

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2629 - L2 Version 3
Chandra X-Ray Center

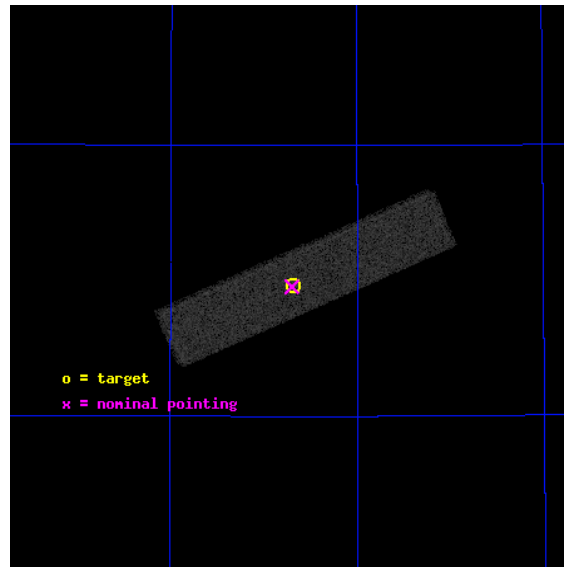
L2 Processing Date : Oct 1 2012

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1 Front

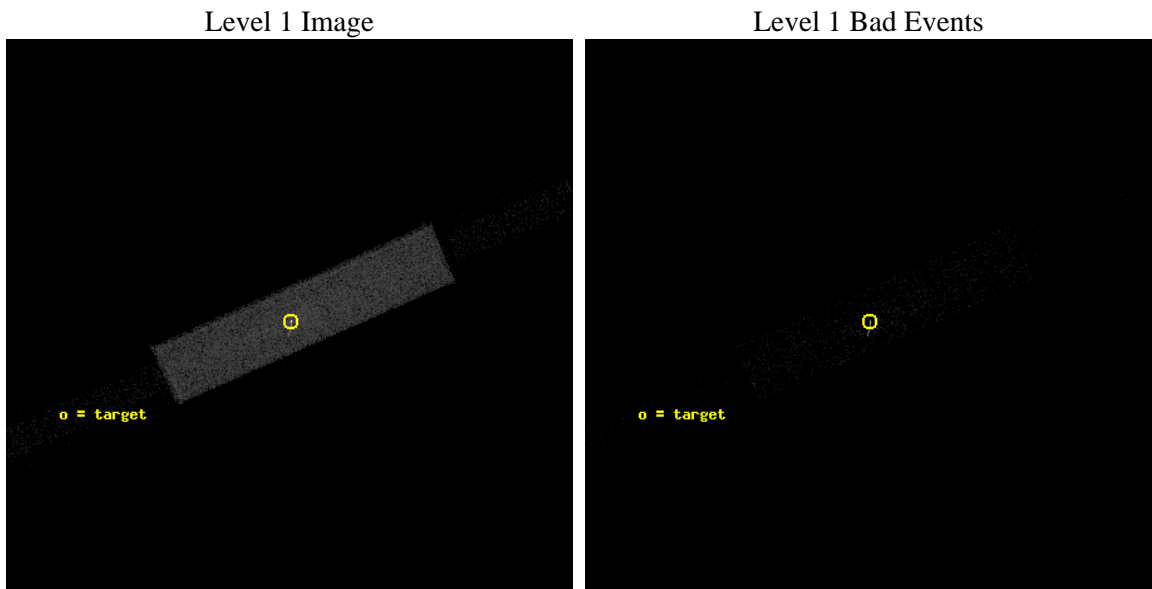
seq_num	290185	Sequence number
obs_id	2629	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1748537422	Nominal RA [deg]
dec_nom	45.739489852363	Nominal Dec [deg]
roll_nom	336.23282506114	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1142.1062960178	[s]
livetime	1136.0161797118	Ontime multiplied by DTCOR
l2events	42039	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	1142.1062960178	[s]
caldsver	4.5.2	 	l1events	69956	Number of level 1 events
date	2012-10-01T03:03:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

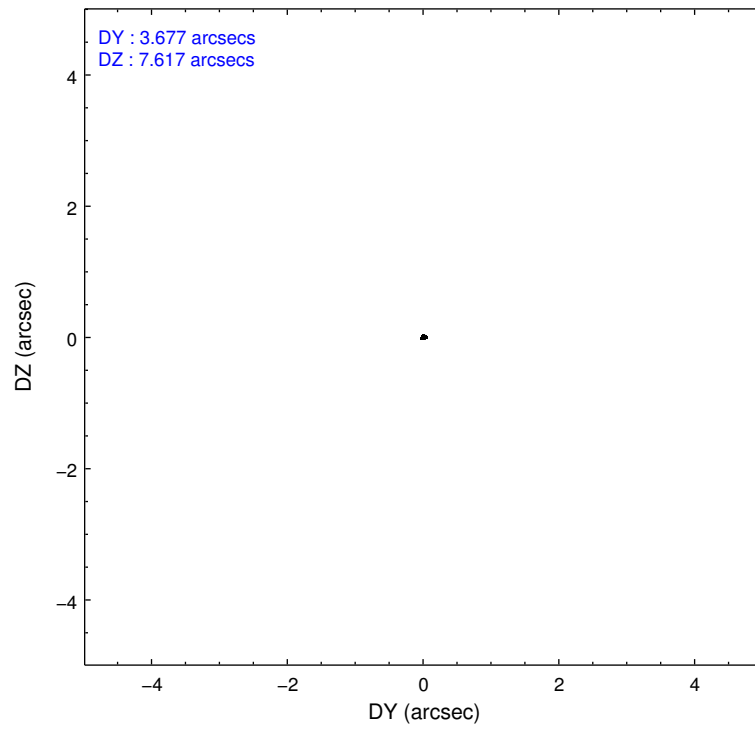
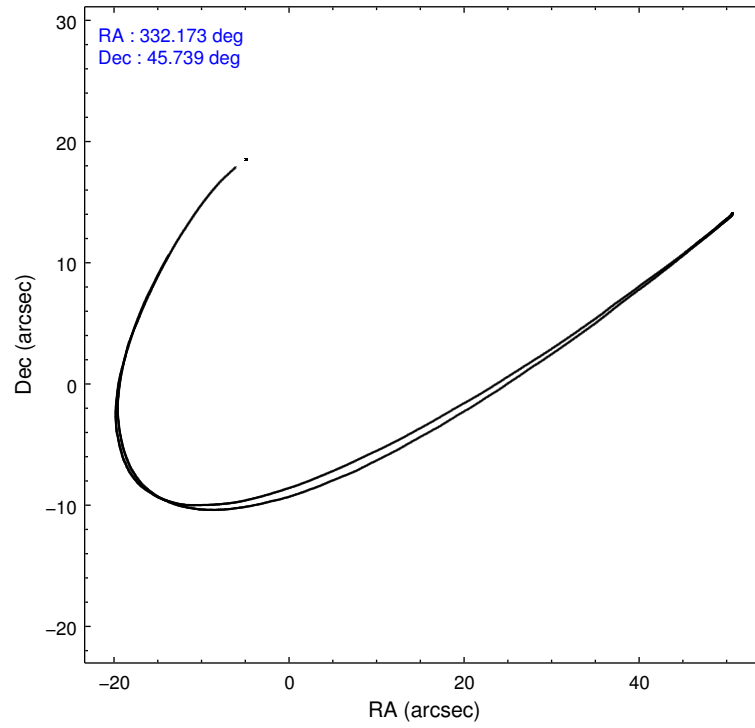
Level 1 Events

