

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2645 - L2 Version 3
Chandra X-Ray Center

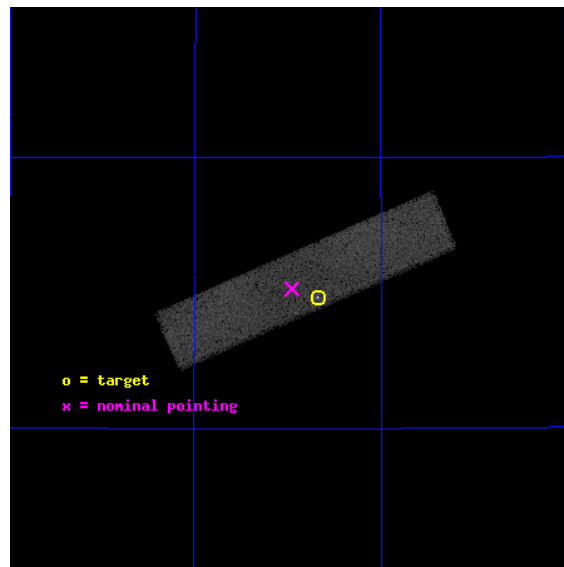
L2 Processing Date : Oct 1 2012

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1 Front

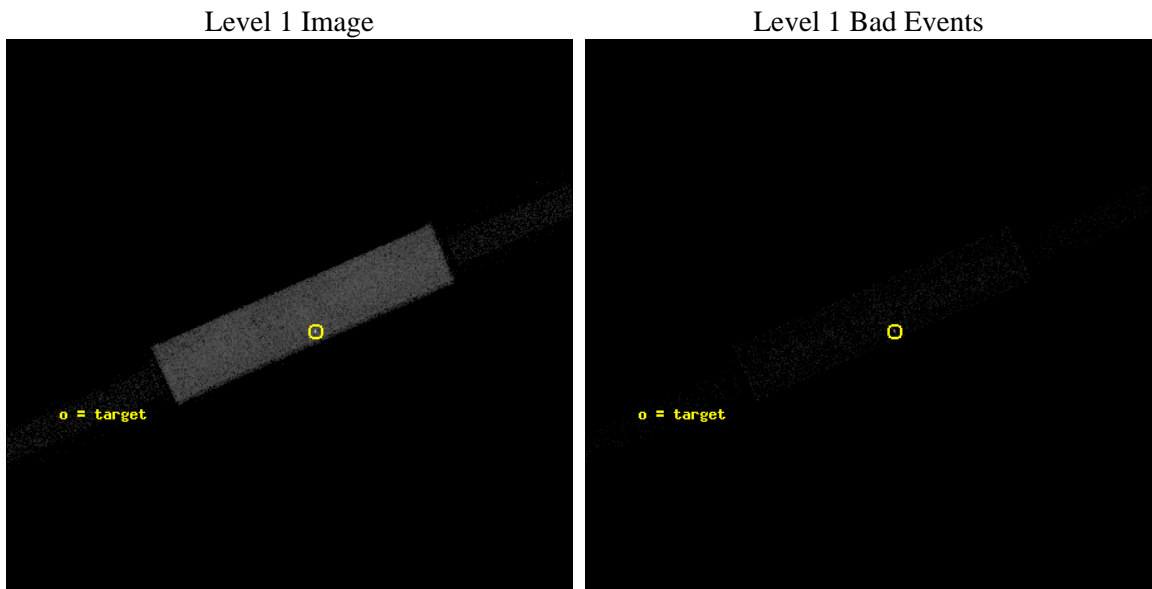
seq_num	290201	Sequence number
obs_id	2645	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23924287365	Nominal RA [deg]
dec_nom	45.758383227232	Nominal Dec [deg]
roll_nom	336.44552828086	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1142.1062960327	[s]
livetime	1133.9284855925	Ontime multiplied by DTCOR
l2events	57986	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]
caldsver	4.5.2	 	l1events	91431	Number of level 1 events
date	2012-10-01T03:04:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

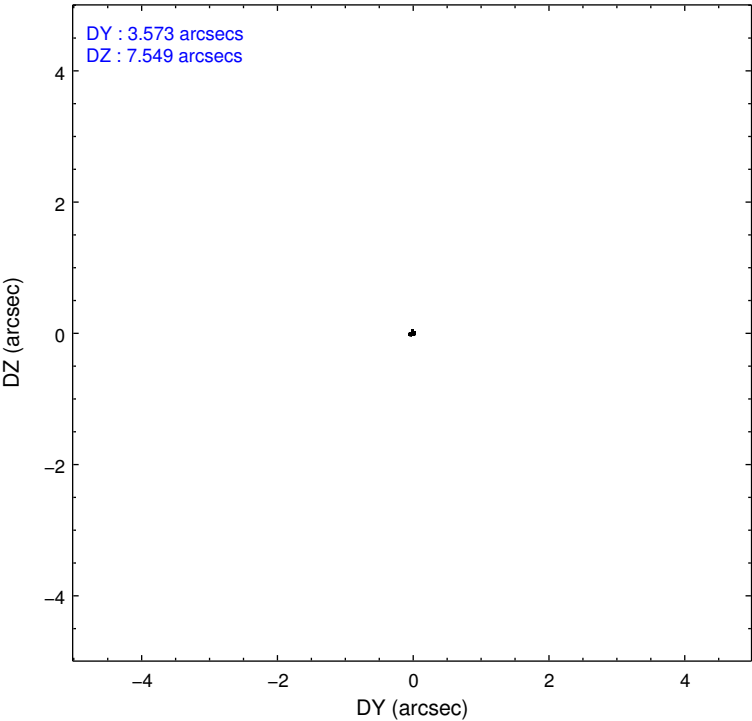
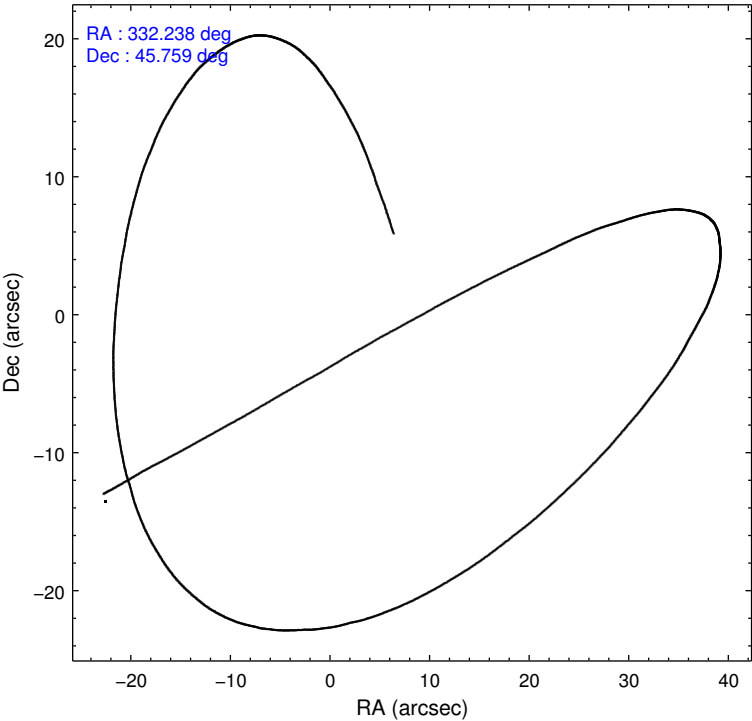
Level 1 Events

