

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2604 - L2 Version 4
Chandra X-Ray Center

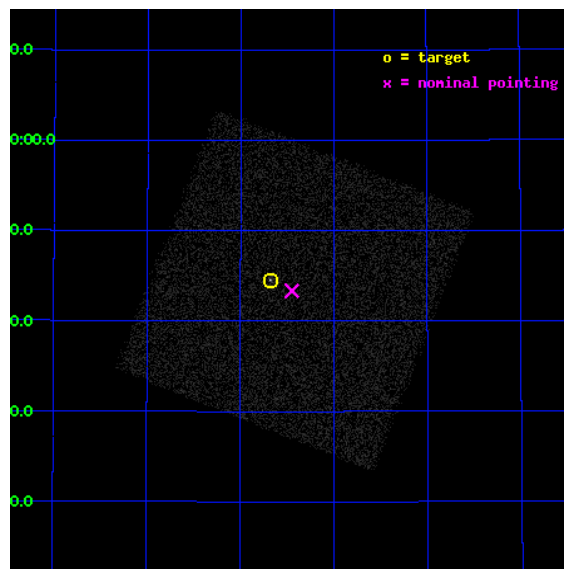
L2 Processing Date : Oct 1 2012

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1 Front

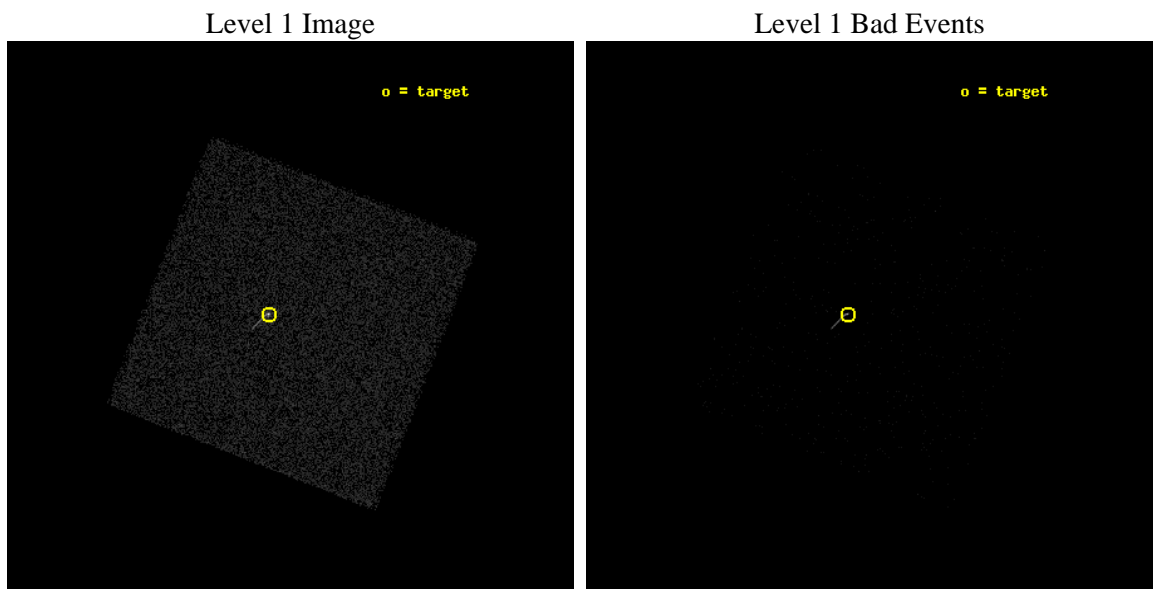
seq_num	290160	Sequence number
obs_id	2604	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1123706781	Nominal RA [deg]
dec_nom	45.722801669248	Nominal Dec [deg]
roll_nom	336.41786414802	Nominal Roll [deg]
revision	4	Processing version of data
ontime	895.08128607273	[s]
livetime	890.09389412416	Ontime multiplied by DTCOR
l2events	27988	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	895.08128607273	[s]
caldsver	4.5.2	 	l1events	56155	Number of level 1 events
date	2012-10-01T03:03:28	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

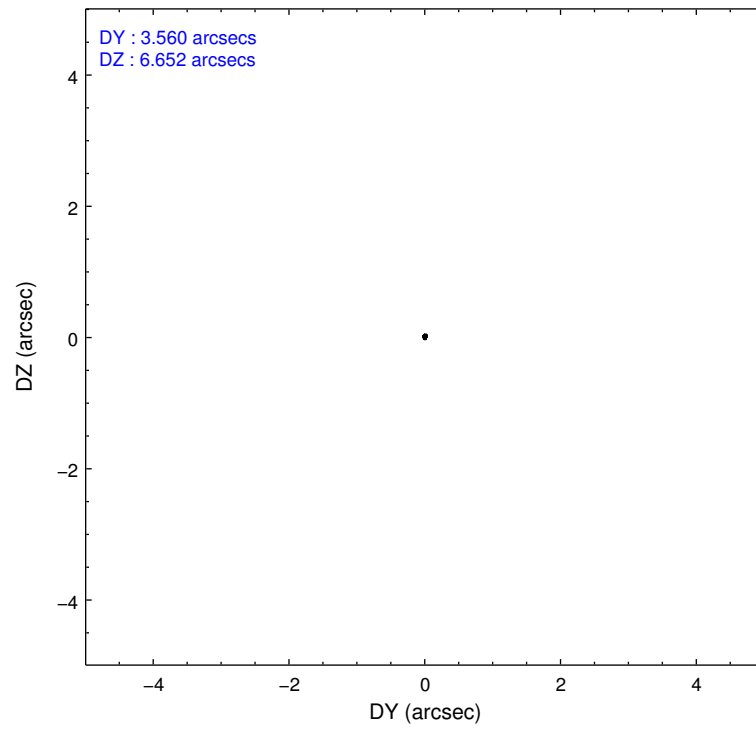
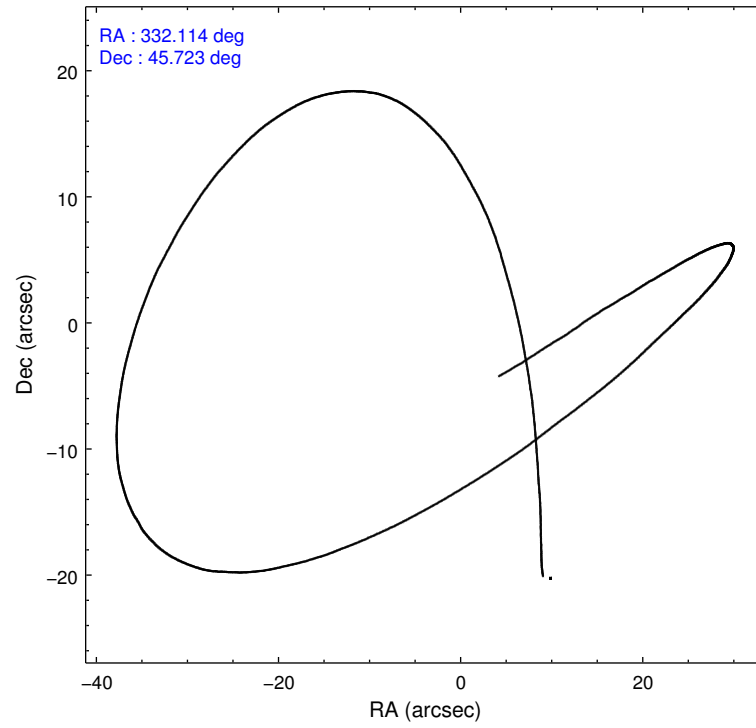
	segment 0
level 1 events	56155
rejected events	15805
rejected %	28%