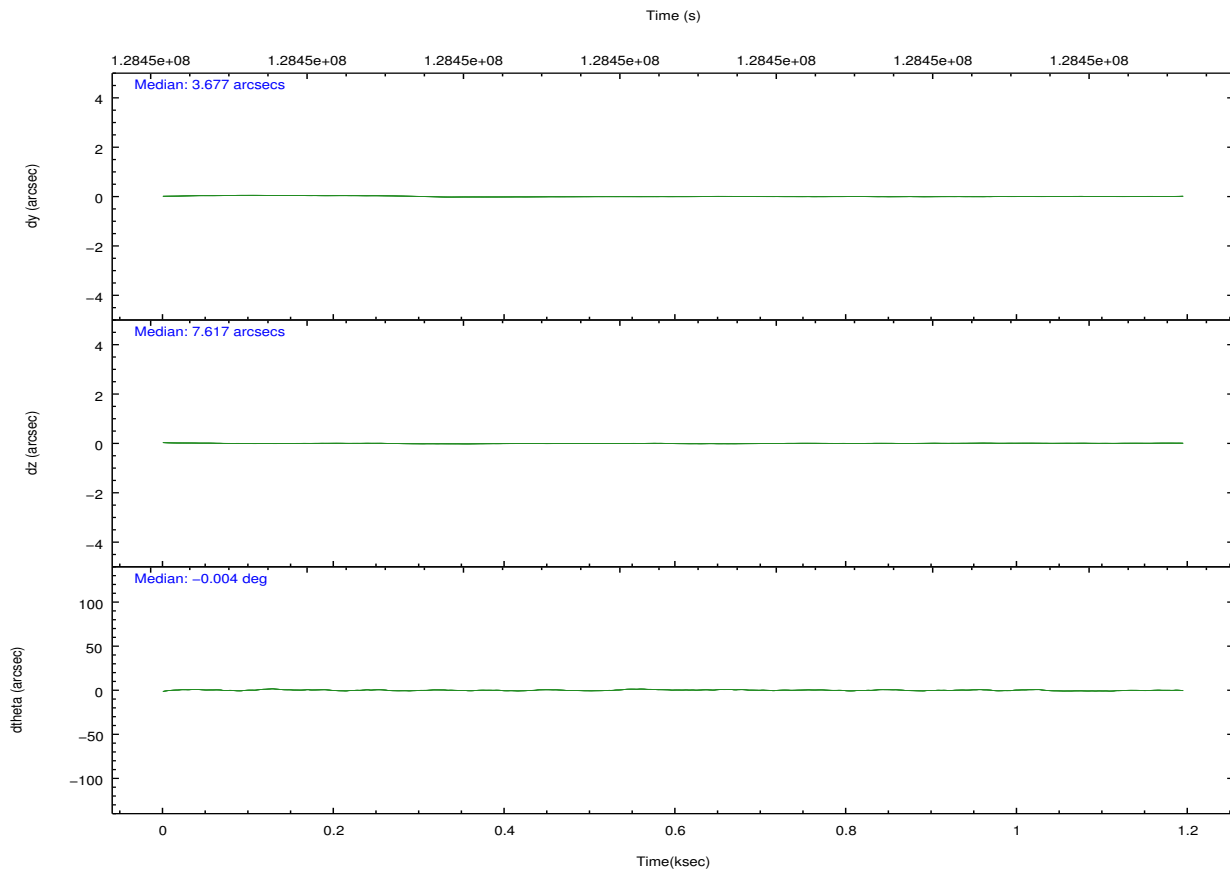
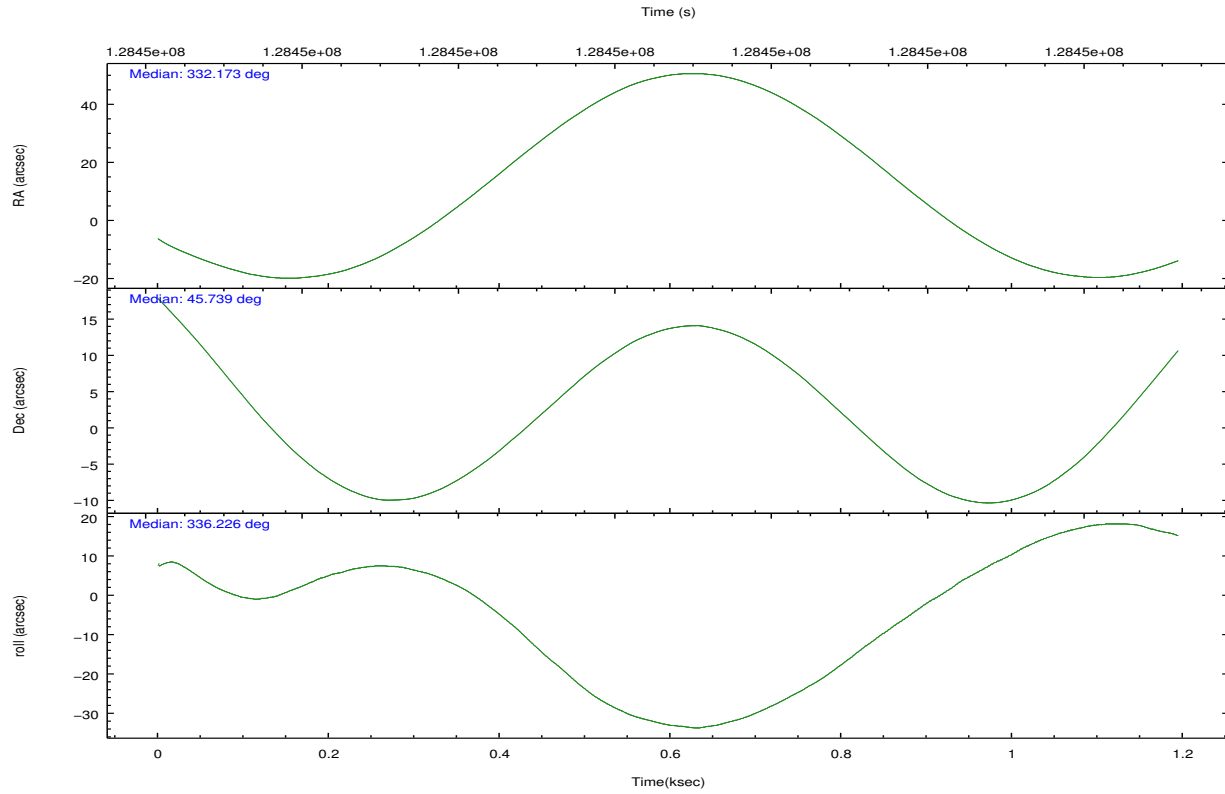
	segment 1	segment 2	segment 3
level 1 events	1167	67652	1137
rejected events	1167	15675	1137
rejected %	100%	23%	100%