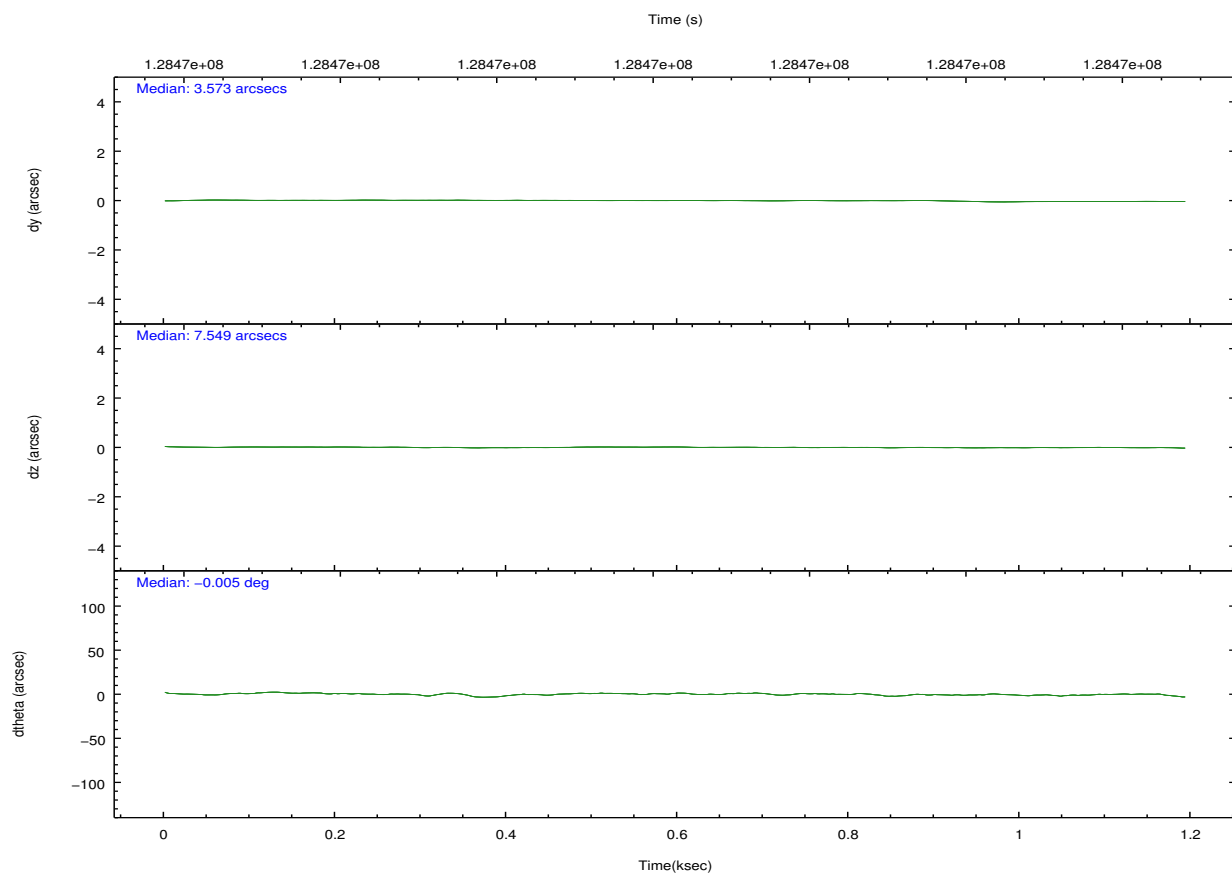
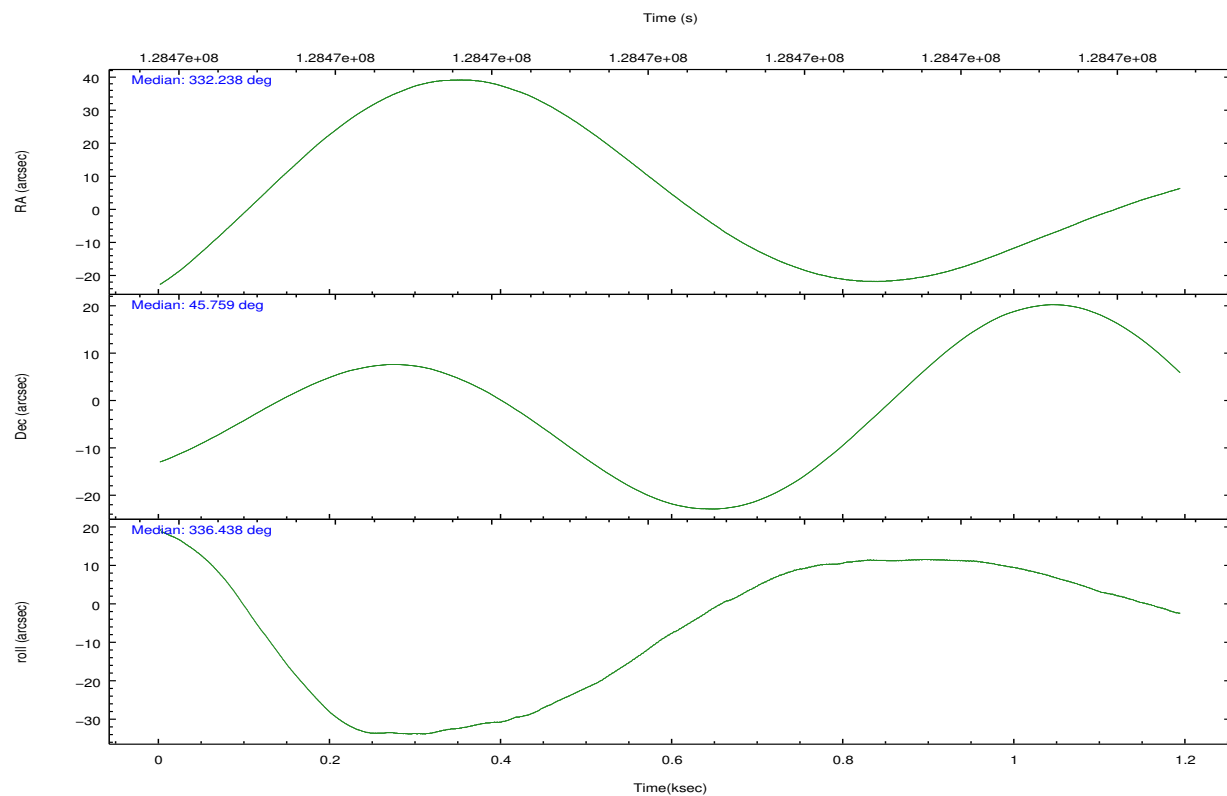
	segment 1	segment 2	segment 3
level 1 events	2398	86917	2116
rejected events	2398	18899	2116
rejected %	100%	21%	100%