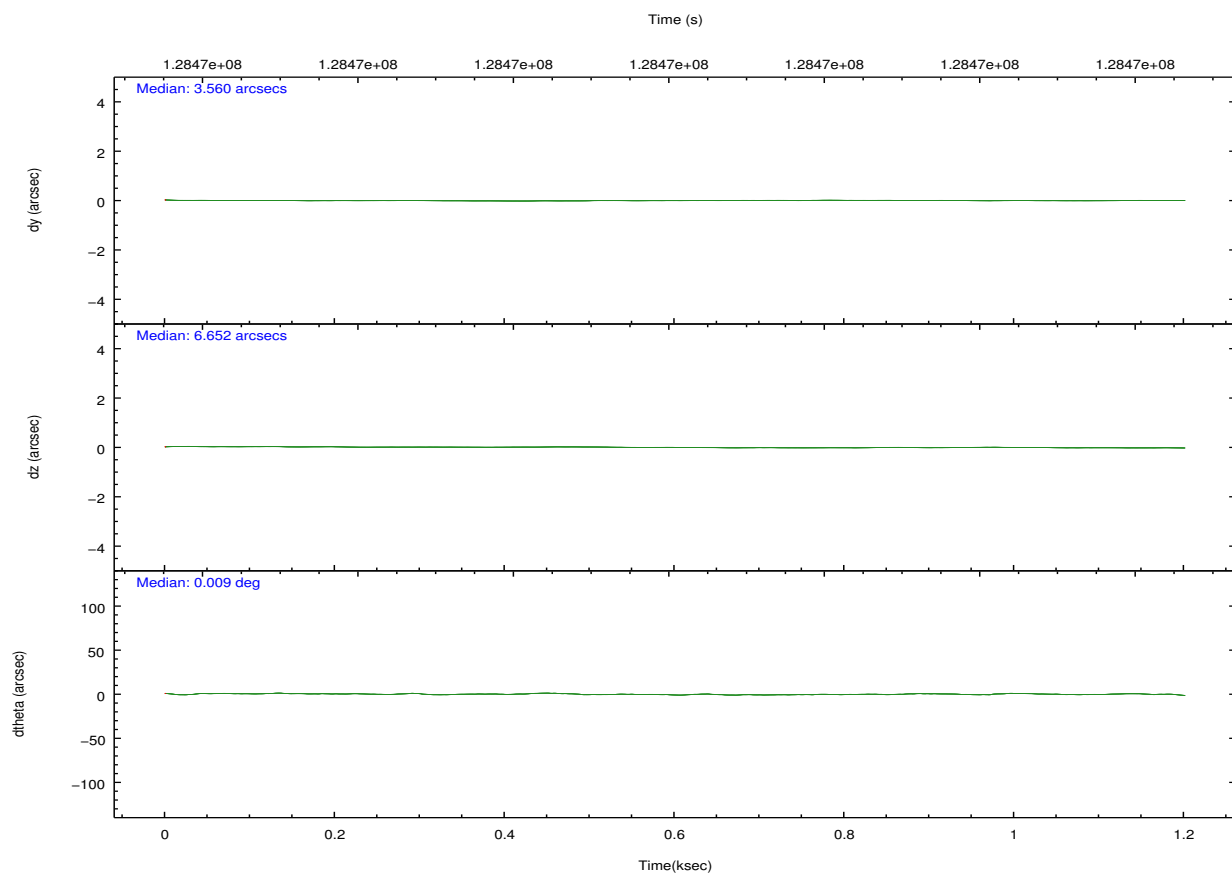
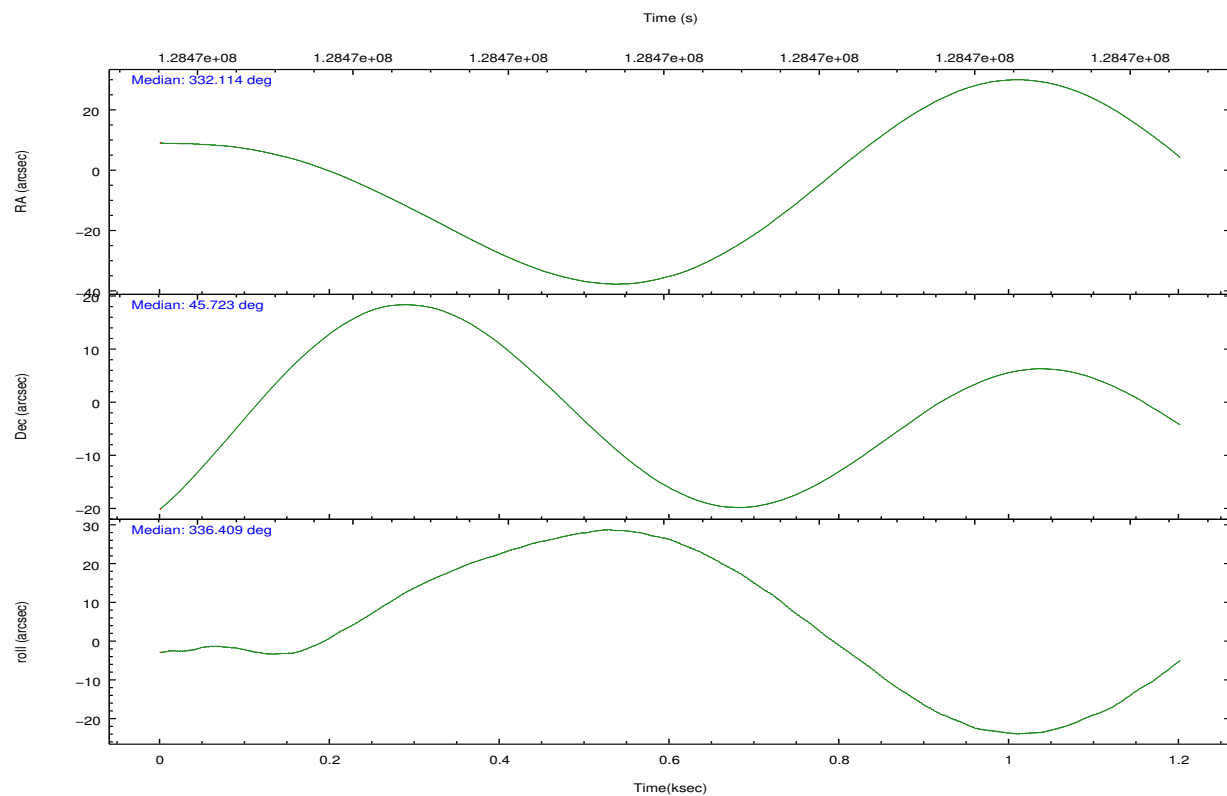
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.072815	332.1123706780953
[deg] Pointing Dec	45.718365	45.72280166924849
[deg] Pointing Roll	336.541664	336.417864148022
[s] Window start time (MET)	126230464.184000	126230464.184000
[s] Window stop time (MET)	131241664.184000	131241664.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	128473809.184000	128473397.48957
Observation start date	2002-01-26T23:09:05	2002-01-26T23:03:17
[s] Observation end time (MET)	128474809.184000	128474943.70214
Observation end date	2002-01-26T23:25:45	2002-01-26T23:29:03

