

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1569 - L2 Version 5
Chandra X-Ray Center

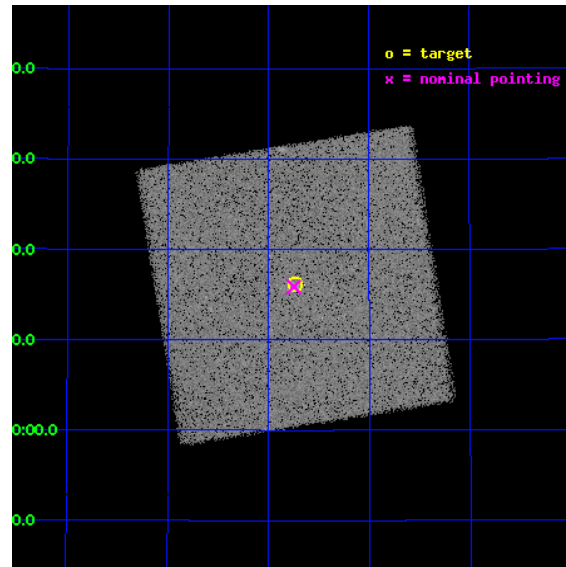
L2 Processing Date : Sep 7 2012

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1 Front

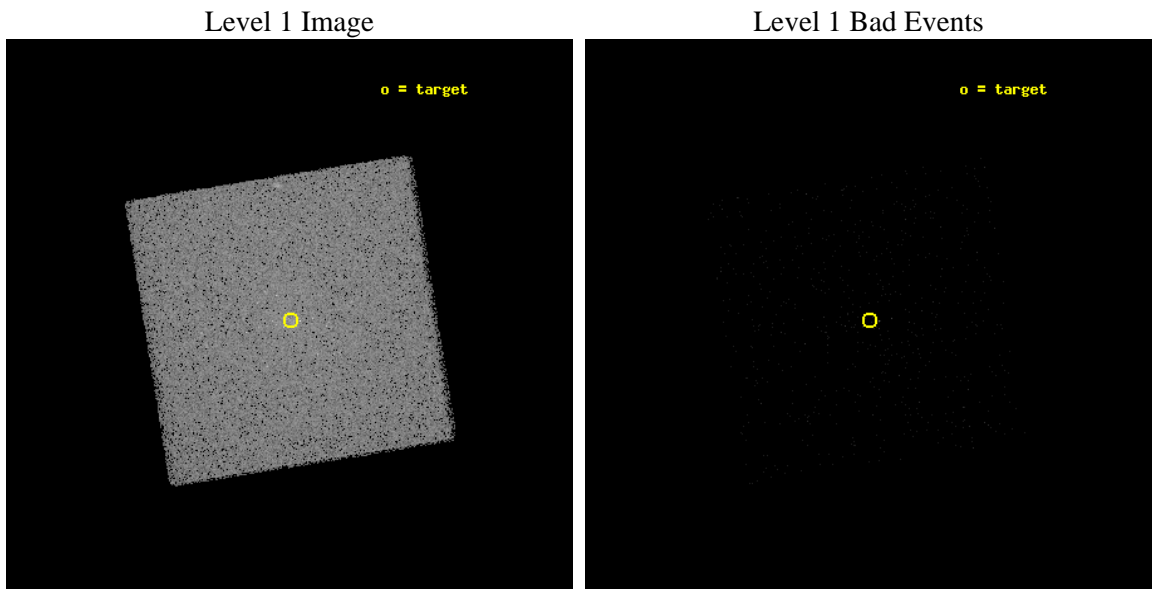
seq_num	600126	Sequence number
obs_id	1569	Observation id
