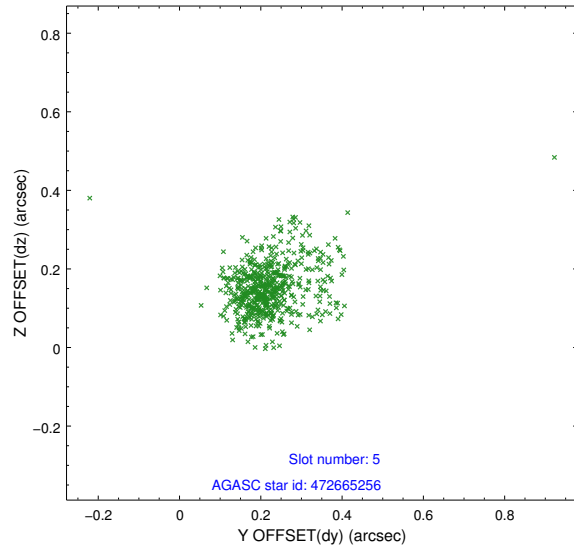
2.4.1 Slot 3



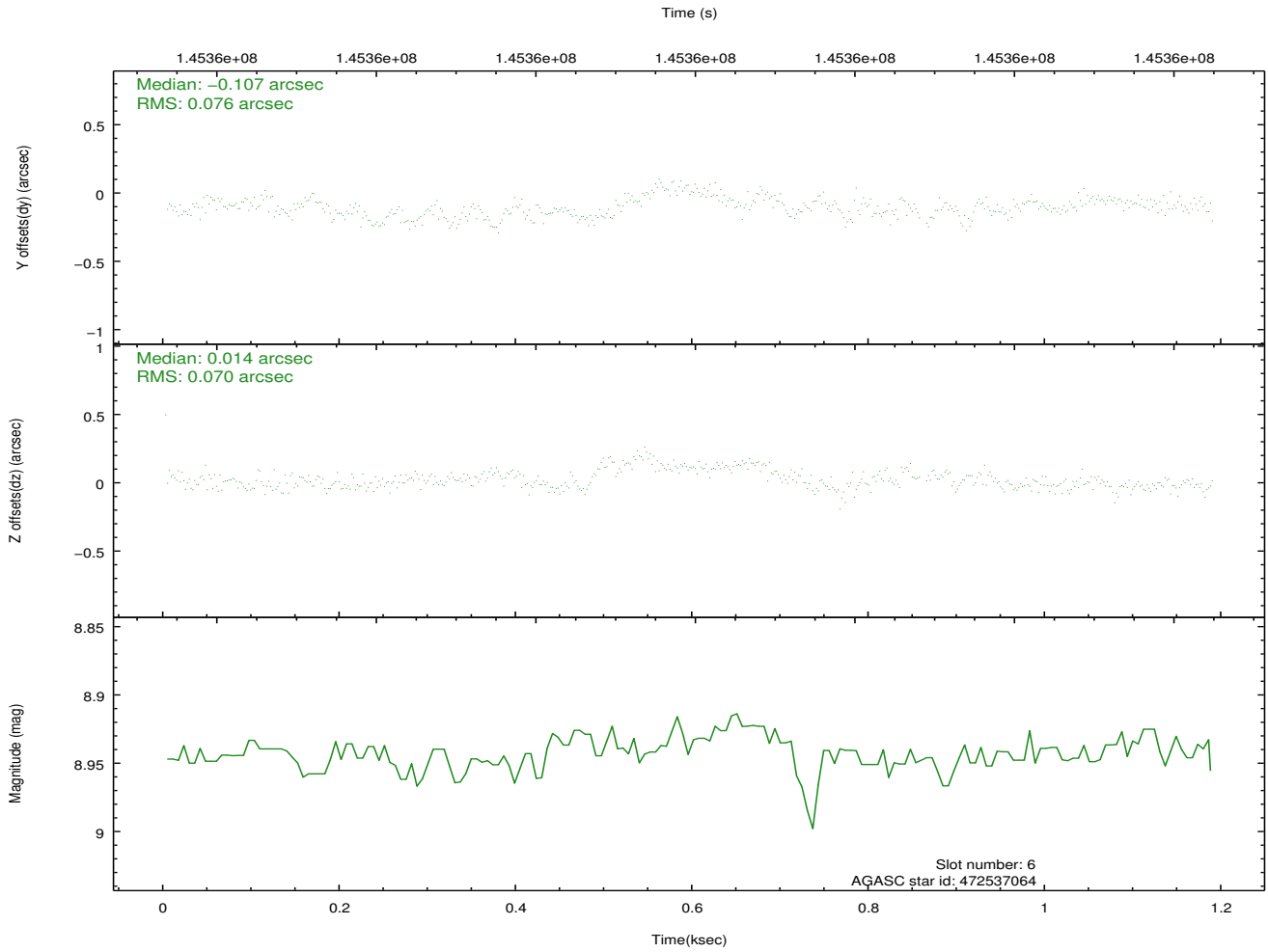