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

2.3 Aspect



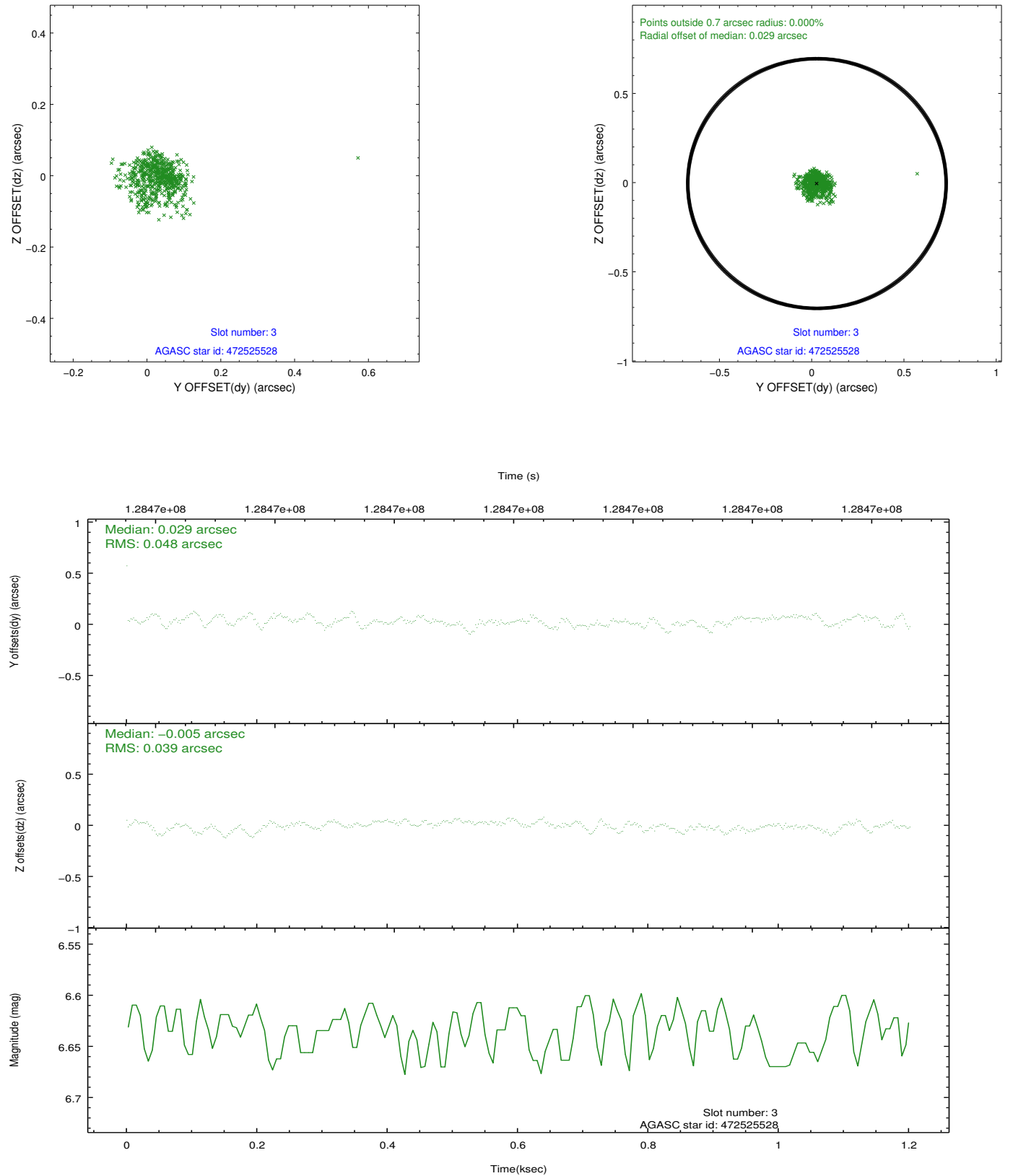


Slot Statistics

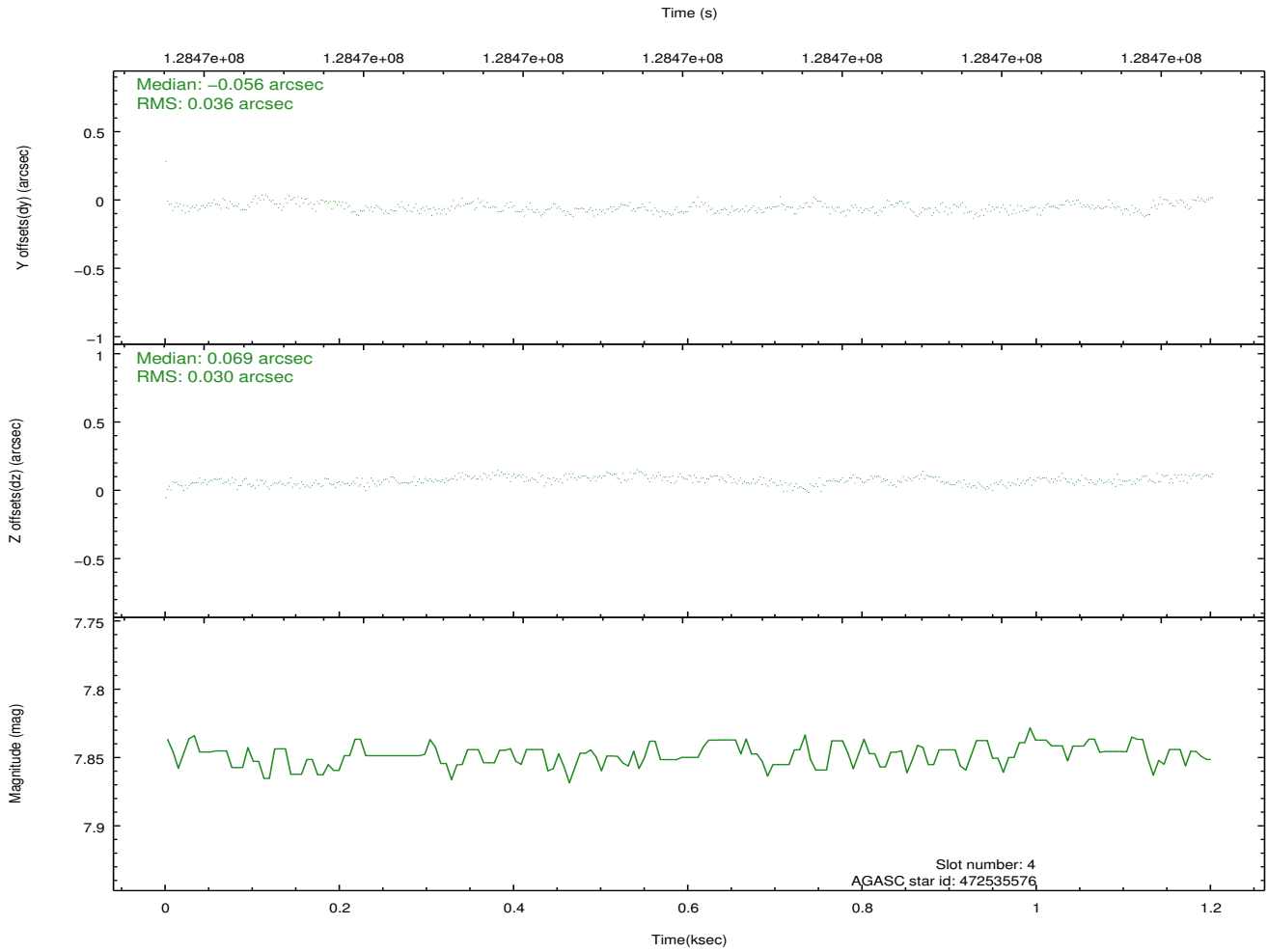
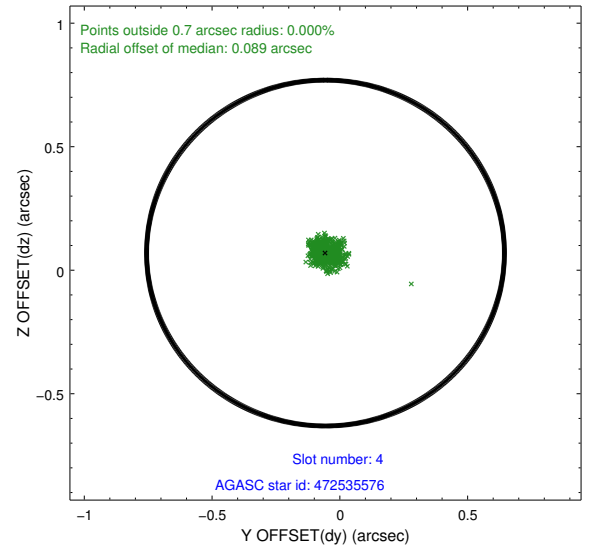
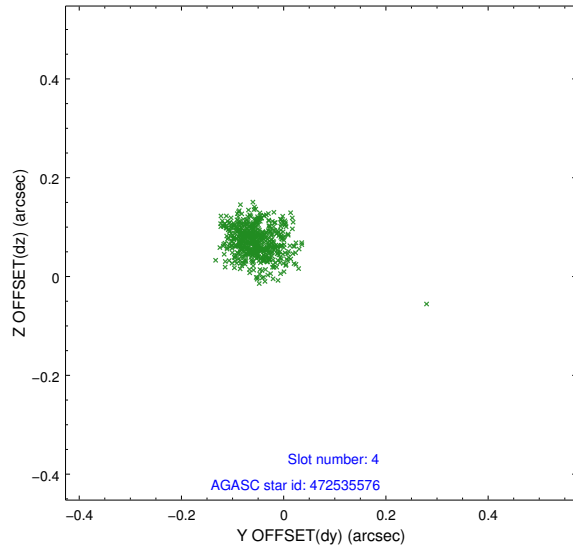
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	294	0.070	0.039	0.006	0.009	0.000000	0.000000	-759.00	-1294.49
1	FID	HRC-I-3	7.04	294	0.006	-0.055	0.006	0.011	0.000000	0.000000	-1190.10	1005.58
2	FID	HRC-I-4	6.98	294	0.038	-0.073	0.005	0.008	0.000000	0.000000	1279.75	1010.96
3	GUIDE	472525528	6.63	587	0.029	-0.005	0.062	0.102	331.551102	45.248694	-542.95	-2077.88
4	GUIDE	472535576	7.85	587	-0.056	0.069	0.049	0.077	331.438373	46.291802	-2274.83	1263.25
5	GUIDE	472523760	8.23	587	-0.020	-0.126	0.077	0.119	331.645363	45.403260	-546.02	-1470.43
6	GUIDE	472665256	9.02	586	-0.061	-0.013	0.091	0.140	332.808125	46.195041	991.58	2304.68
7	GUIDE	472659832	9.46	585	0.105	0.077	0.119	0.193	332.780399	46.098139	1073.01	1964.41