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	332.198515	332.2392428736474			
[deg] Pointing Dec	45.752896	45.75838322723204			
[deg] Pointing Roll	336.407441	336.4455282808563			
[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)	128472227.184000	128471851.27701			
Observation start date	2002-01-26T22:42:43	2002-01-26T22:37:31			
[s] Observation end time (MET)	128473227.184000	128473397.48957			
Observation end date	2002-01-26T22:59:23	2002-01-26T23:03:17			

2.3 Aspect



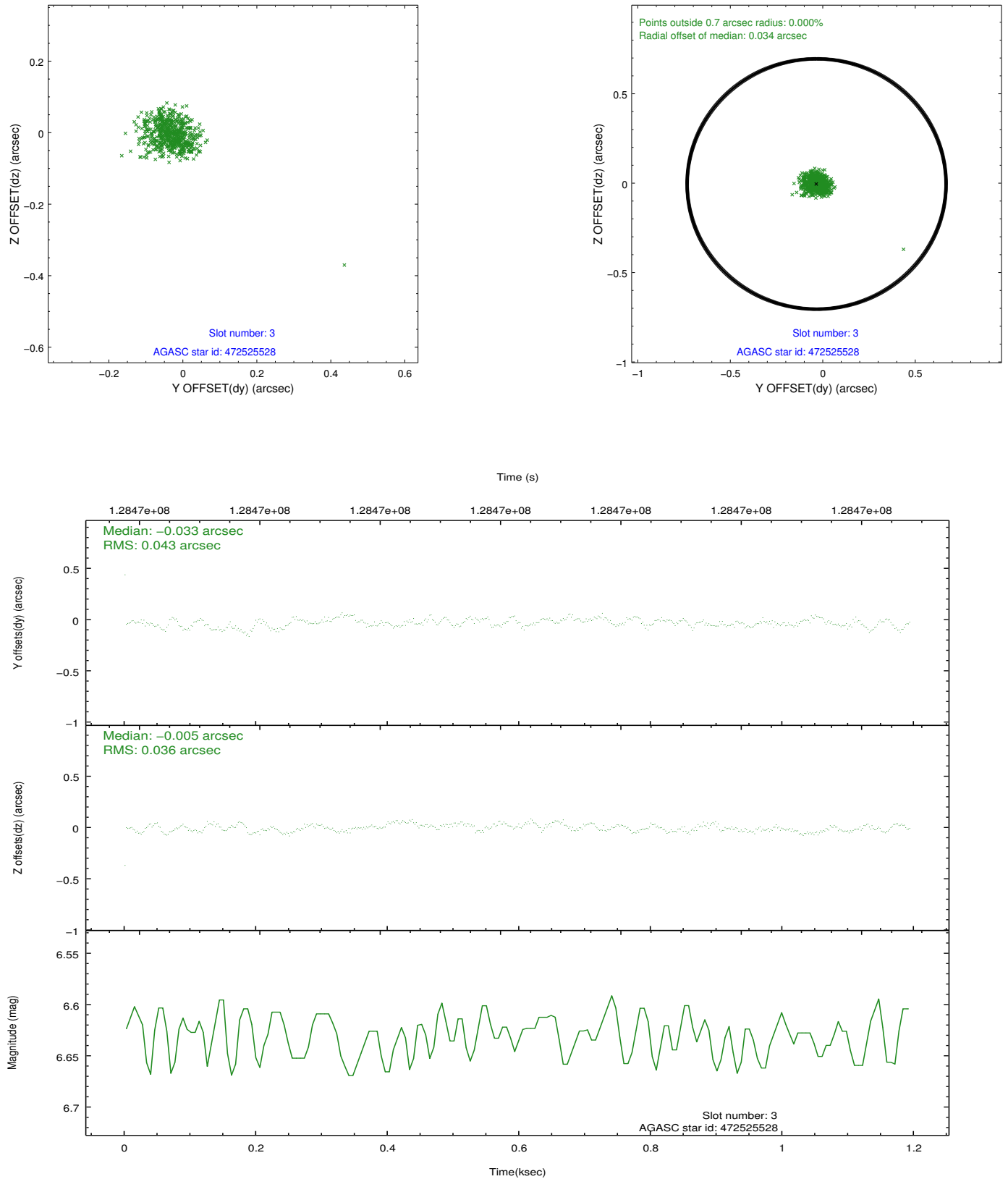


Slot Statistics

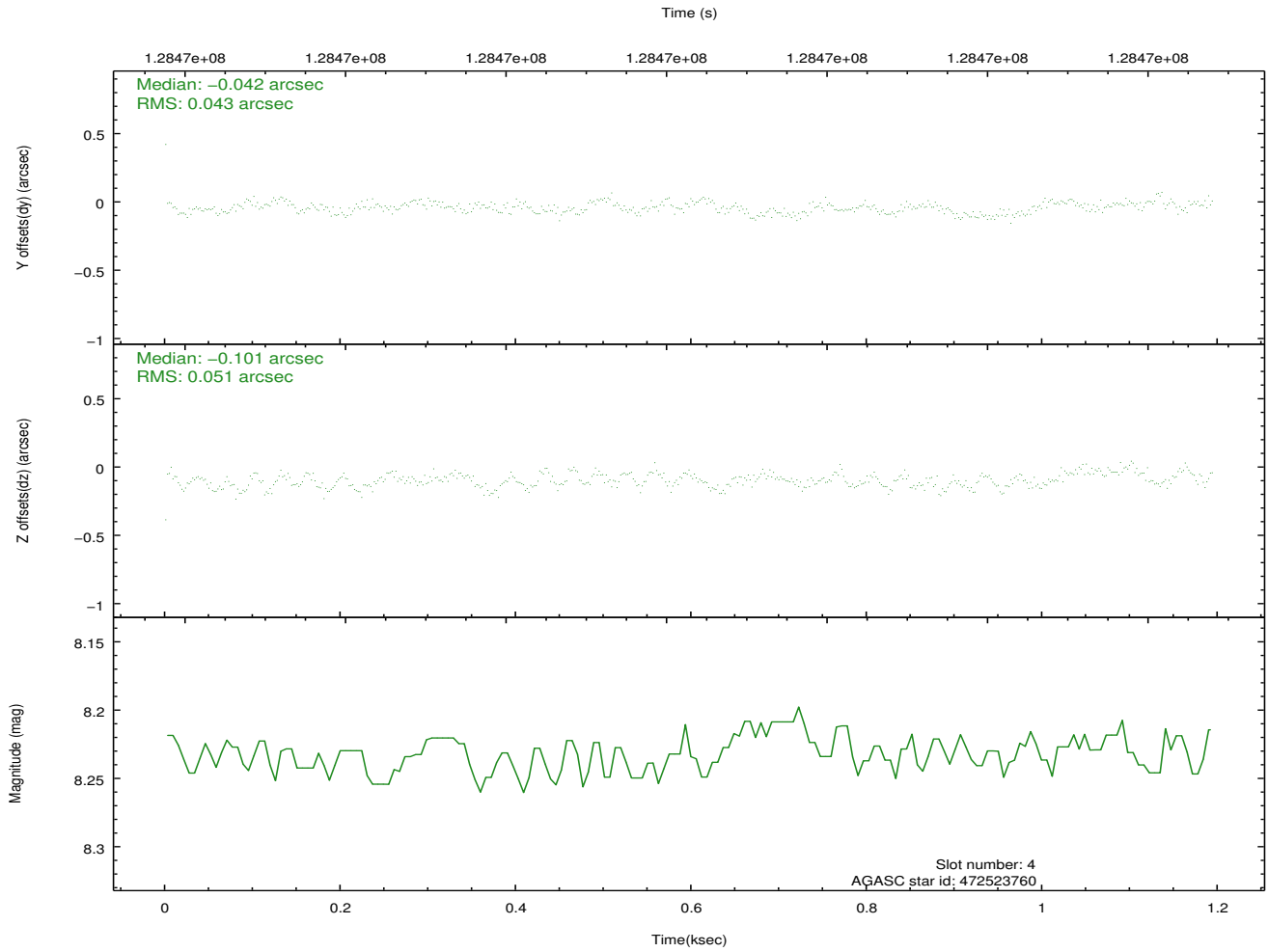
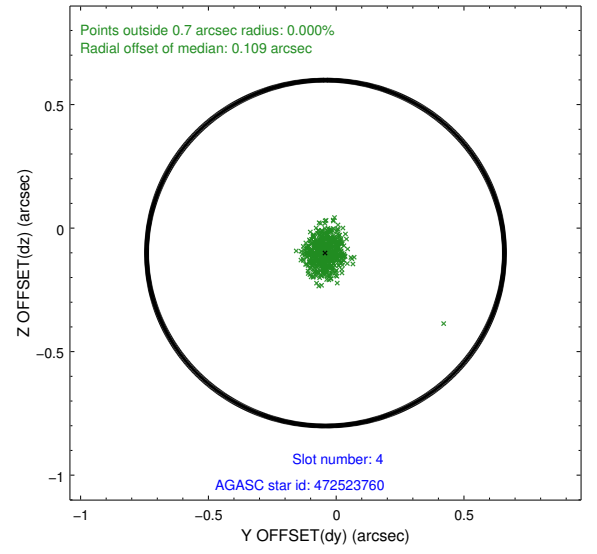
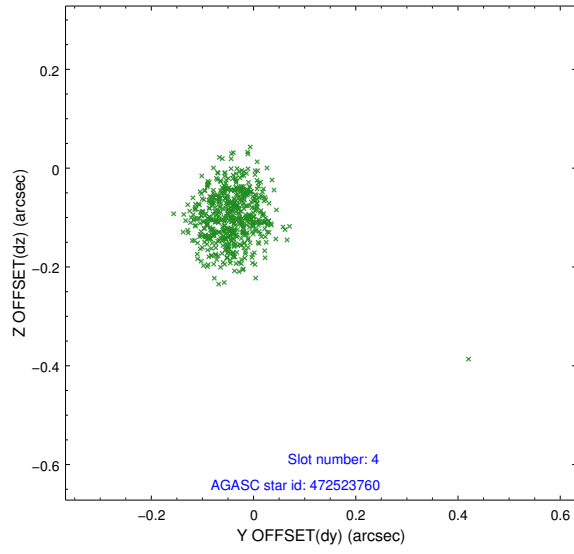
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	291	0.111	-0.082	0.007	0.010	0.000000	0.000000	-1157.62	-456.12
1	FID	HRC-S-3	7.00	291	0.145	-0.124	0.008	0.011	0.000000	0.000000	-1164.33	571.80
2	FID	HRC-S-4	6.93	291	0.132	-0.092	0.005	0.009	0.000000	0.000000	1236.62	578.02
3	GUIDE	472525528	6.63	583	-0.033	-0.005	0.056	0.086	331.551102	45.248694	-779.08	-2317.94
4	GUIDE	472523760	8.23	583	-0.042	-0.101	0.067	0.106	331.645363	45.403260	-780.06	-1716.60
5	GUIDE	472665256	9.01	583	-0.044	-0.006	0.082	0.124	332.808125	46.195041	751.56	2065.45
6	GUIDE	472659832	9.47	583	0.096	0.098	0.119	0.202	332.780399	46.098139	833.22	1725.27
7	GUIDE	472654568	9.44	581	0.024	-0.009	0.097	0.166	332.194449	45.063576	986.09	-2278.91