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	332.135599	332.1748537421985			
[deg] Pointing Dec	45.735781	45.73948985236298			
[deg] Pointing Roll	336.193662	336.2328250611441			
[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)	128448067.184000	128447691.00104			
Observation start date	2002-01-26T16:00:03	2002-01-26T15:54:51			
[s] Observation end time (MET)	128449067.184000	128449201.3386			
Observation end date	2002-01-26T16:16:43	2002-01-26T16:20:01			

2.3 Aspect



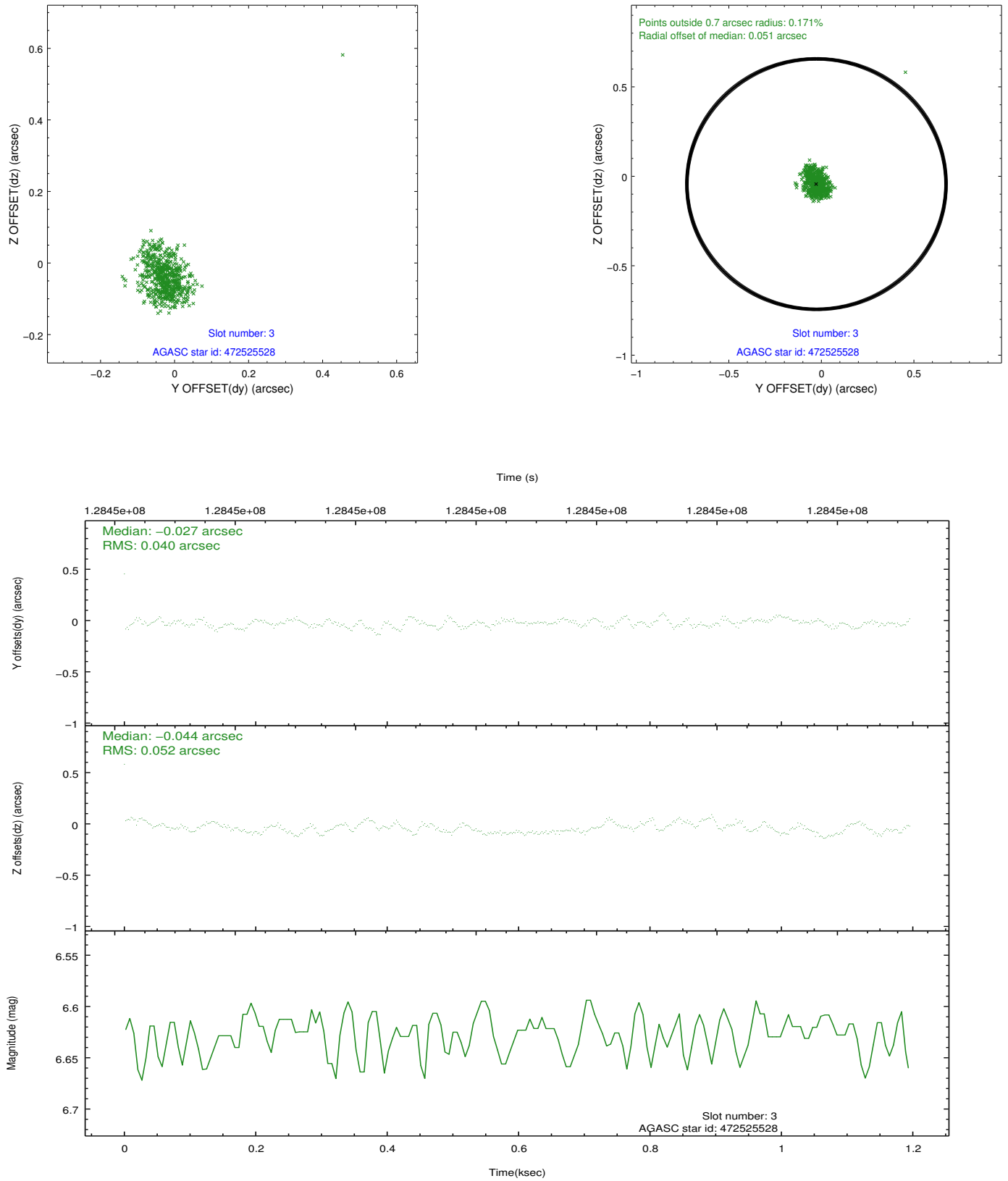


Slot Statistics

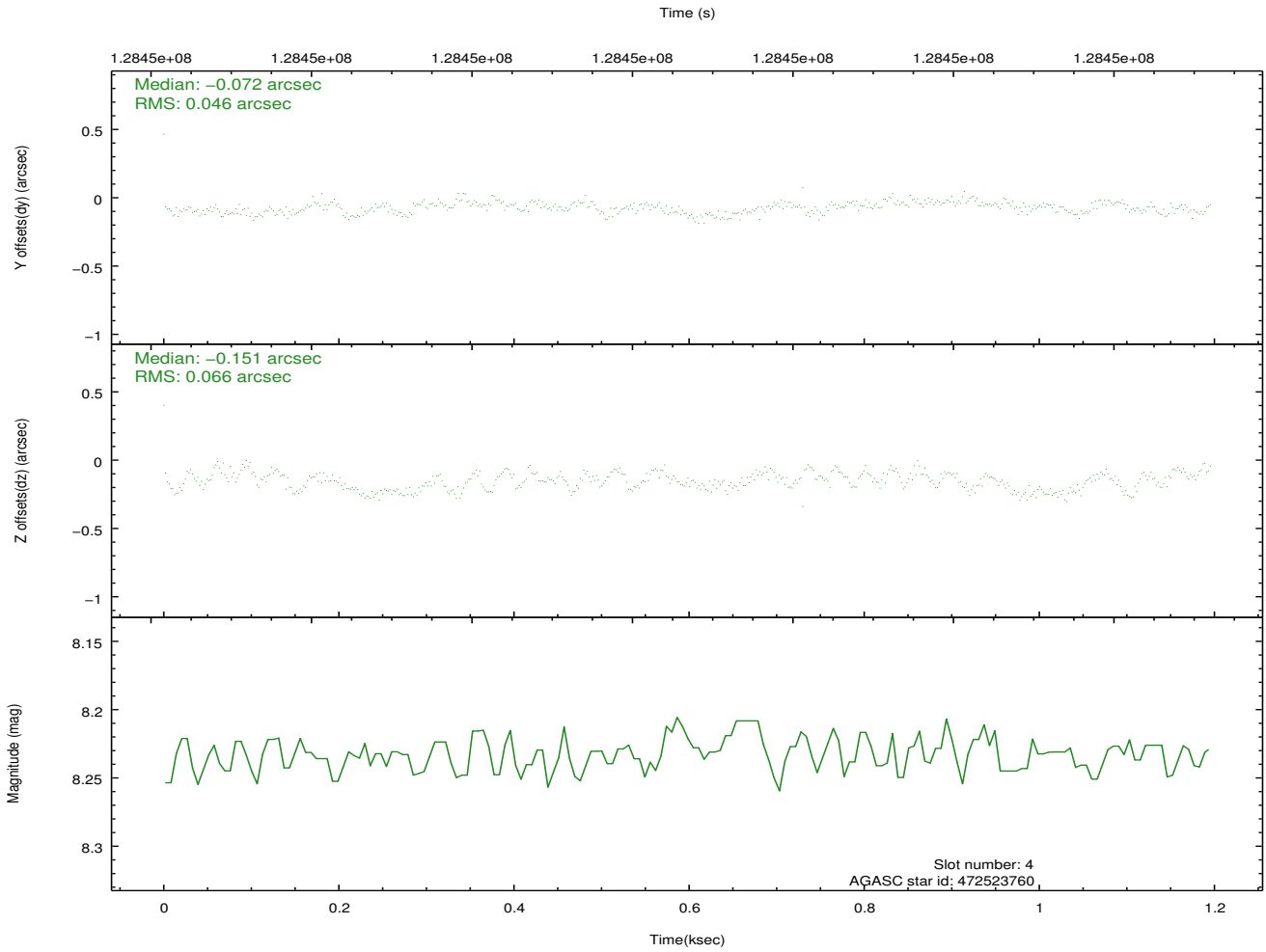
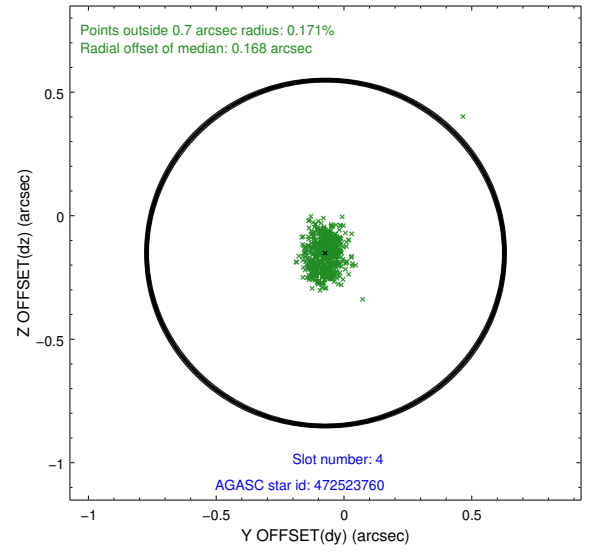
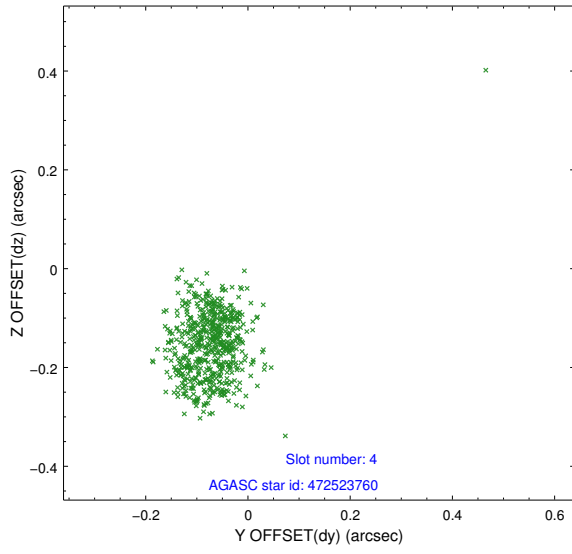
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	292	0.152	-0.084	0.007	0.011	0.000000	0.000000	-1157.72	-456.16
1	FID	HRC-S-2	6.99	292	0.079	-0.088	0.004	0.009	0.000000	0.000000	1237.93	-450.34
2	FID	HRC-S-3	7.00	292	0.160	-0.130	0.007	0.013	0.000000	0.000000	-1156.20	571.78
3	GUIDE	472525528	6.63	584	-0.027	-0.044	0.062	0.099	331.551102	45.248694	-648.55	-2194.05
4	GUIDE	472523760	8.23	584	-0.072	-0.151	0.081	0.123	331.645363	45.403260	-652.08	-1592.52
5	GUIDE	472659832	9.47	584	0.016	0.102	0.103	0.162	332.780399	46.098139	943.08	1850.12
6	GUIDE	472654568	9.43	584	-0.008	0.036	0.106	0.166	332.194449	45.063576	1116.58	-2146.82
7	GUIDE	472655152	9.43	582	0.106	0.074	0.098	0.167	332.504239	45.862991	662.66	793.87