2.4 Star Slots

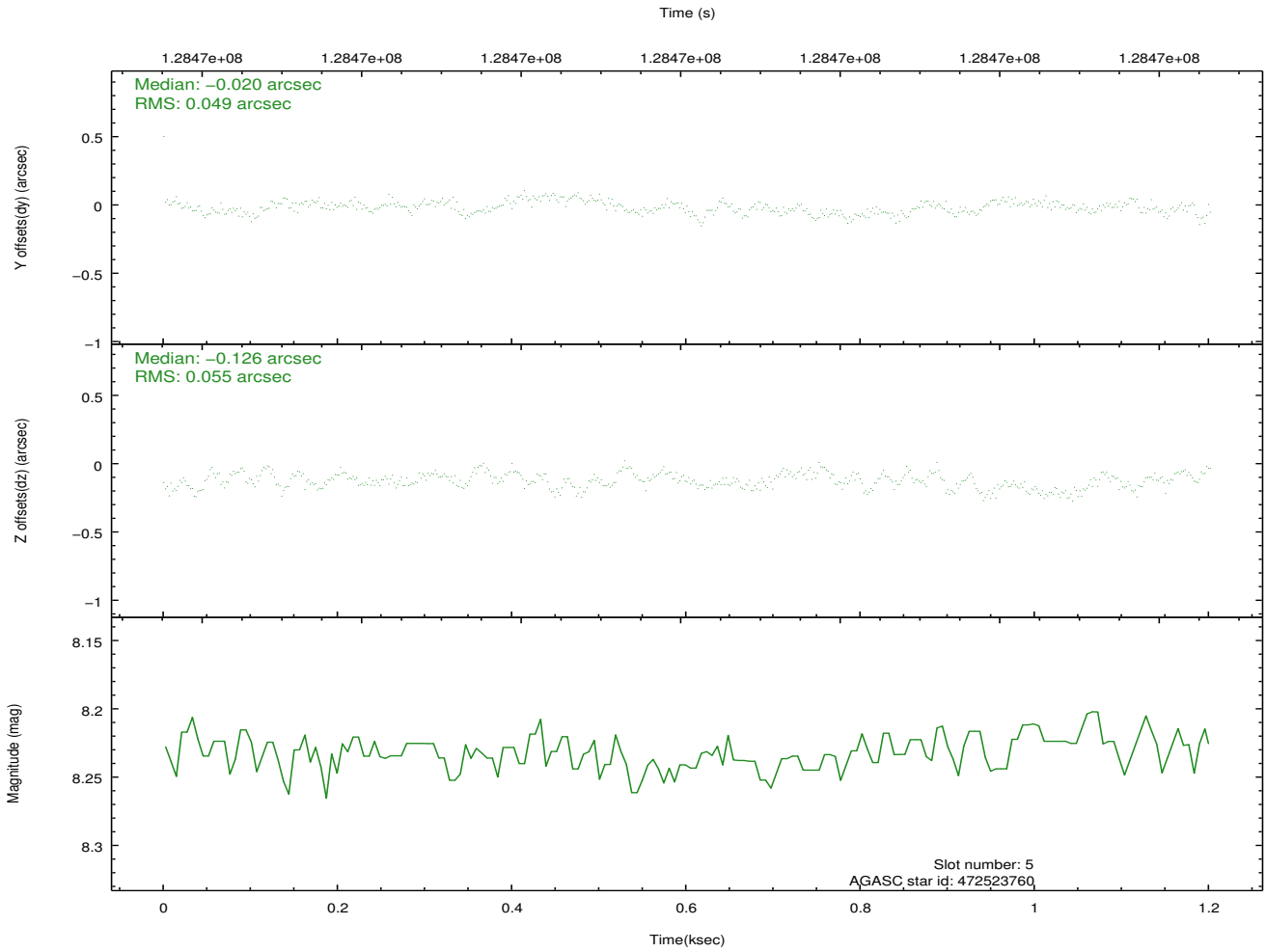
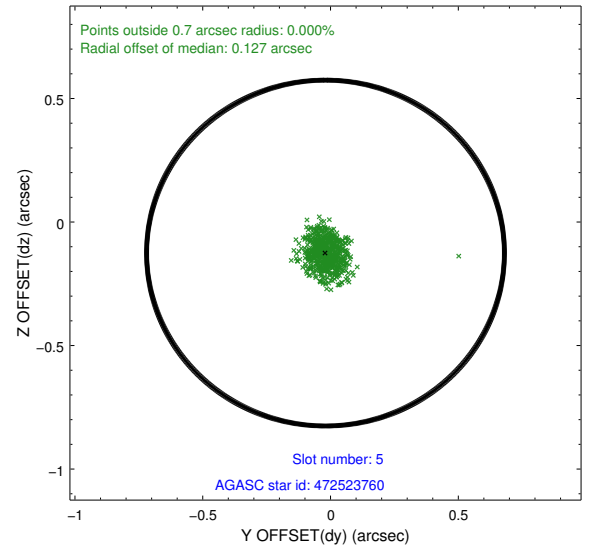
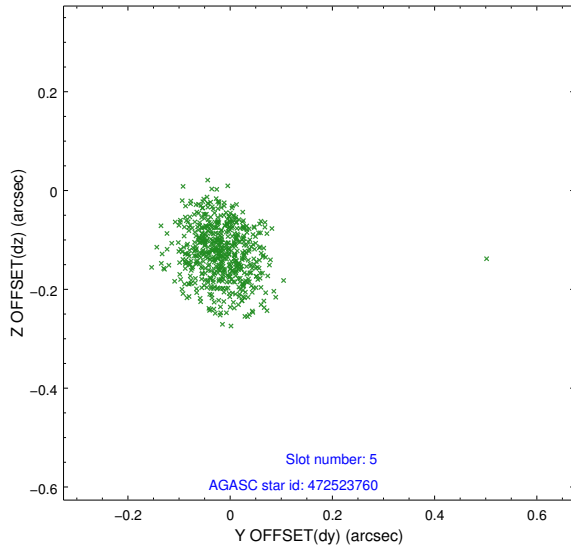
2.4.1 Slot 3