title	HRC MONITORING OF M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.687169500808	Nominal RA [deg]
dec_nom	41.264872227745	Nominal Dec [deg]
roll_nom	305.85318330867	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.3812959939	[s]
livetime	1104.0277905839	Ontime multiplied by DTCOR
l2events	129747	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	1194.3812959939	[s]
caldbver	4.5.1.1	 	l1events	206859	Number of level 1 events
date	2012-09-07T04:45:04	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

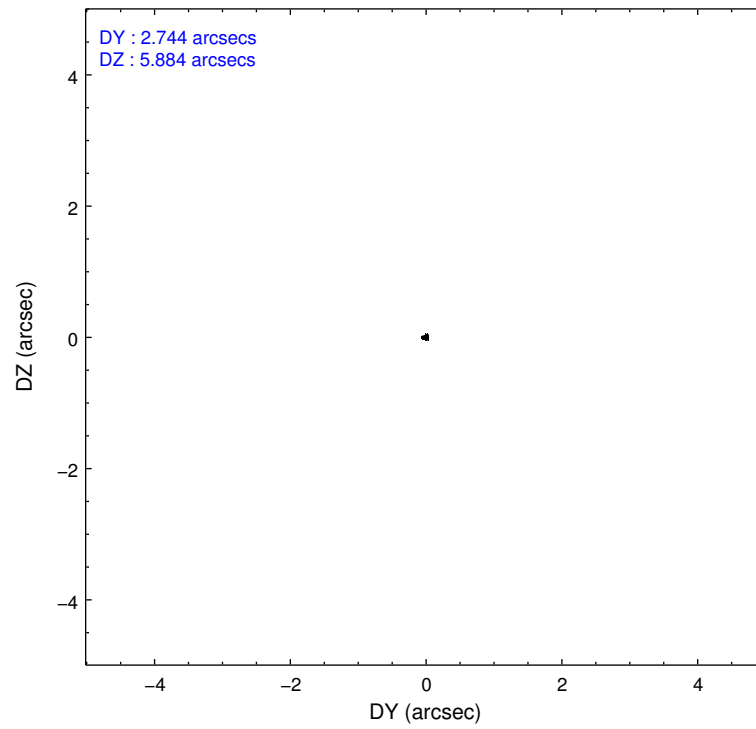
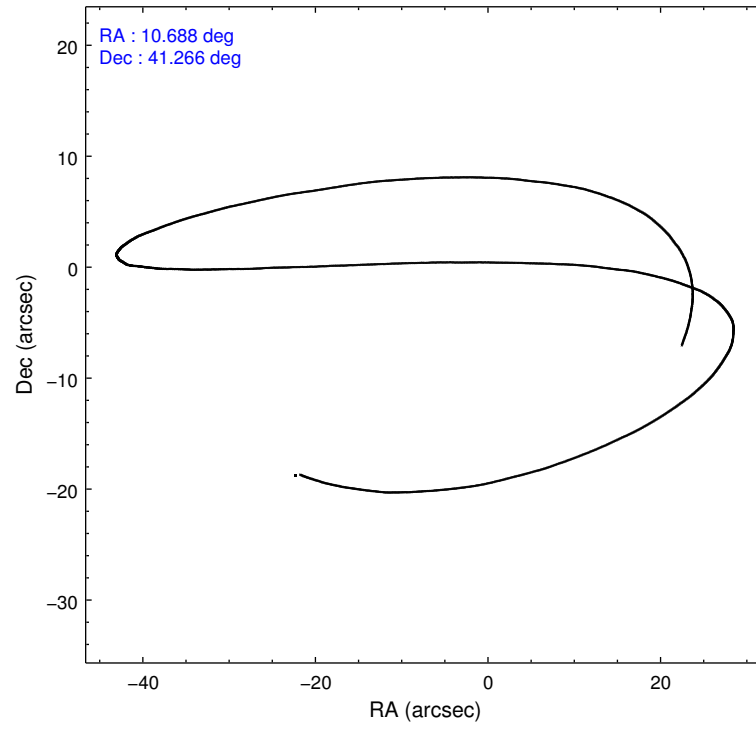
	segment 0
level 1 events	206859
rejected events	41106
rejected %	19%

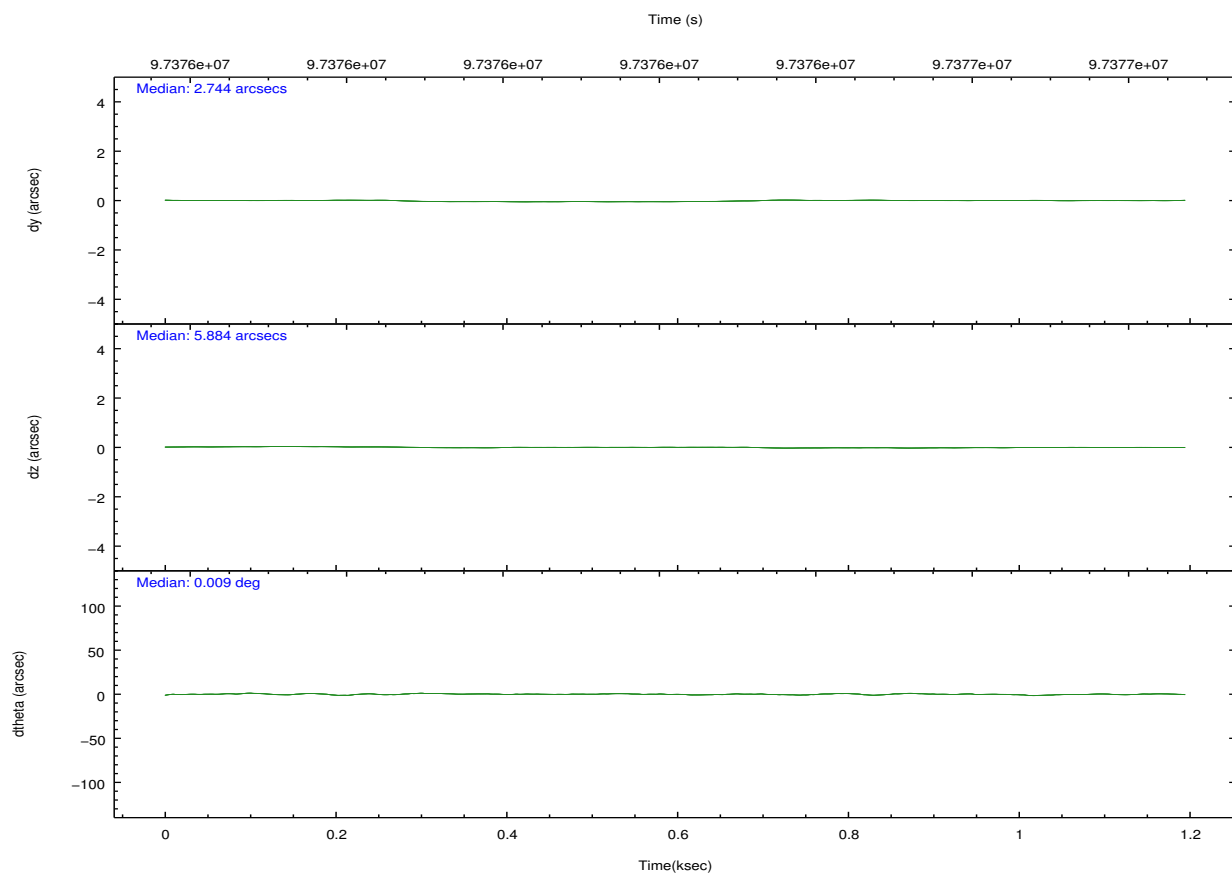