2.4 Star Slots

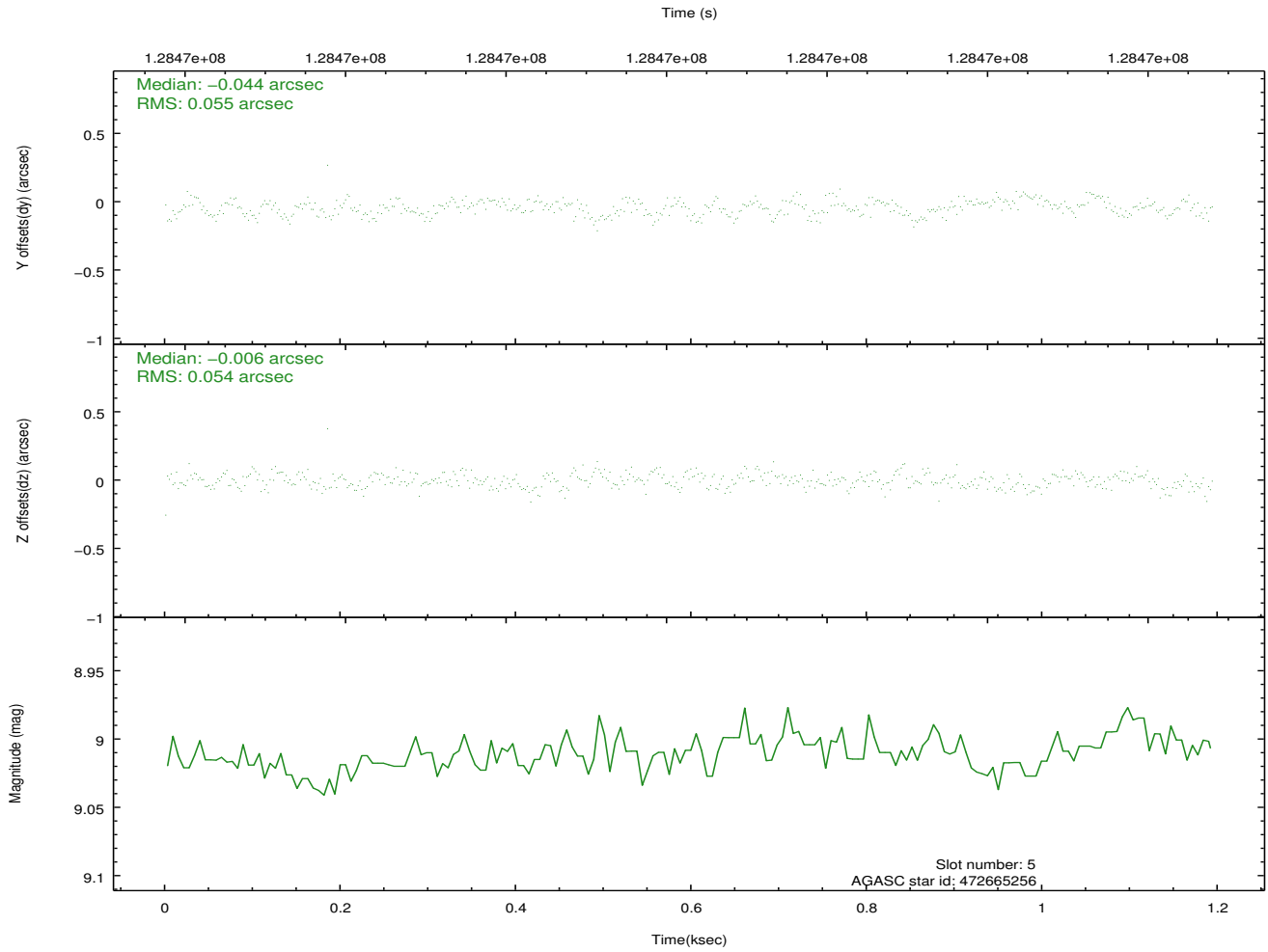
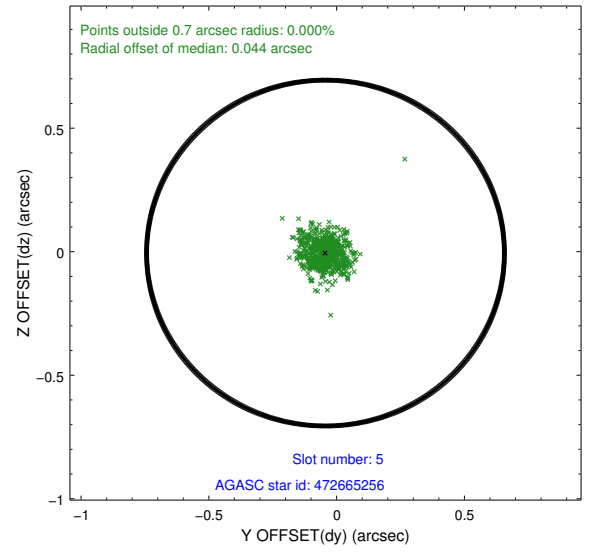
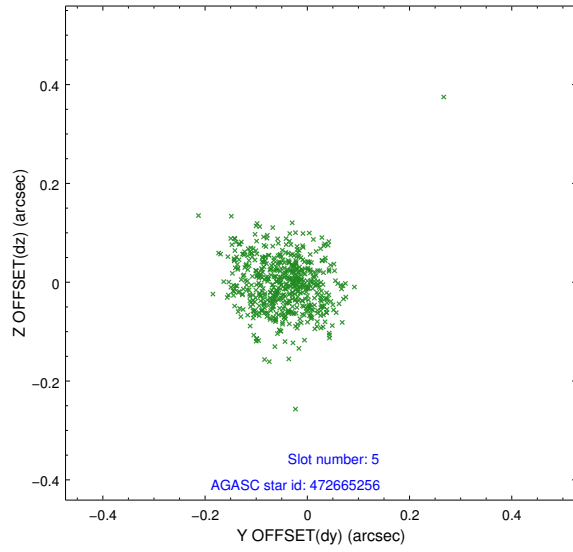