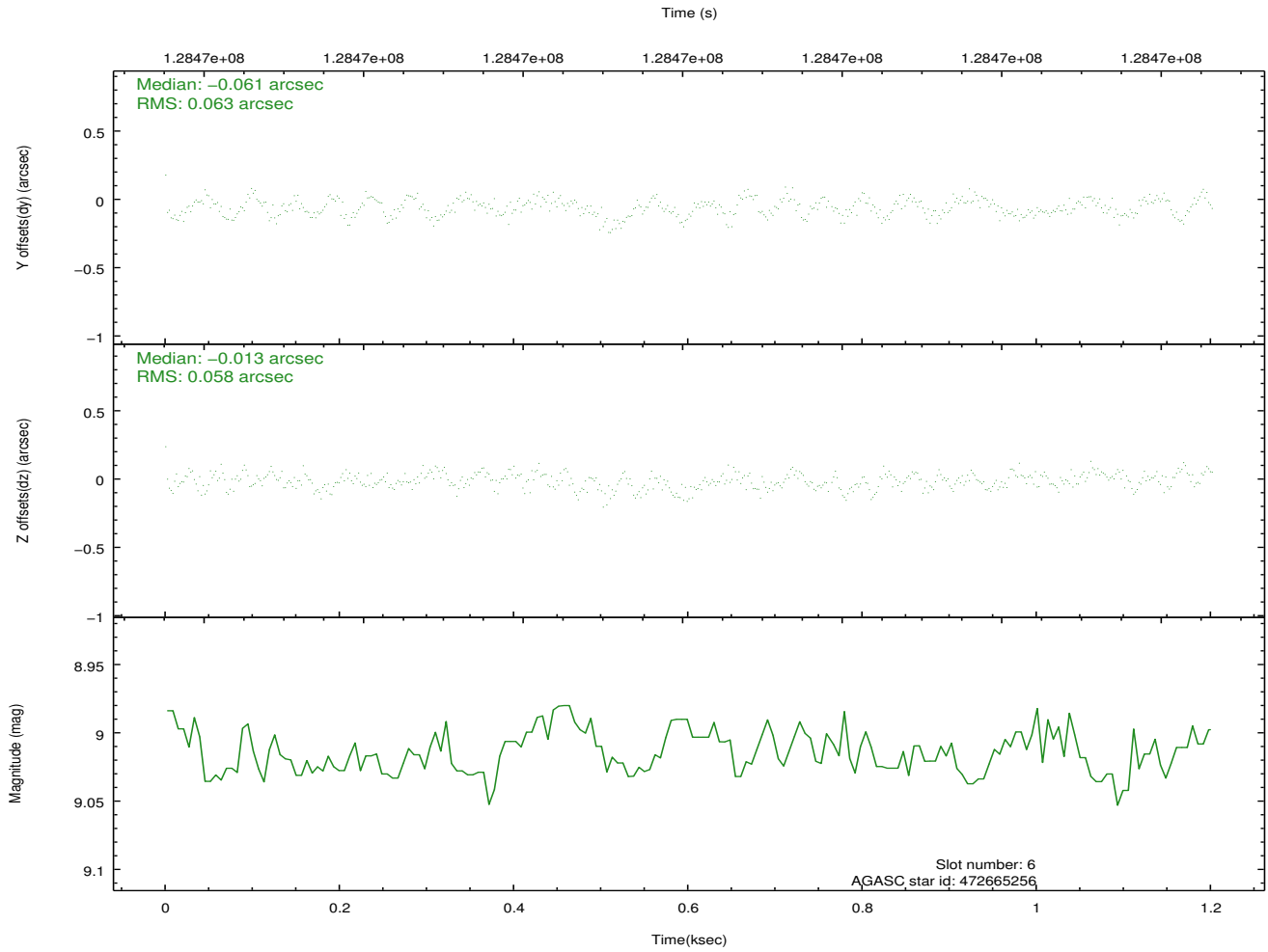
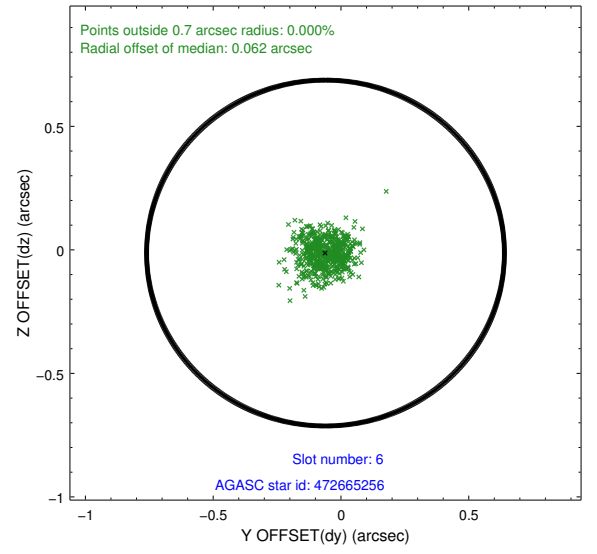
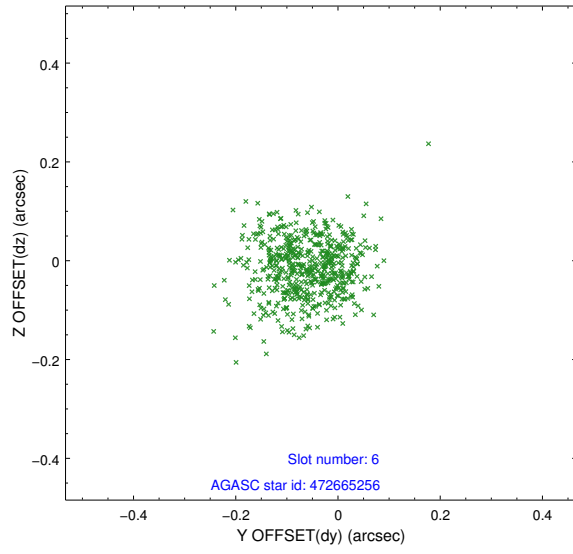
2.4.2 Slot 4