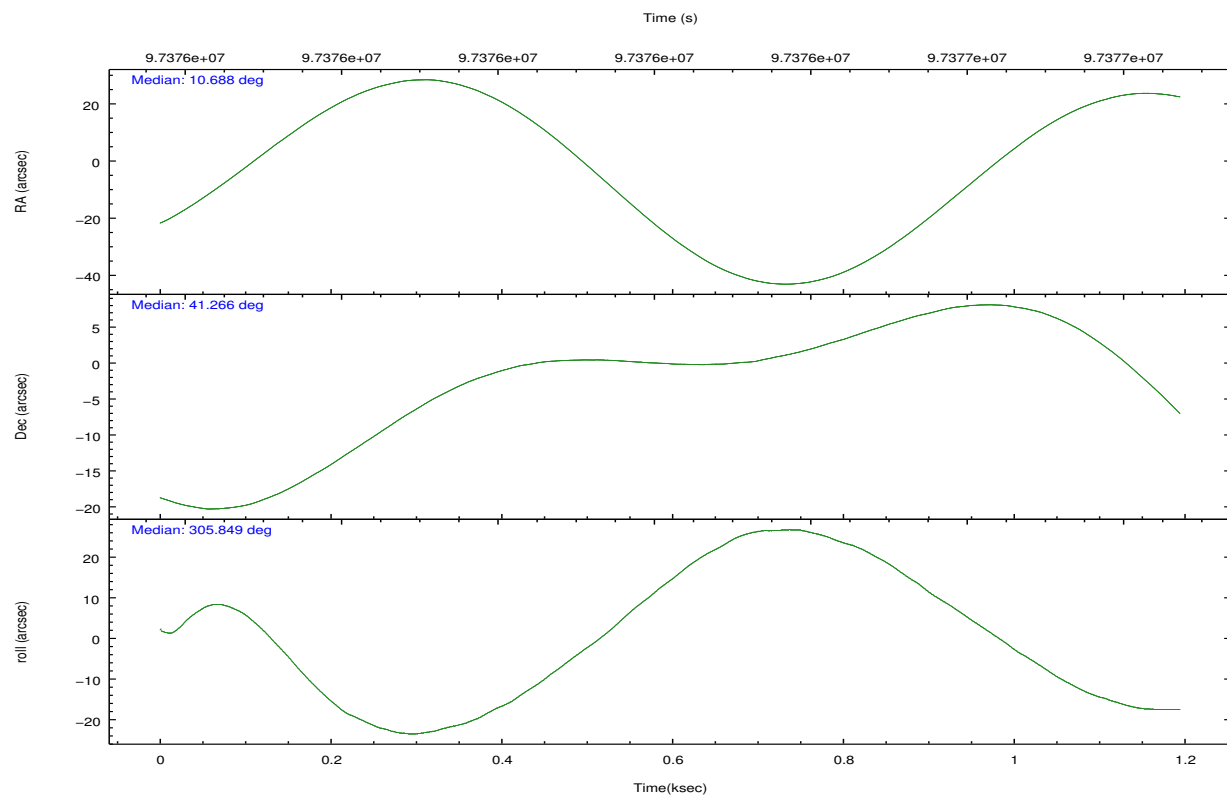
2.2 Compared Parameters

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	10.653019	10.68716950080767
[deg] Pointing Dec	41.275415	41.26487222774504
[deg] Pointing Roll	305.971253	305.8531833086715
[s] Window start time (MET)	97372864.184000	97372864.184000
[s] Window stop time (MET)	98496064.184000	98496064.184000