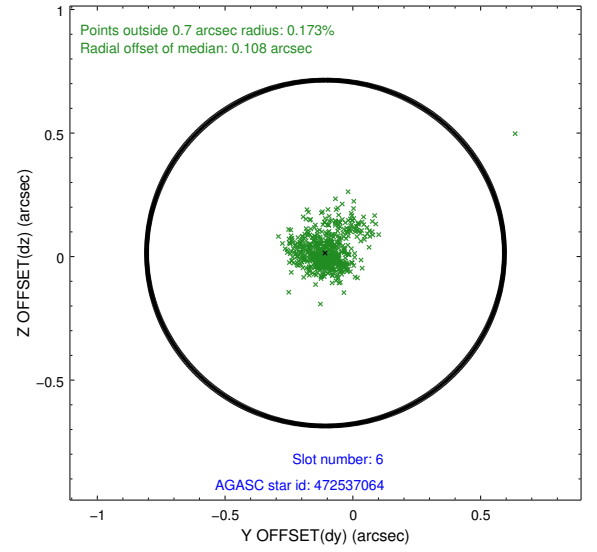
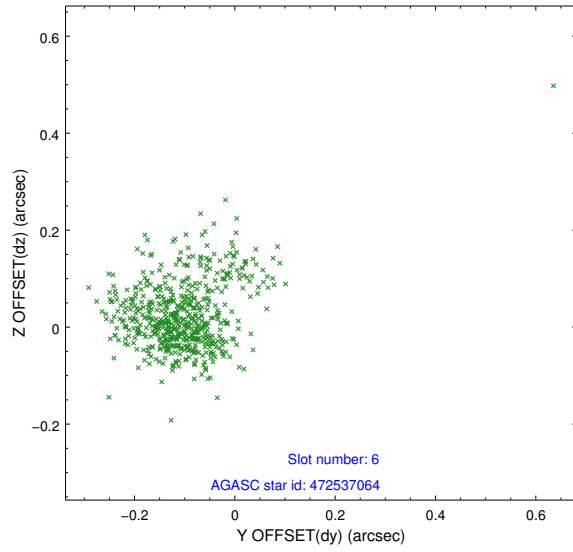
2.4.2 Slot 4



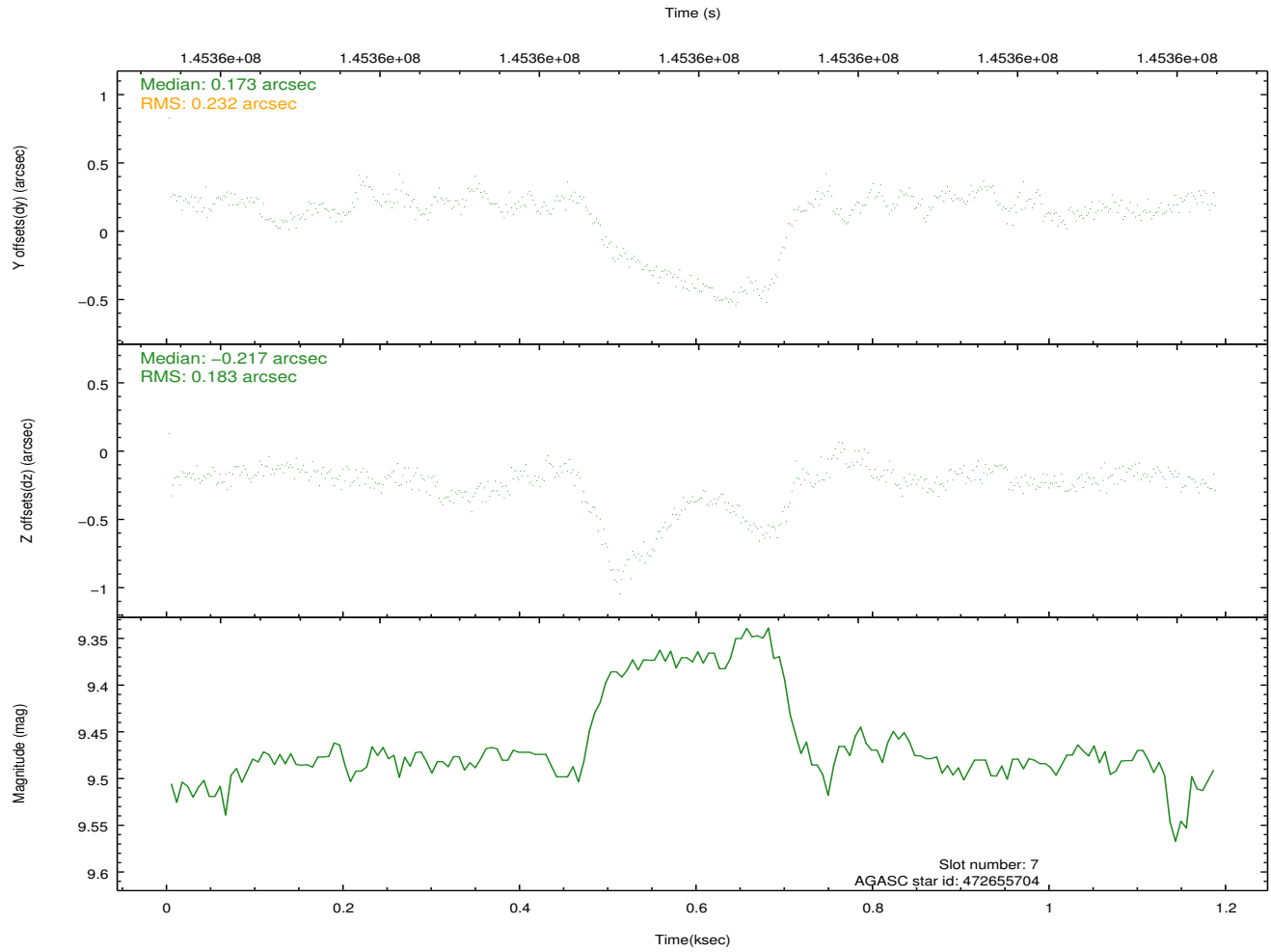