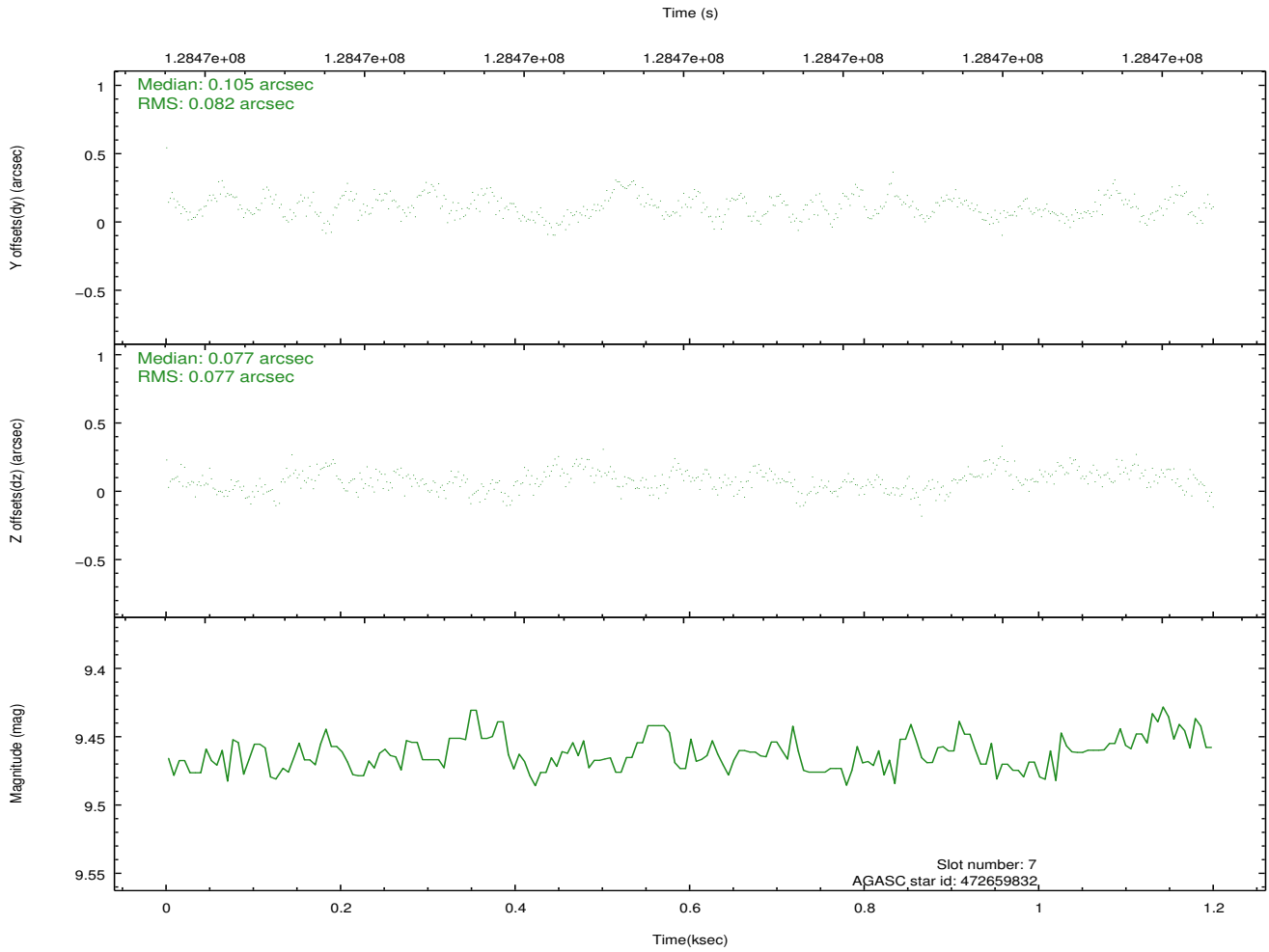
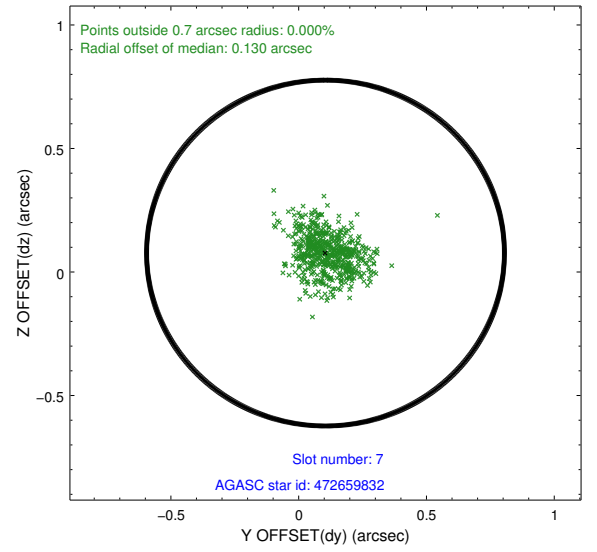
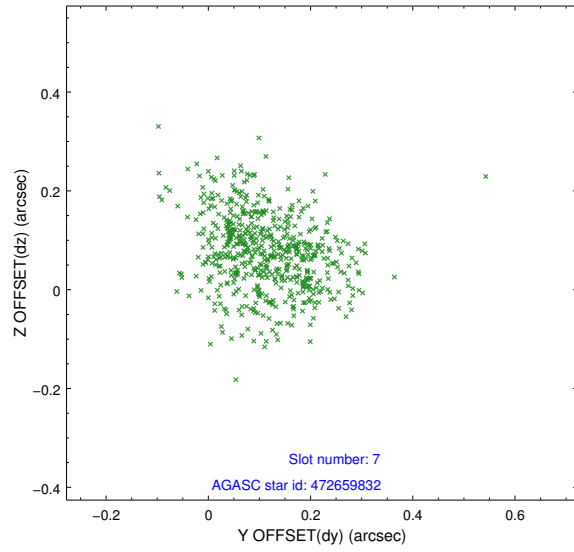
2.4.3 Slot 5