2.4 Star Slots

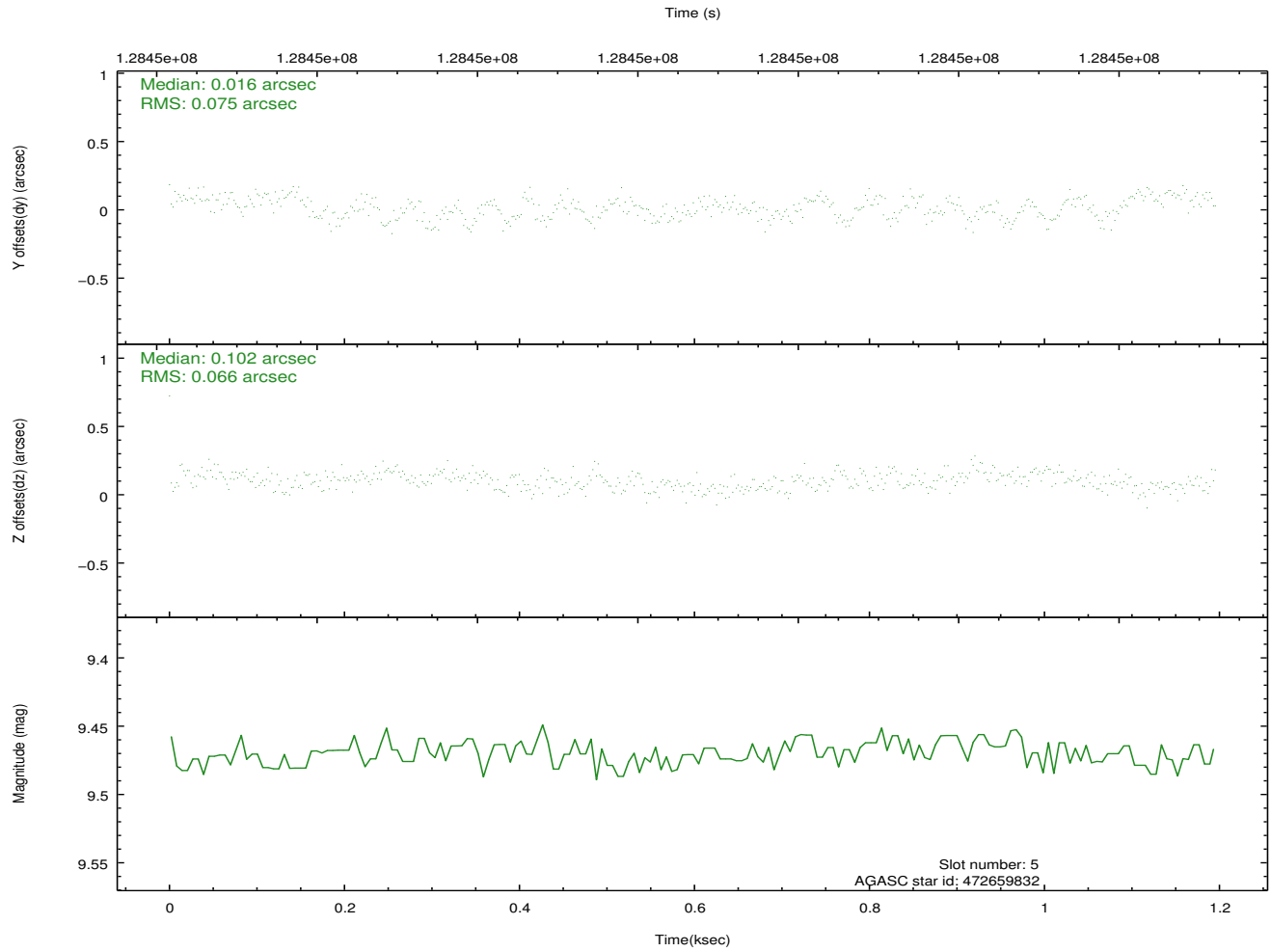
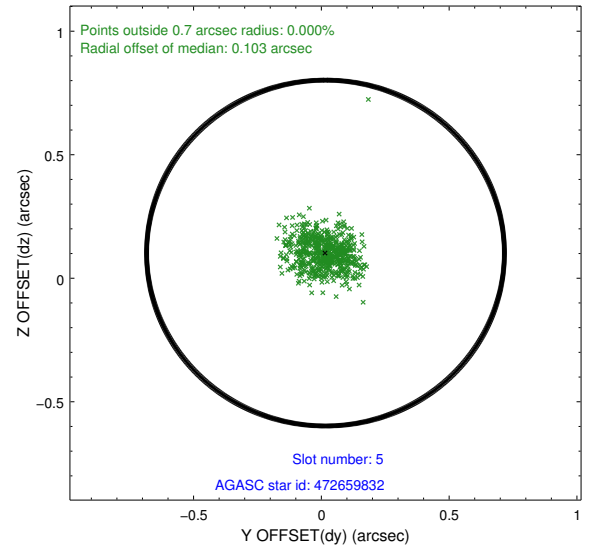
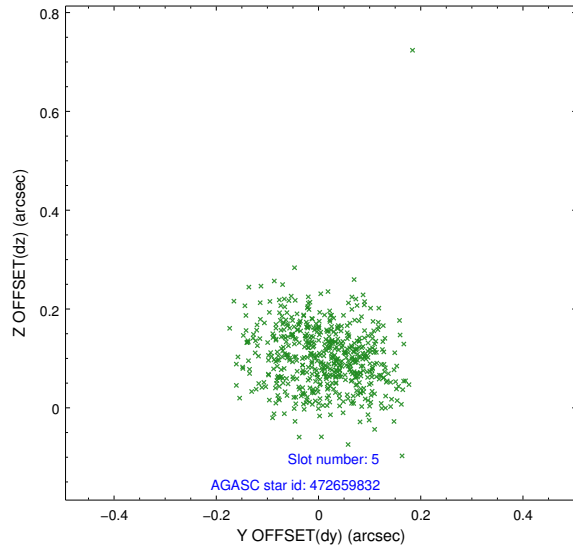
2.4.1 Slot 3