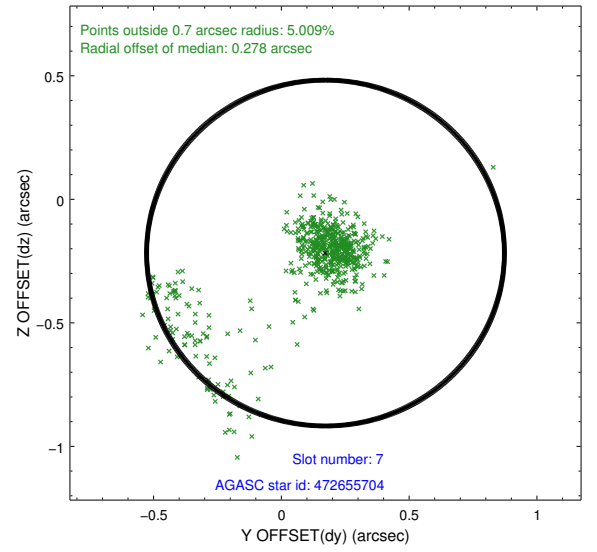
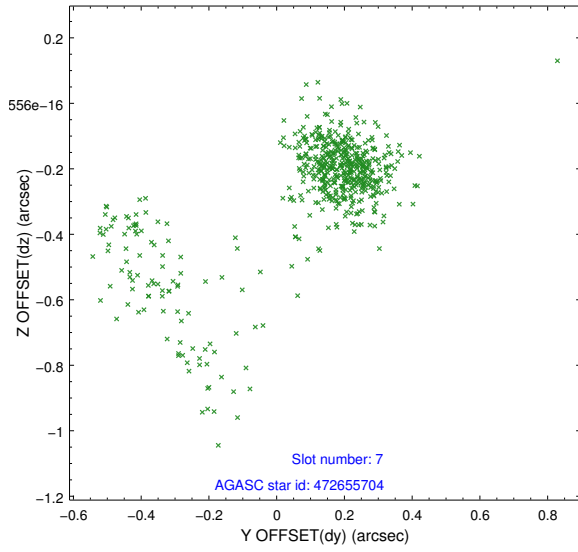
2.4.3 Slot 5



2.4.4 Slot 6