2.4.1 Slot 3



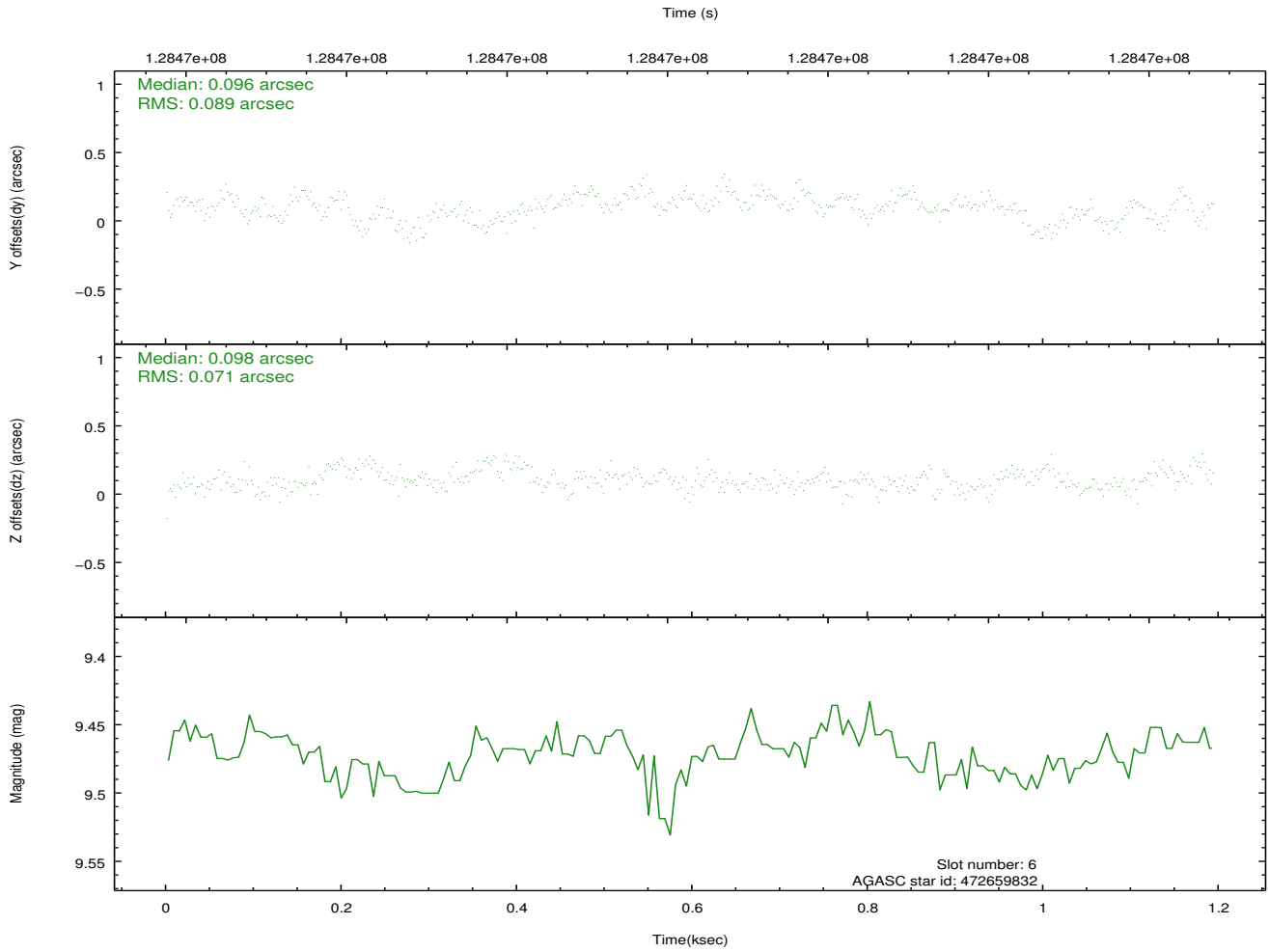
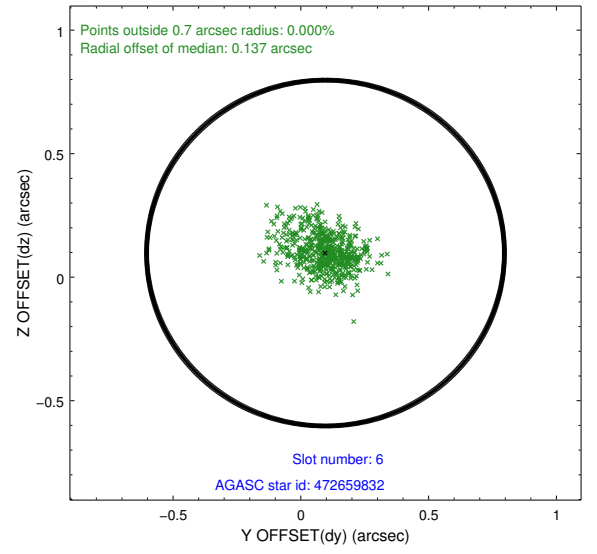
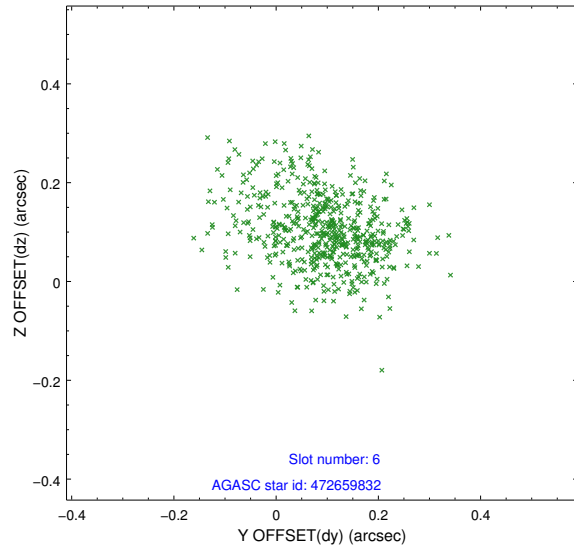
2.4.2 Slot 4