2.4.4 Slot 6

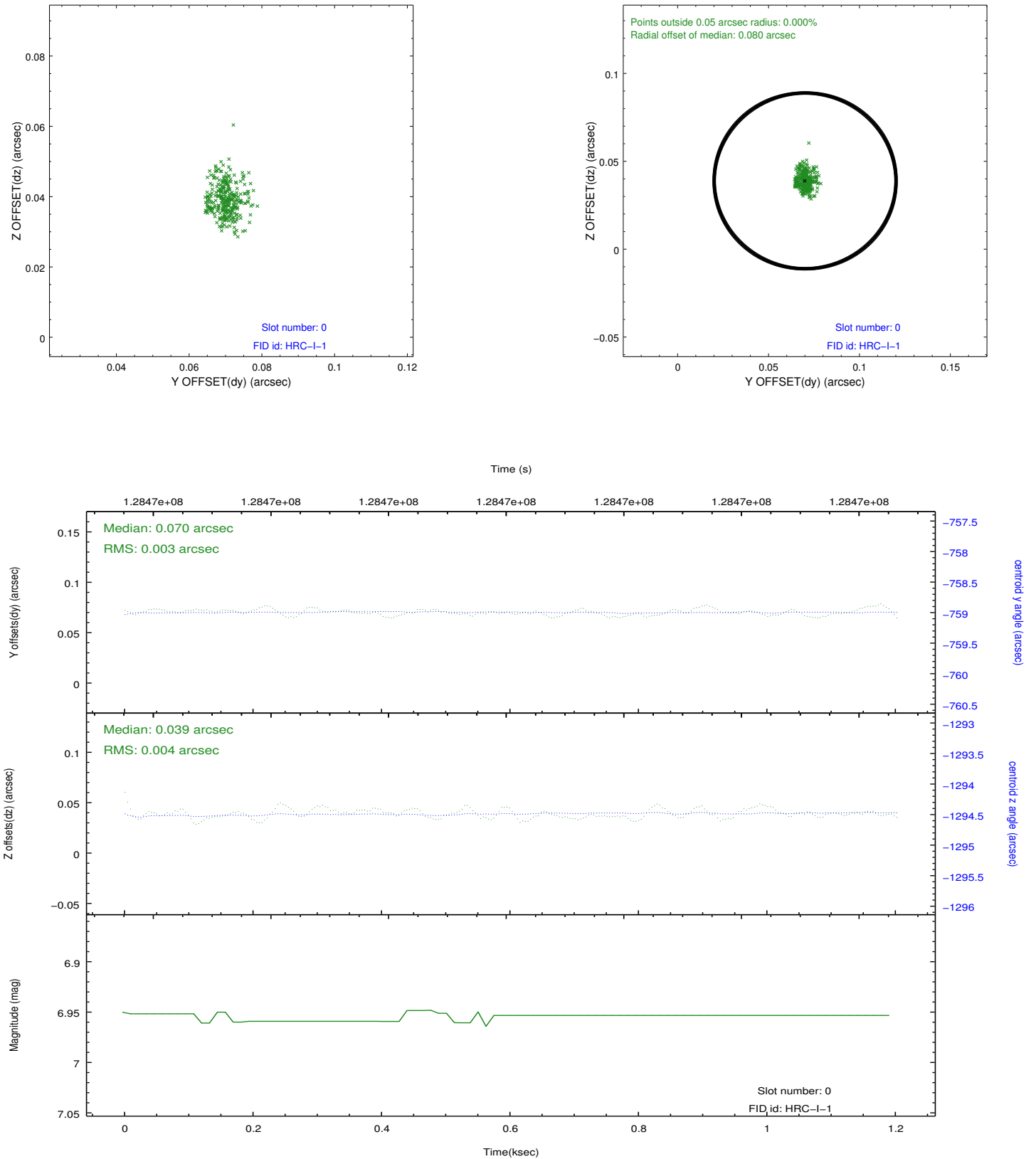


2.4.5 Slot 7

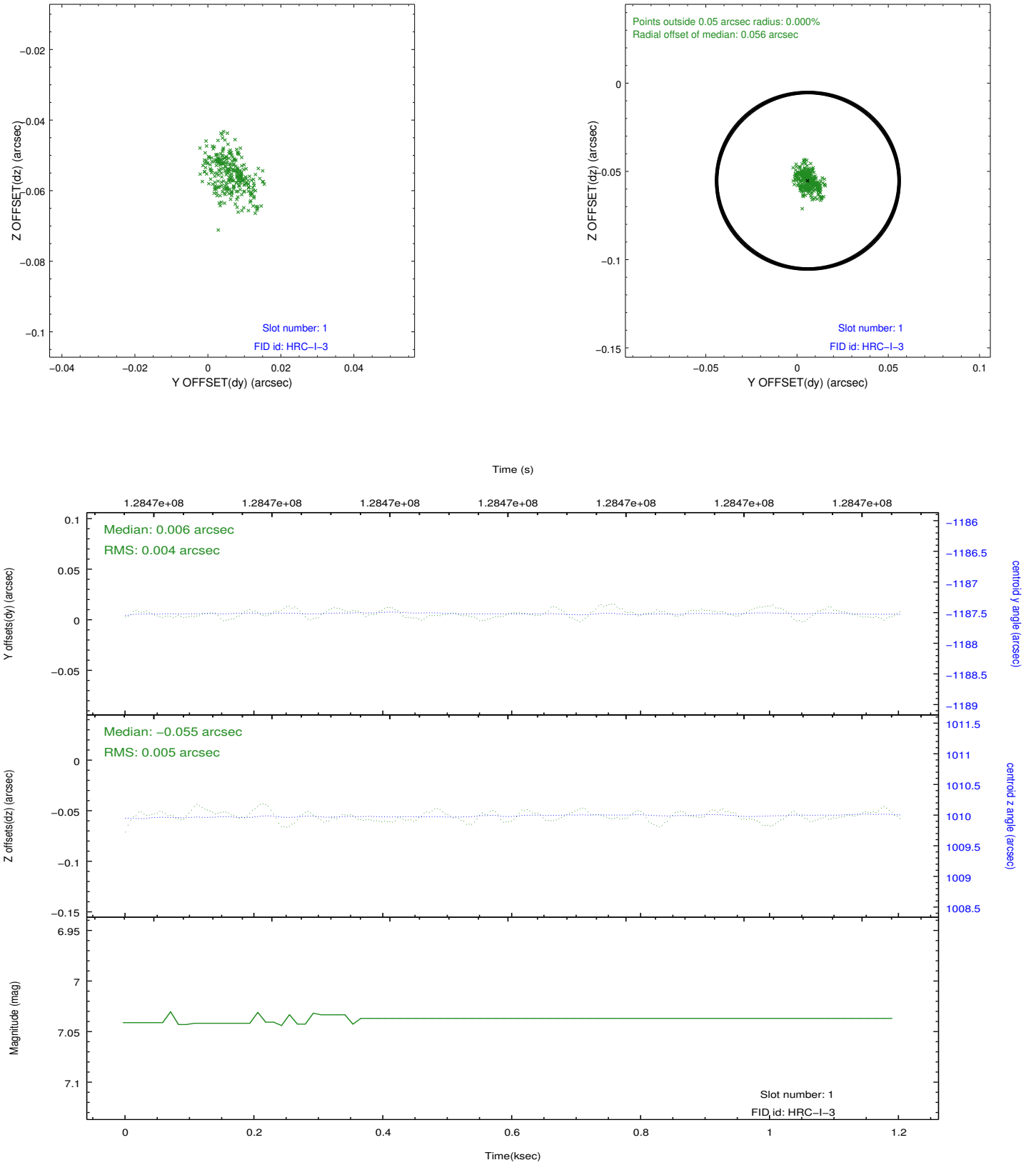


2.5 FID Slots