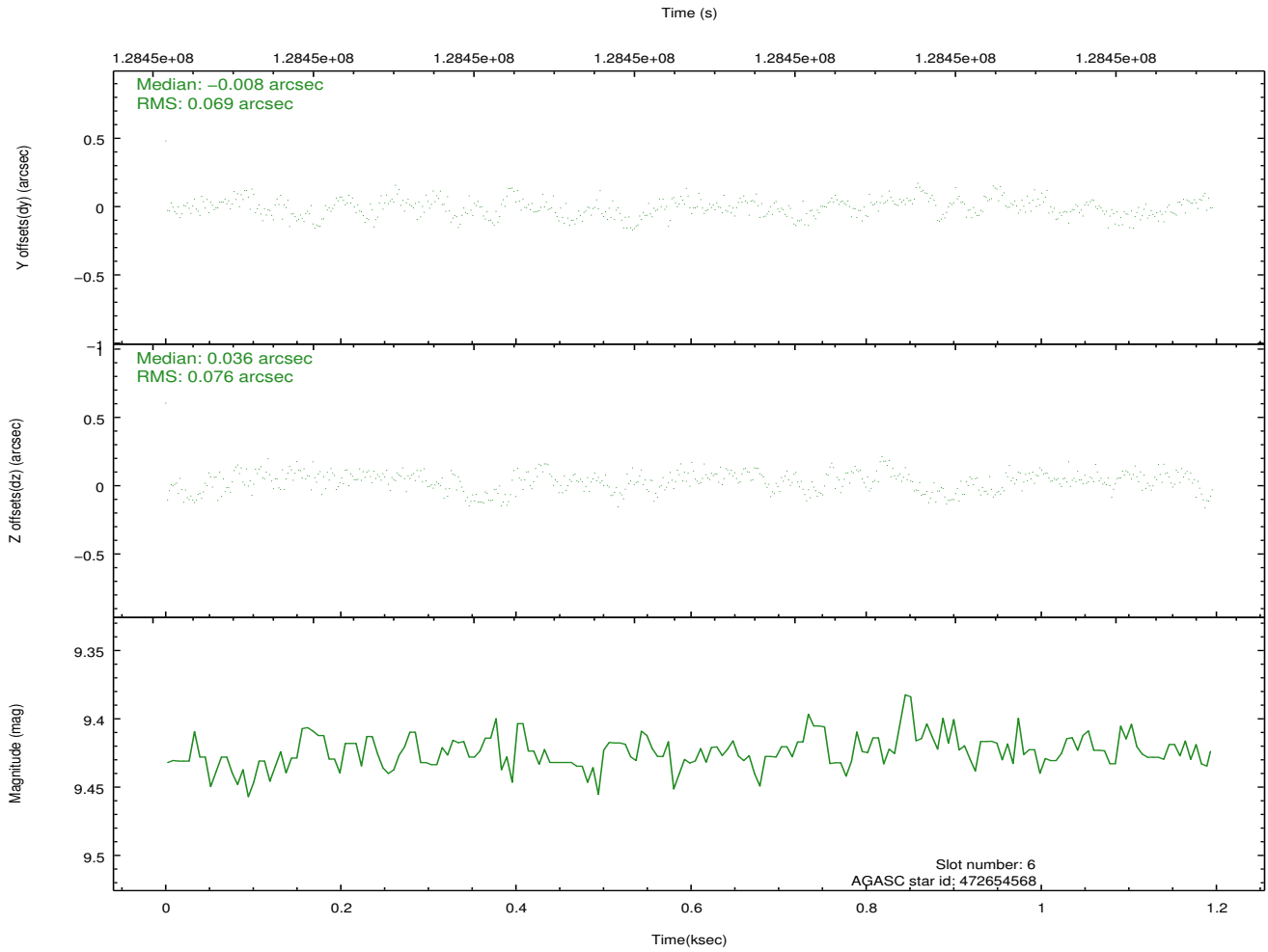
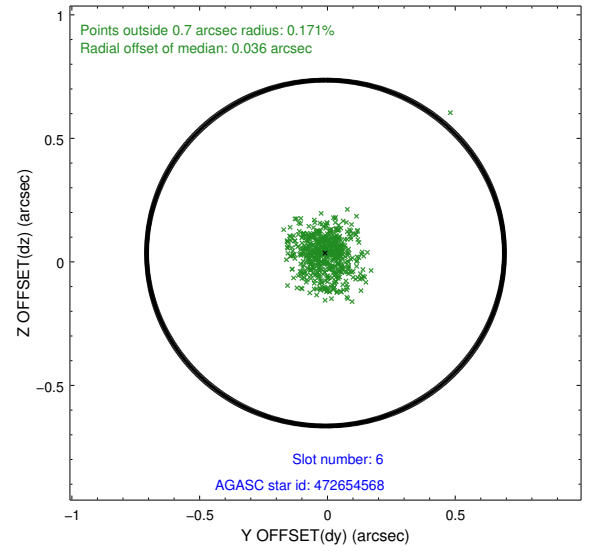
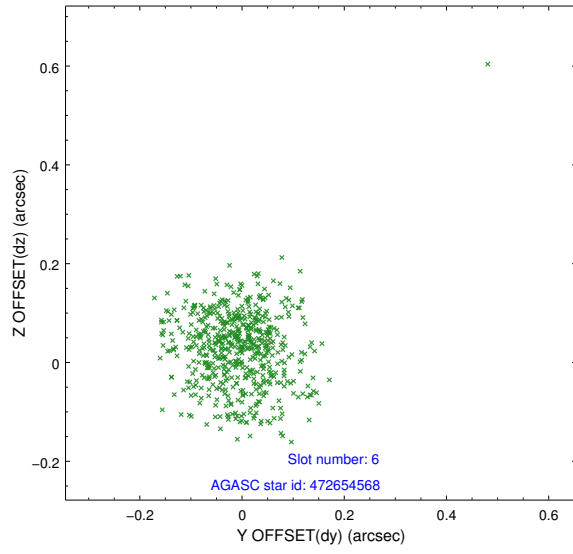
2.4.2 Slot 4