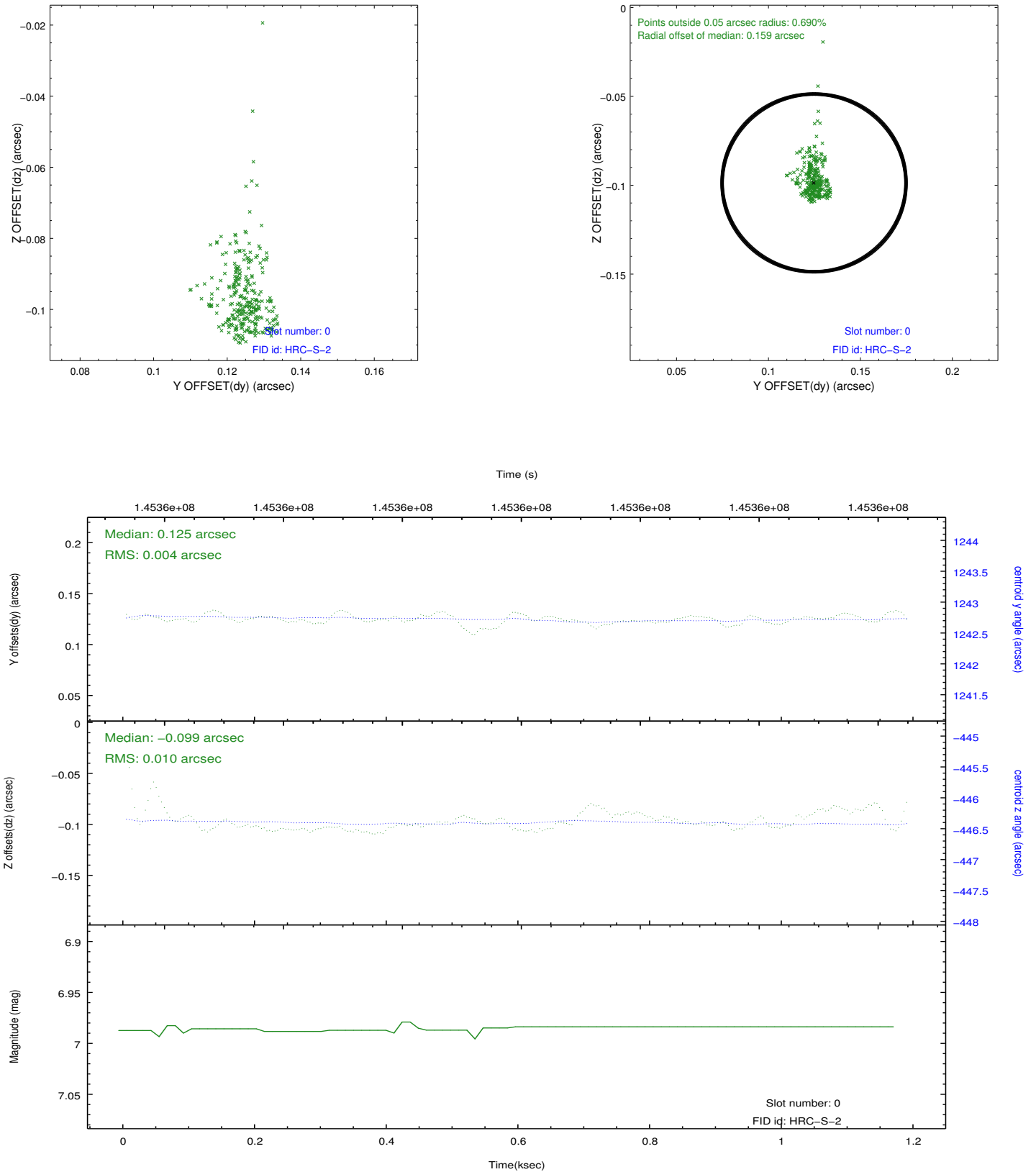


2.4.5 Slot 7

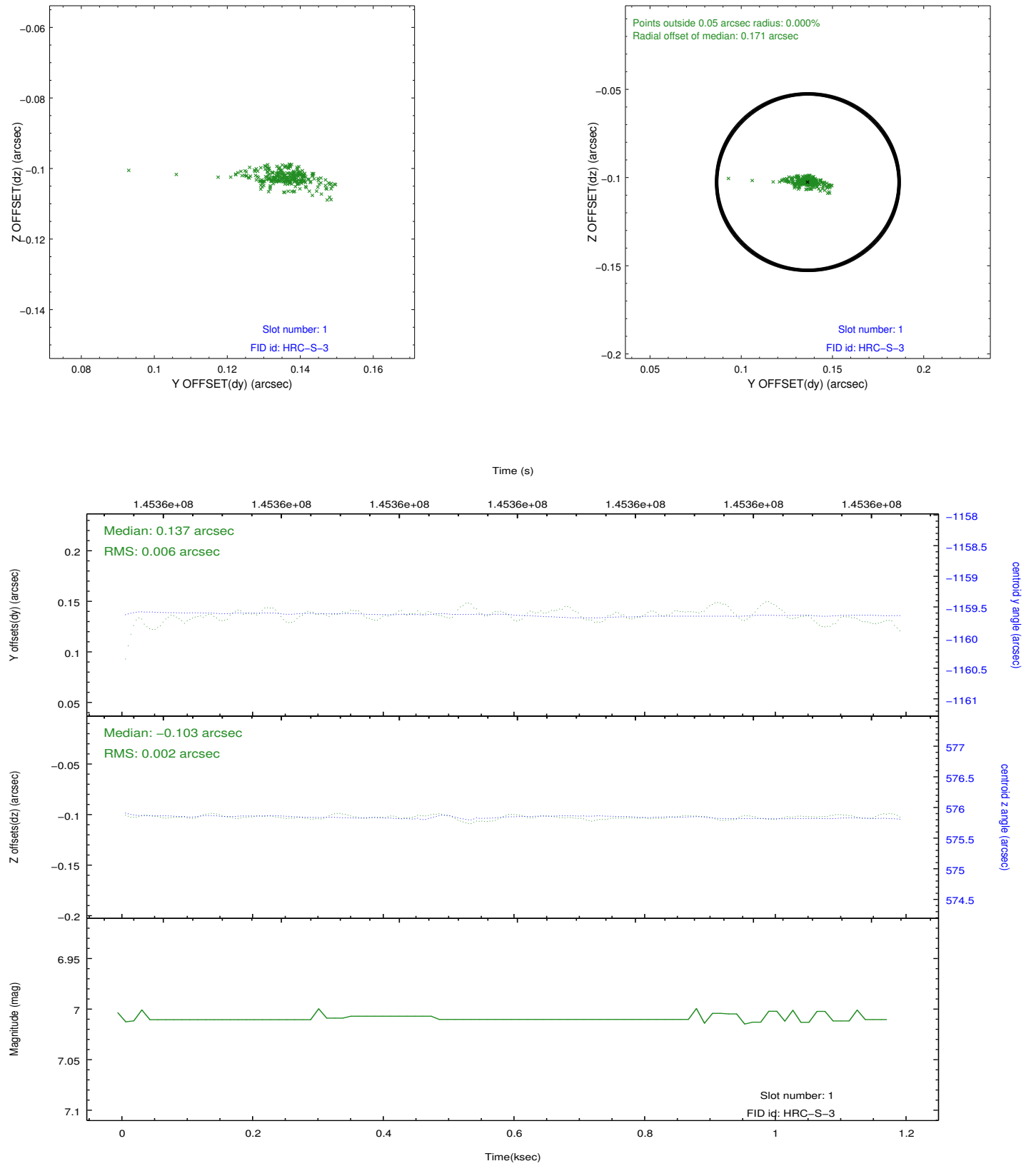


2.5 FID Slots