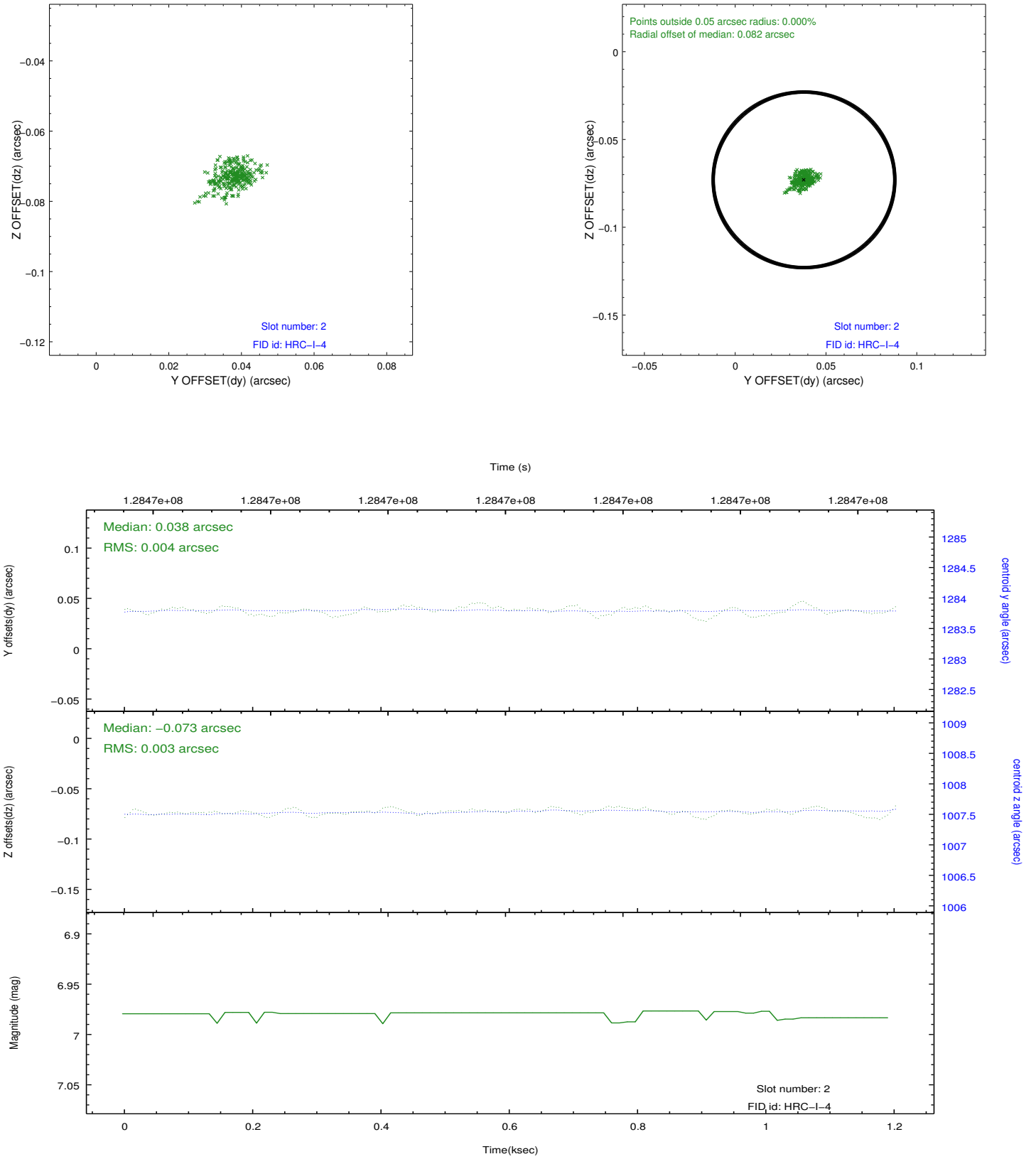
2.5.1 Slot 0



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	0.895

A.2 Comments

Window constraint met.