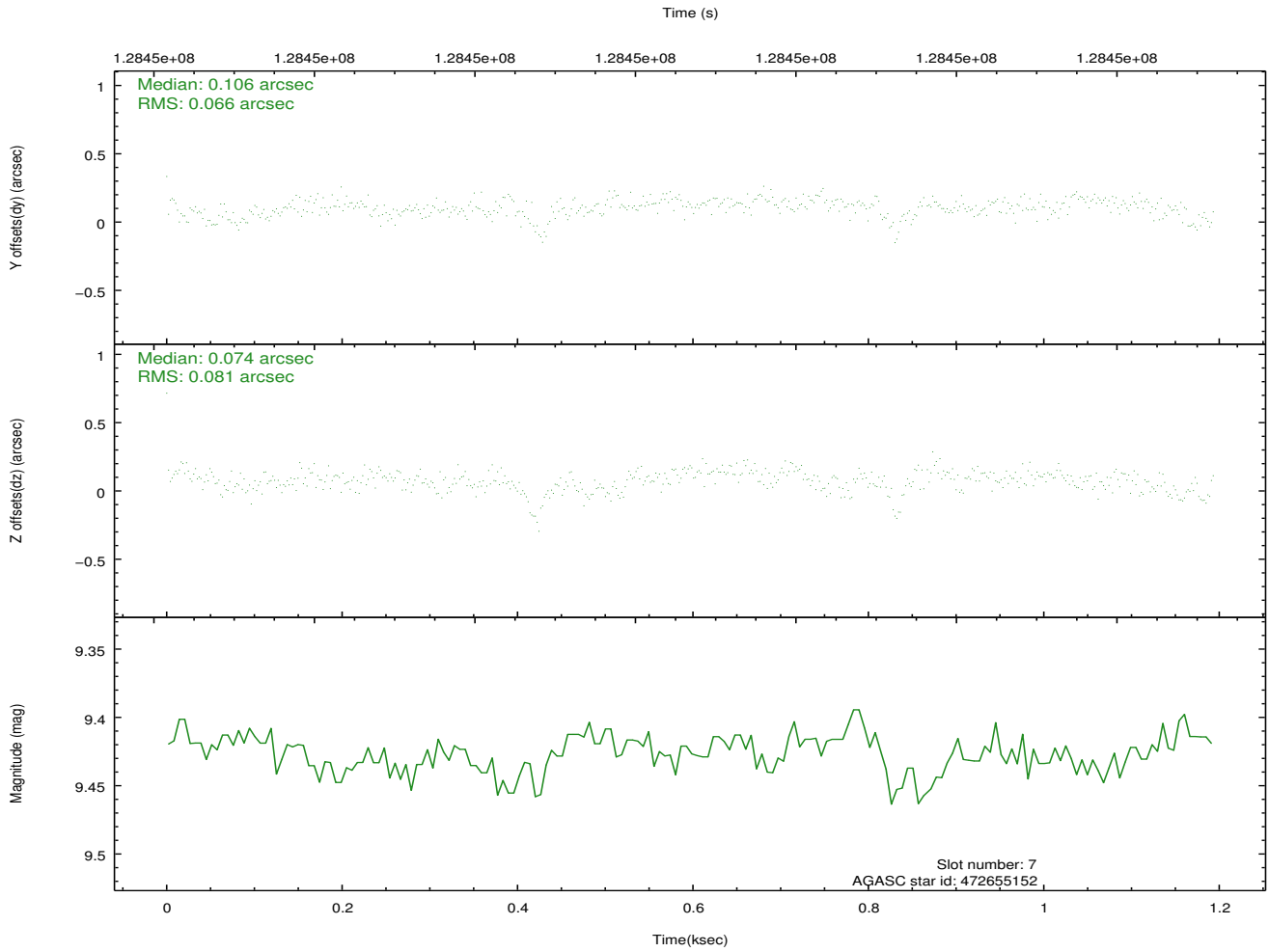
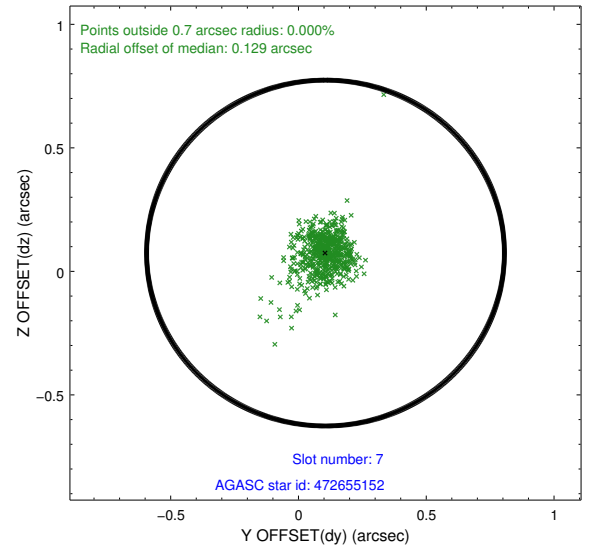
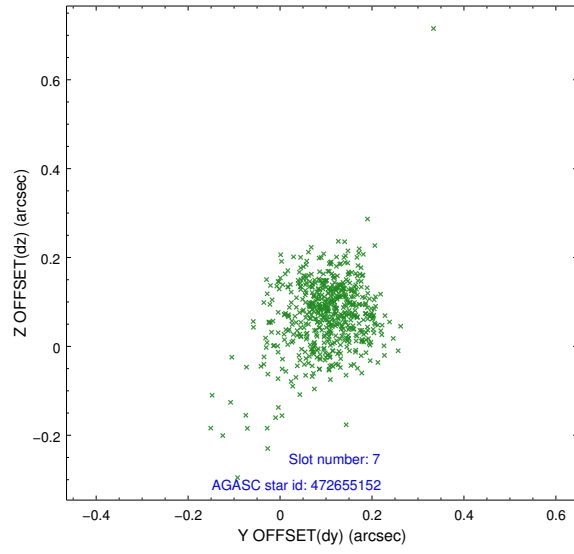
2.4.3 Slot 5