[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)	97375819.184000	97375443.10425299
Observation start date	2001-02-01T00:49:15	2001-02-01T00:44:03
[s] Observation end time (MET)	97376819.184000	97376952.92931101
Observation end date	2001-02-01T01:05:55	2001-02-01T01:09:12

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

2.3 Aspect



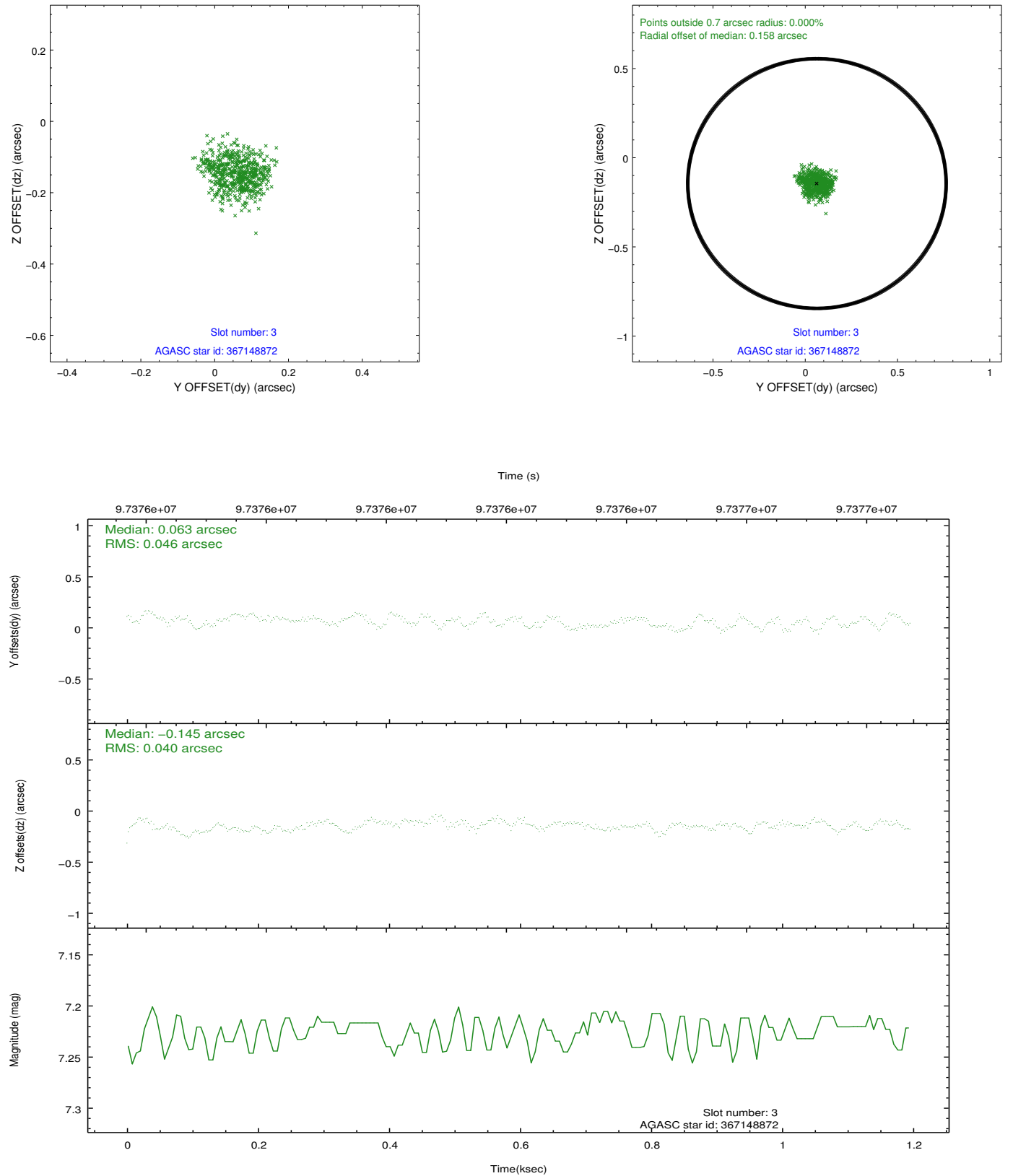


Slot Statistics

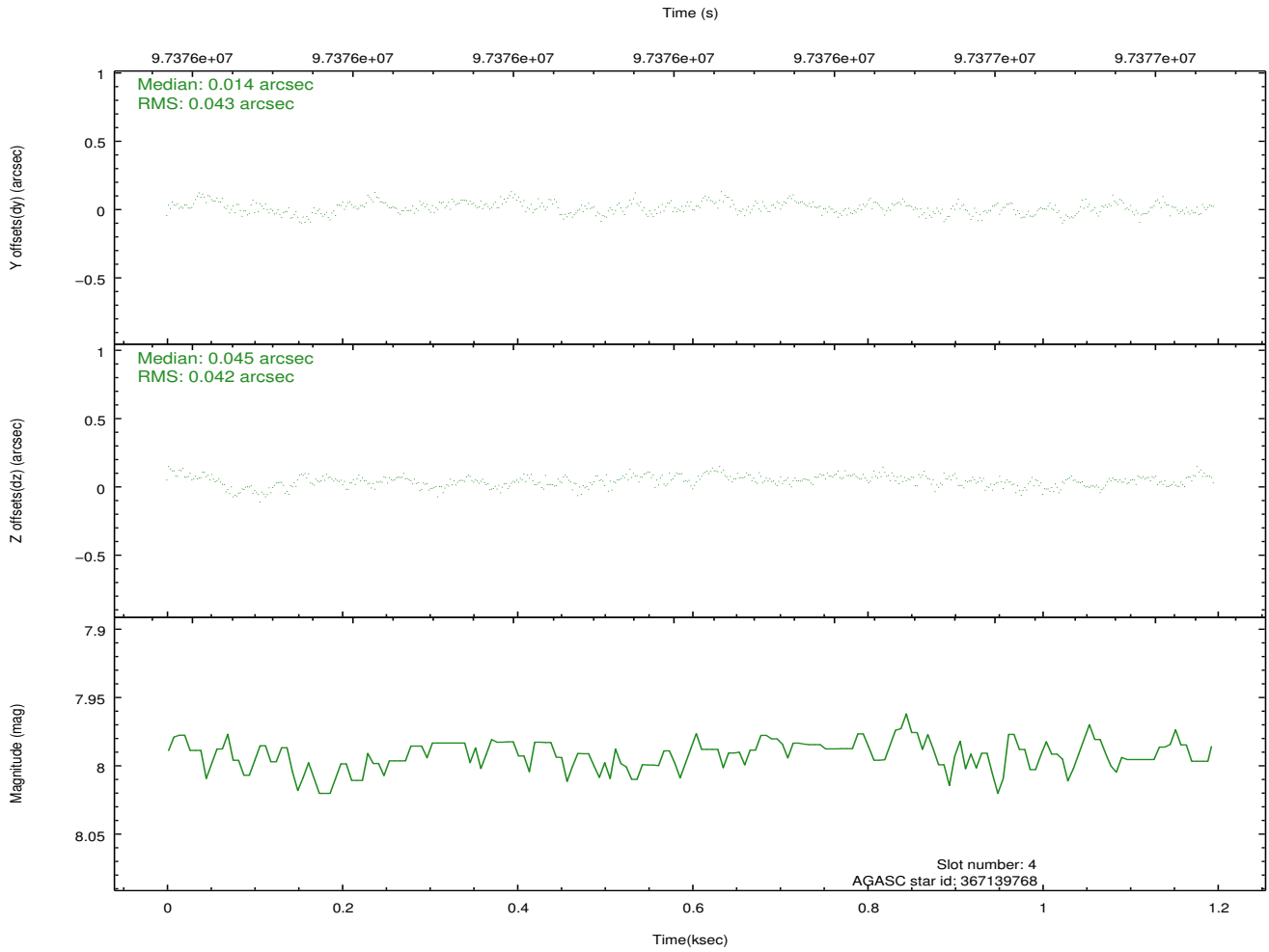
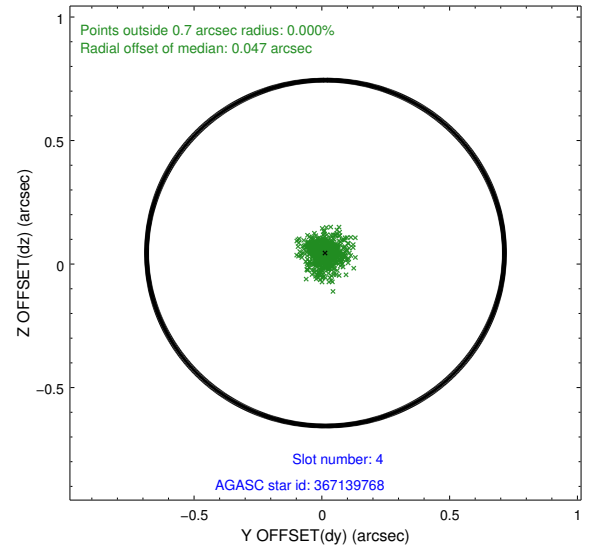
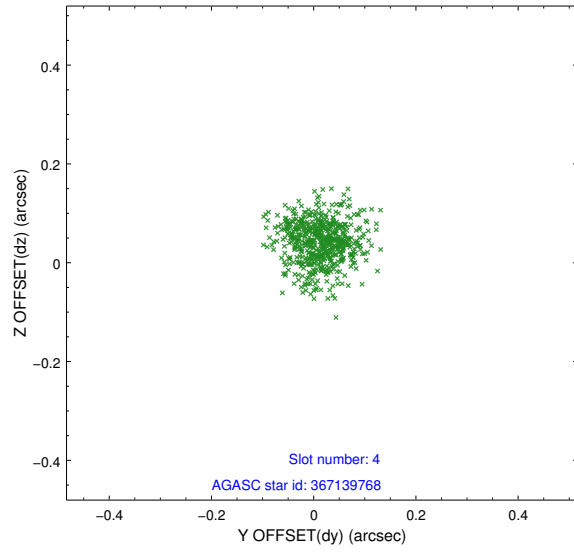
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	292	0.036	-0.019	0.005	0.008	0.000000	0.000000	-758.18	-1293.76
1	FID	HRC-I-2	7.00	292	0.060	-0.009	0.006	0.009	0.000000	0.000000	851.88	-1299.77