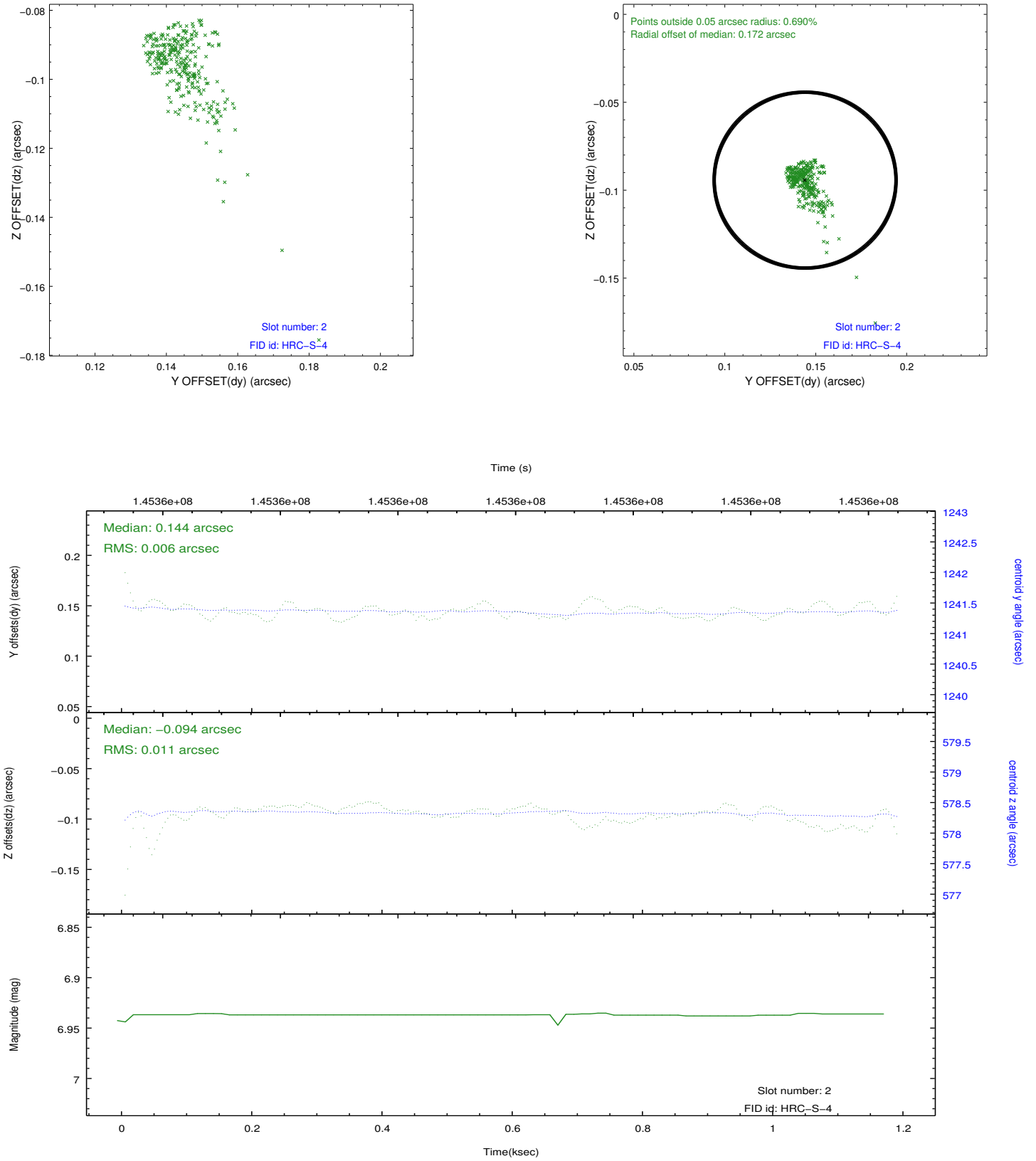
2.5.1 Slot 0



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)	2012.10.23
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 new processing it would be 1.14 ksec. Monitoring constraint met.