2.4.4 Slot 6

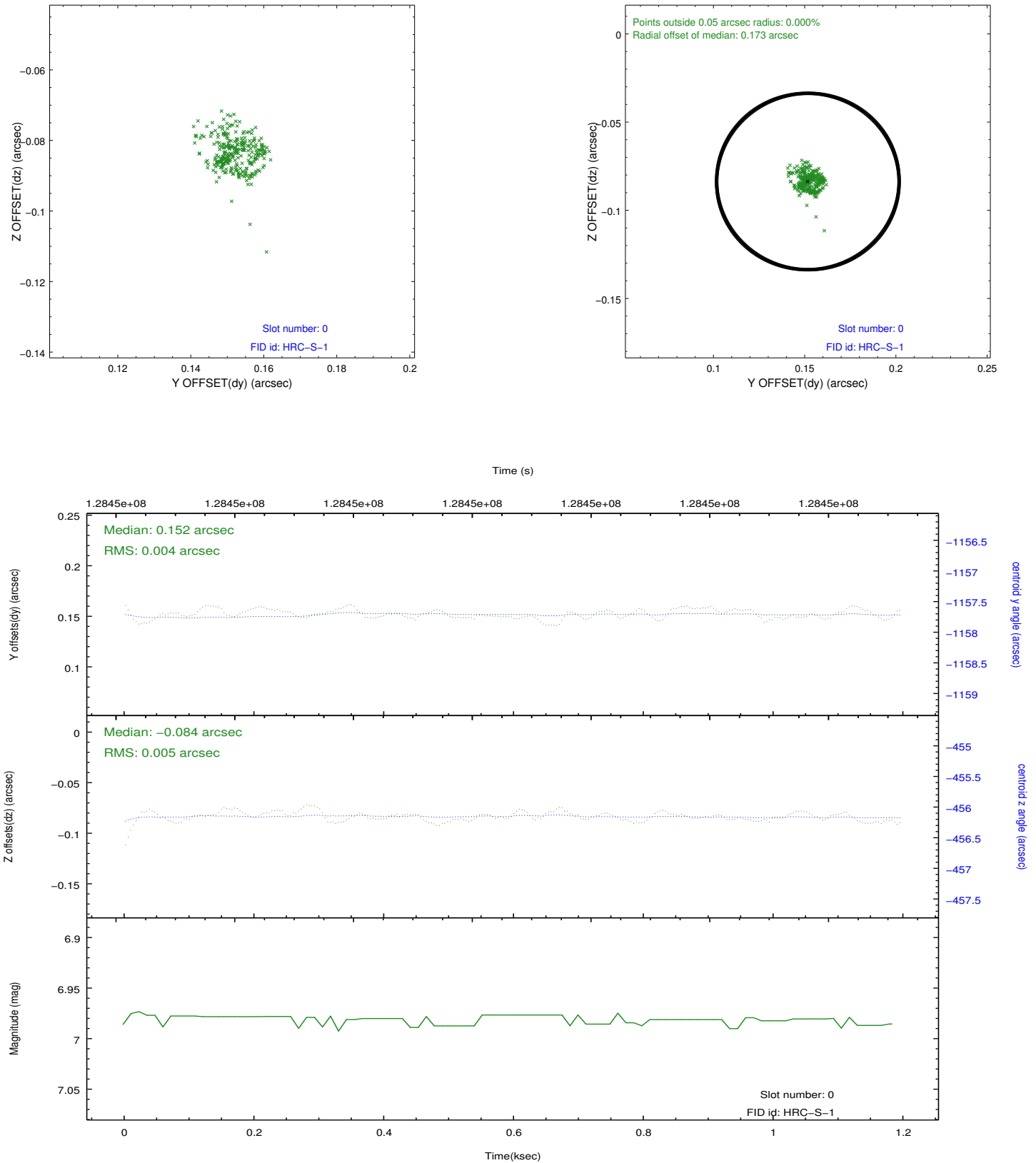


2.4.5 Slot 7

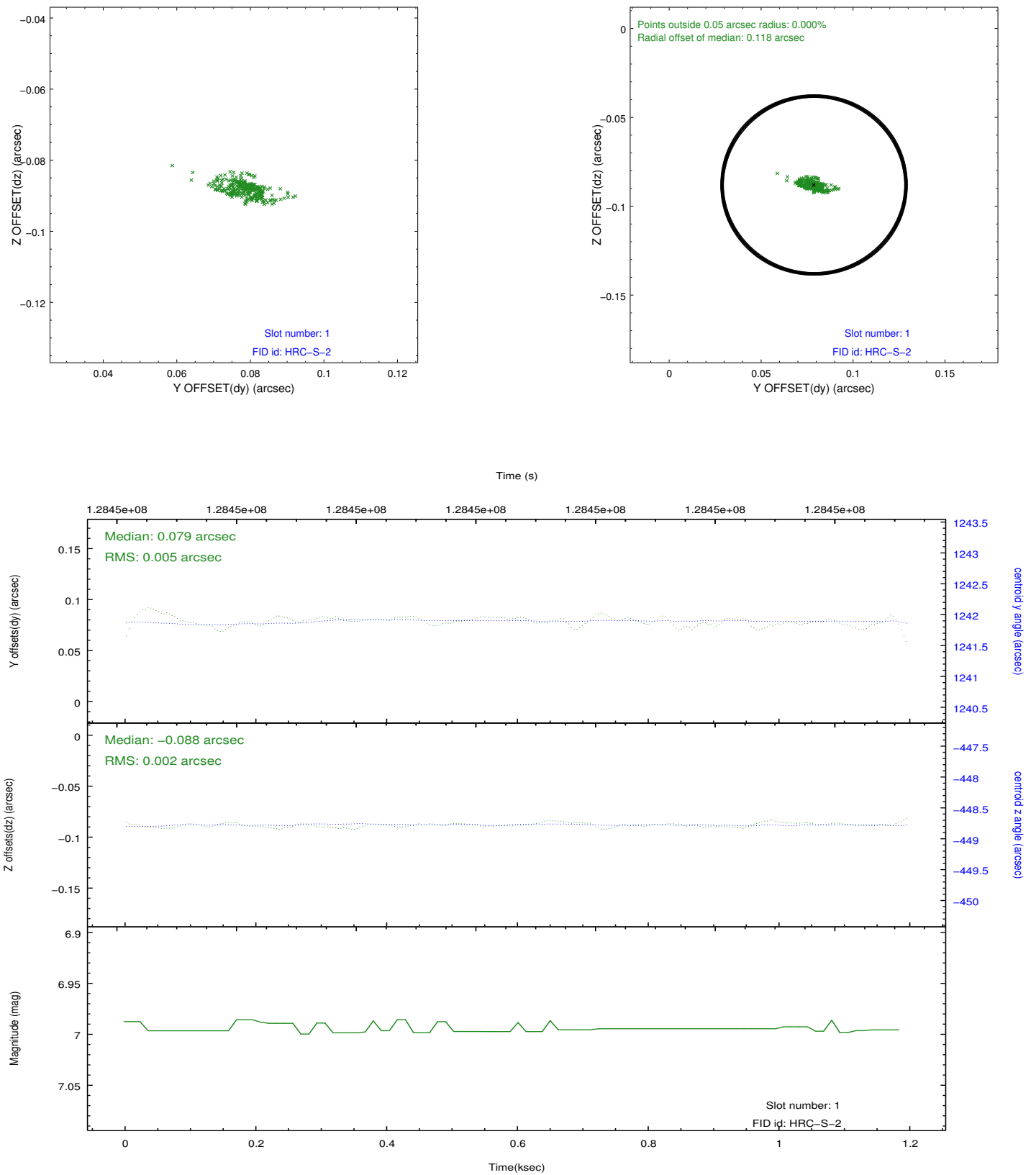


2.5 FID Slots

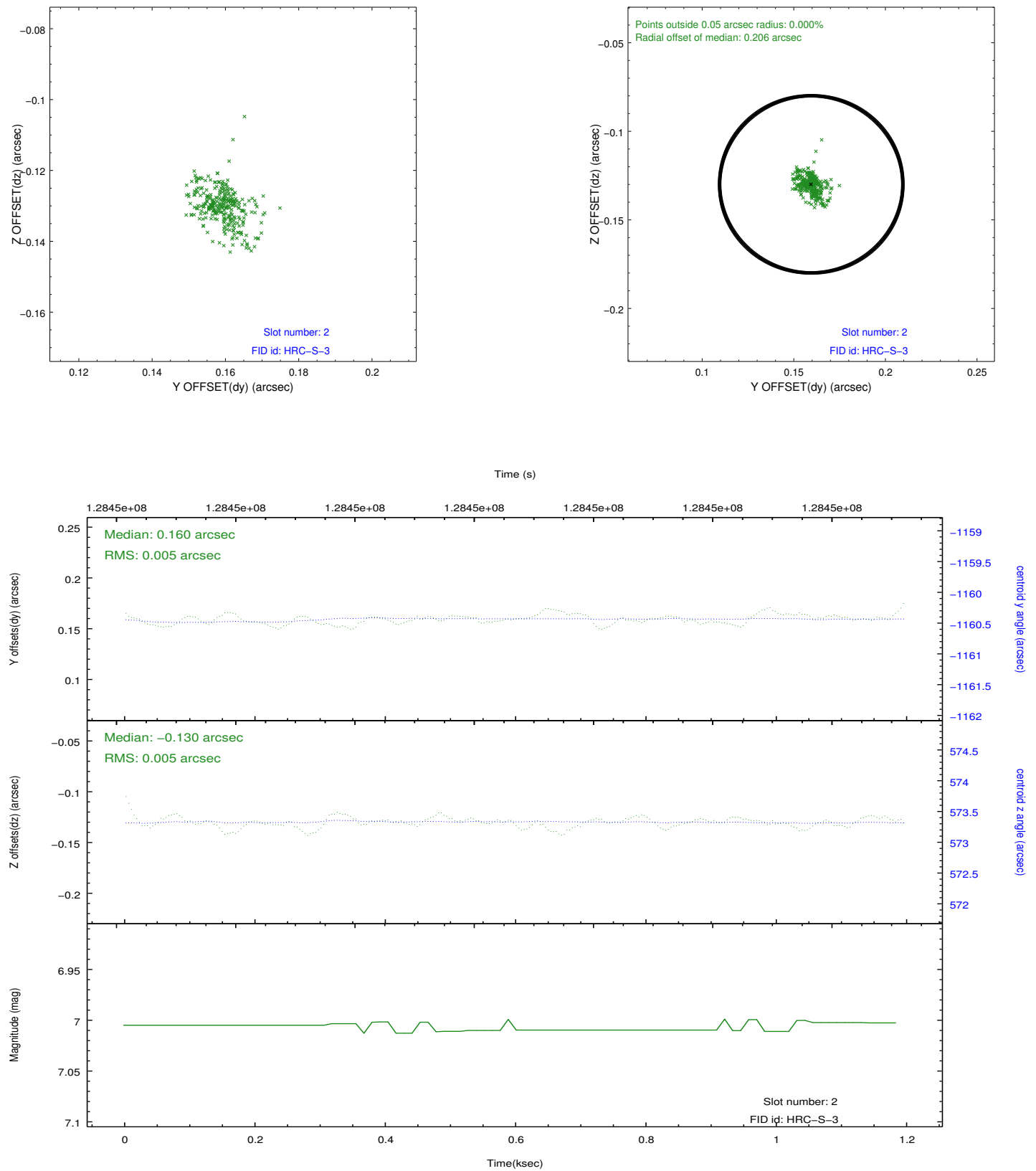
2.5.1 Slot 0



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	1.192

A.2 Comments

Charge time for this ObsId remains at previous value of 1.192 ks although with the current processing the charge time would have been 1.14 ksec.