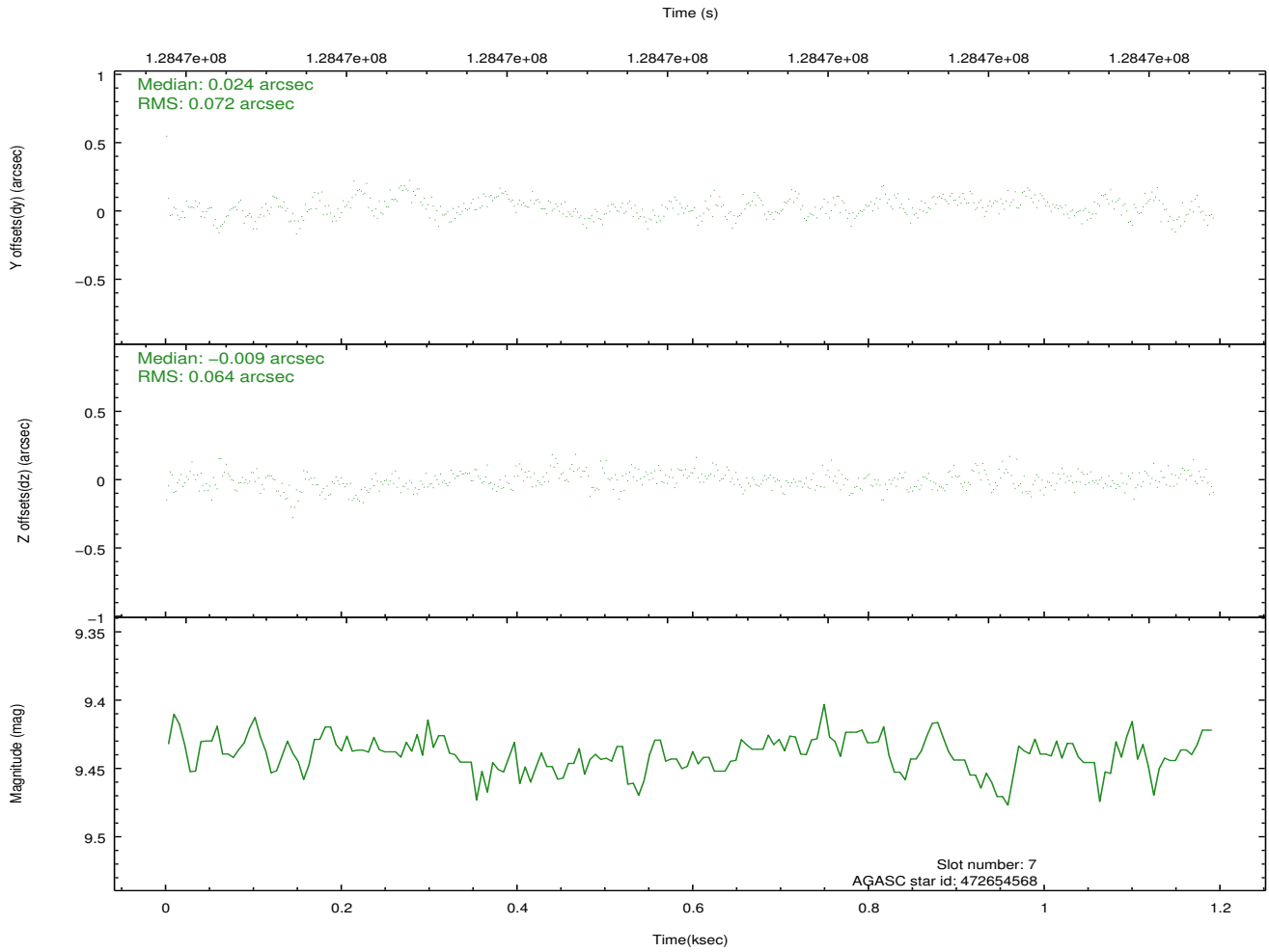
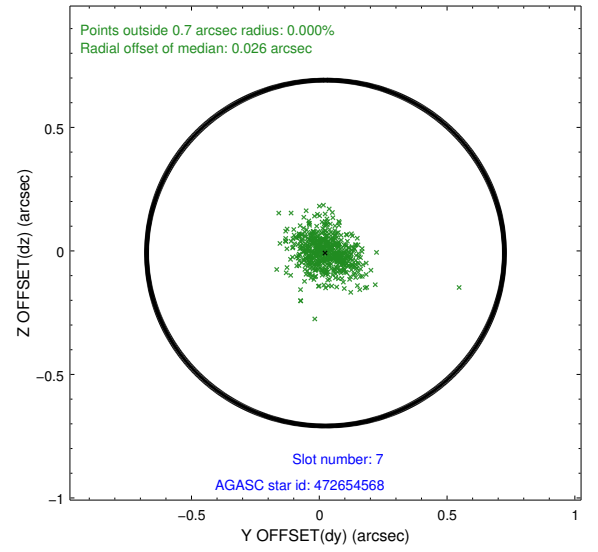
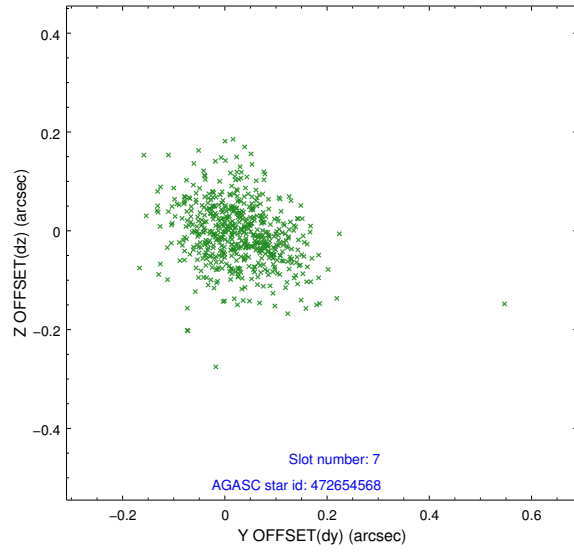
2.4.3 Slot 5



2.4.4 Slot 6

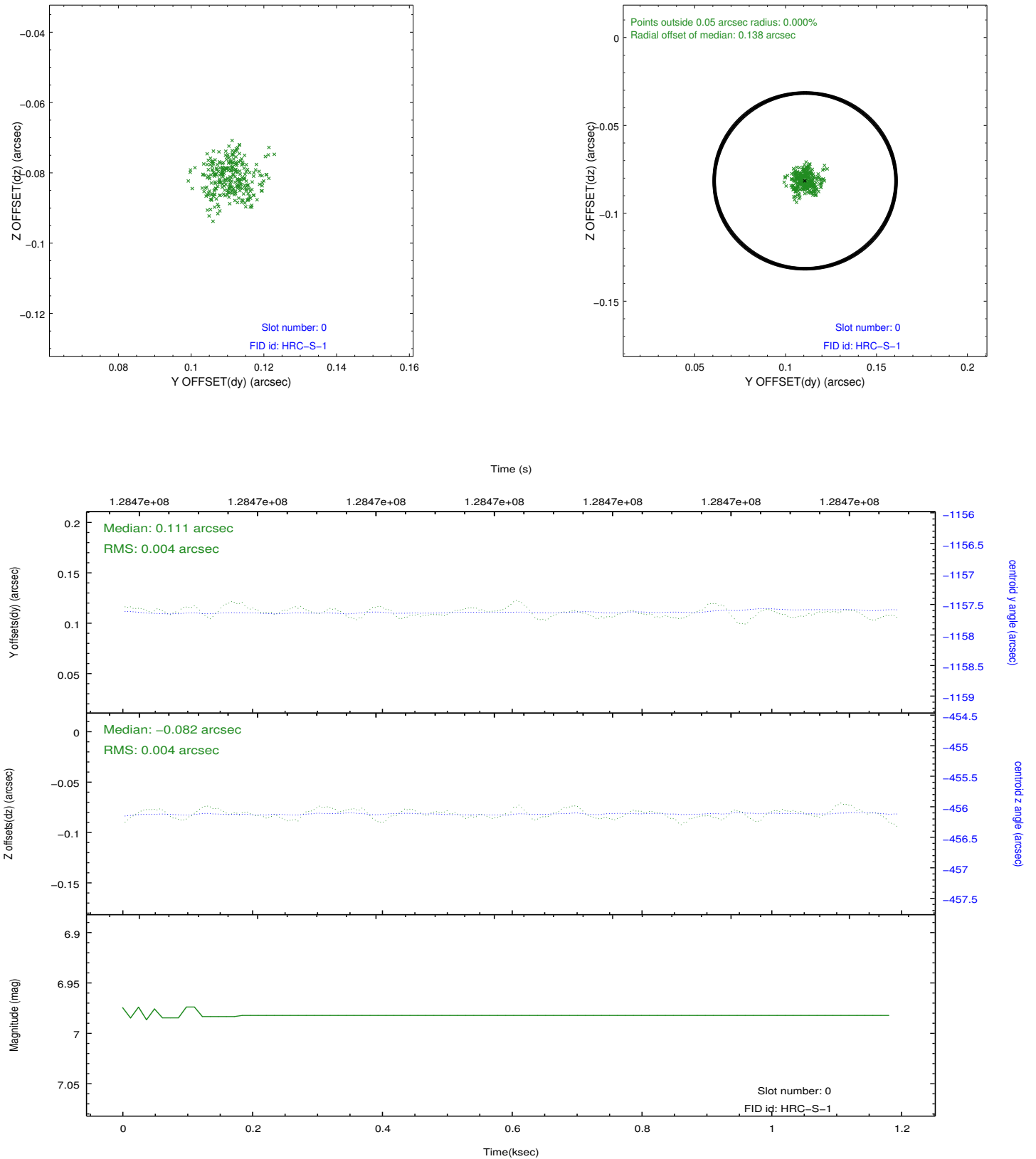


2.4.5 Slot 7

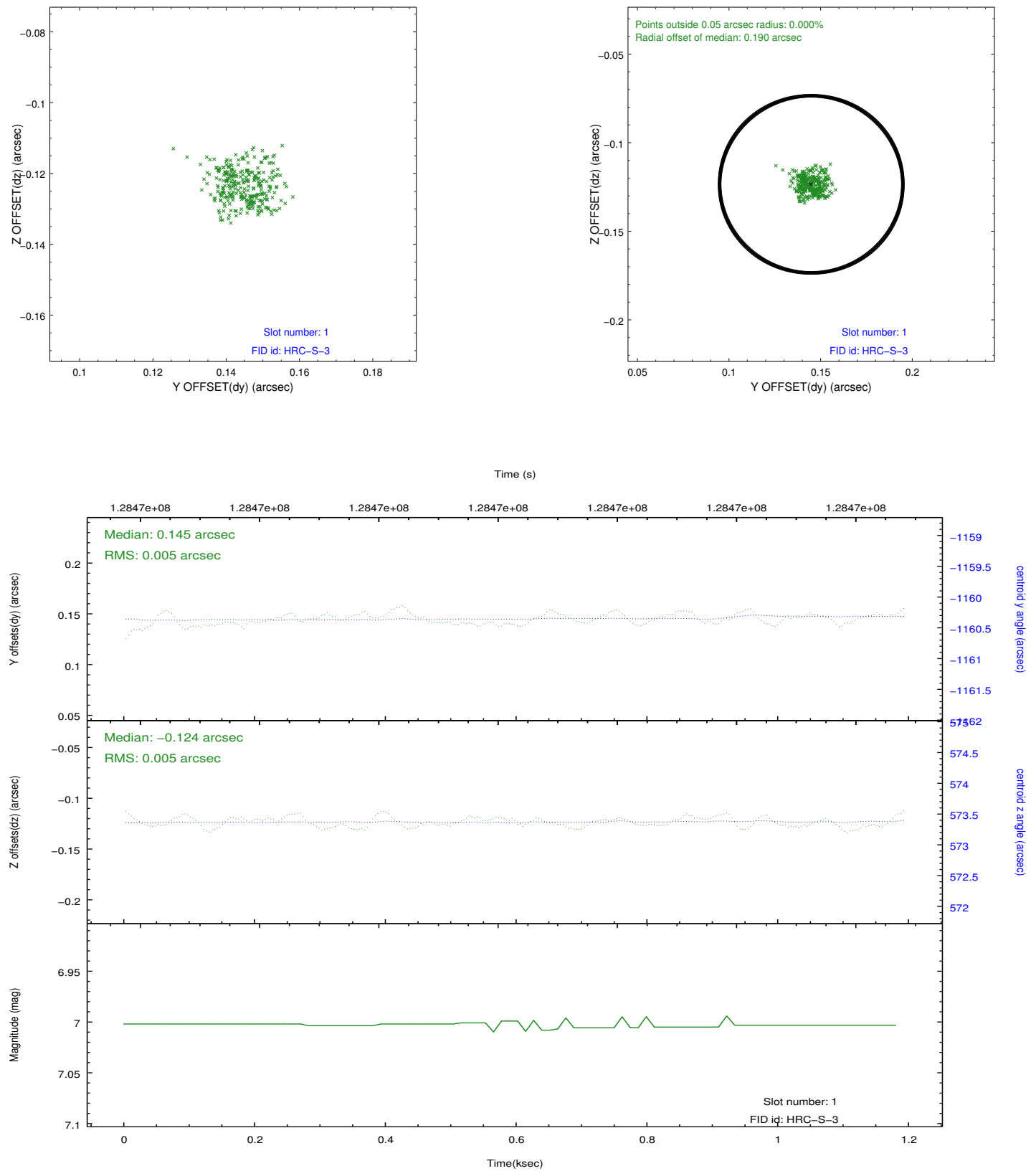


2.5 FID Slots

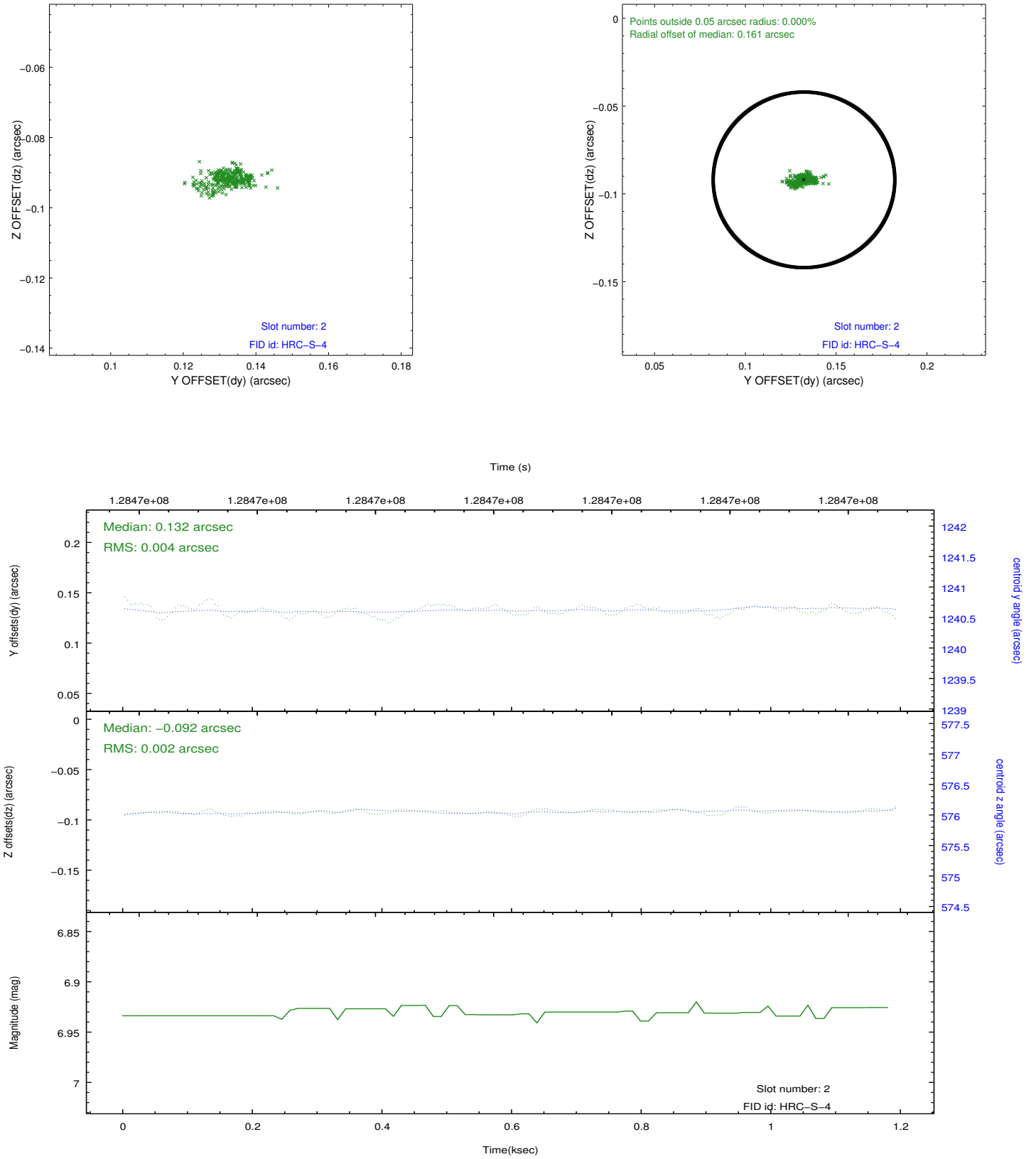
2.5.1 Slot 0



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	1.183

A.2 Comments

Charge time for this ObsId remains at previous value of 1.183 ks although with the current processing the charge time would have been 1.14 ksec.