2	FID	HRC-I-4	6.98	292	0.021	-0.065	0.005	0.007	0.000000	0.000000	1287.54	1003.89
3	GUIDE	367148872	7.22	584	0.063	-0.145	0.067	0.100	10.505940	40.688258	1472.73	-1569.38
4	GUIDE	367139768	7.99	584	0.014	0.045	0.064	0.102	11.069715	40.685175	2386.14	-331.32
5	GUIDE	367674552	8.86	584	-0.020	0.042	0.074	0.123	11.016238	41.570845	-285.89	1414.16
6	GUIDE	367146616	8.86	584	0.099	0.015	0.073	0.117	11.418645	41.190163	1456.74	1503.35
7	GUIDE	367671800	9.41	583	-0.150	0.033	0.103	0.262	10.554735	41.964935	-2163.42	1244.82

2.4 Star Slots

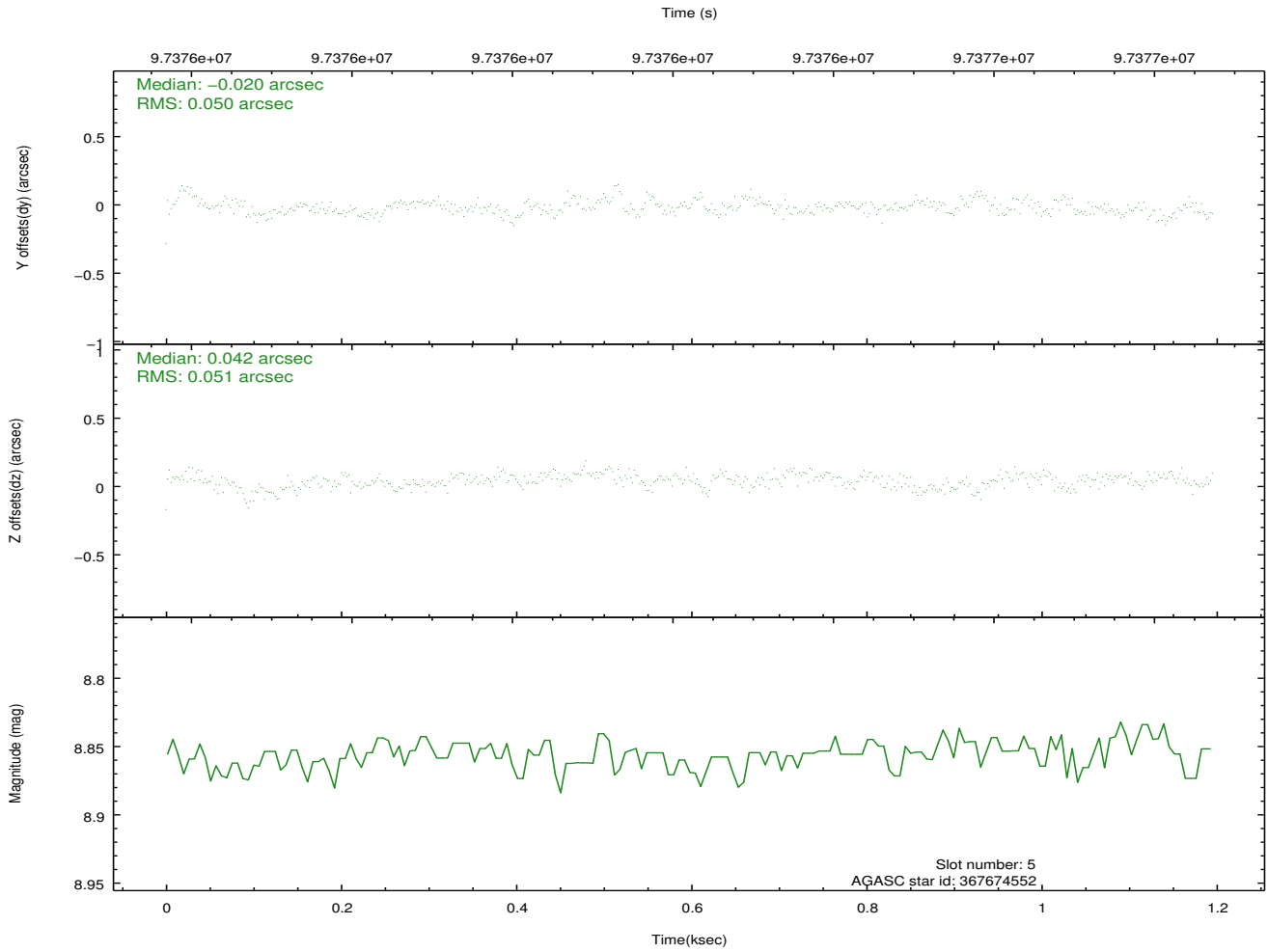
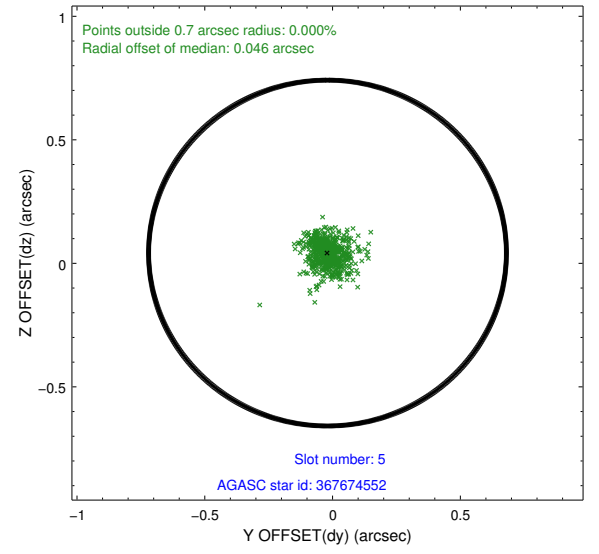
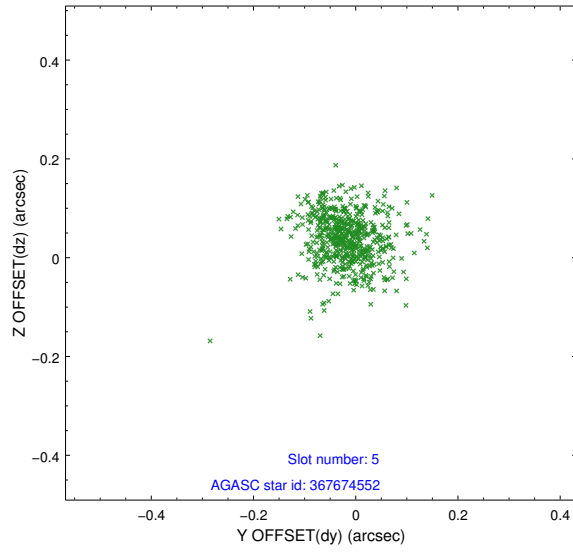
2.4.1 Slot 3



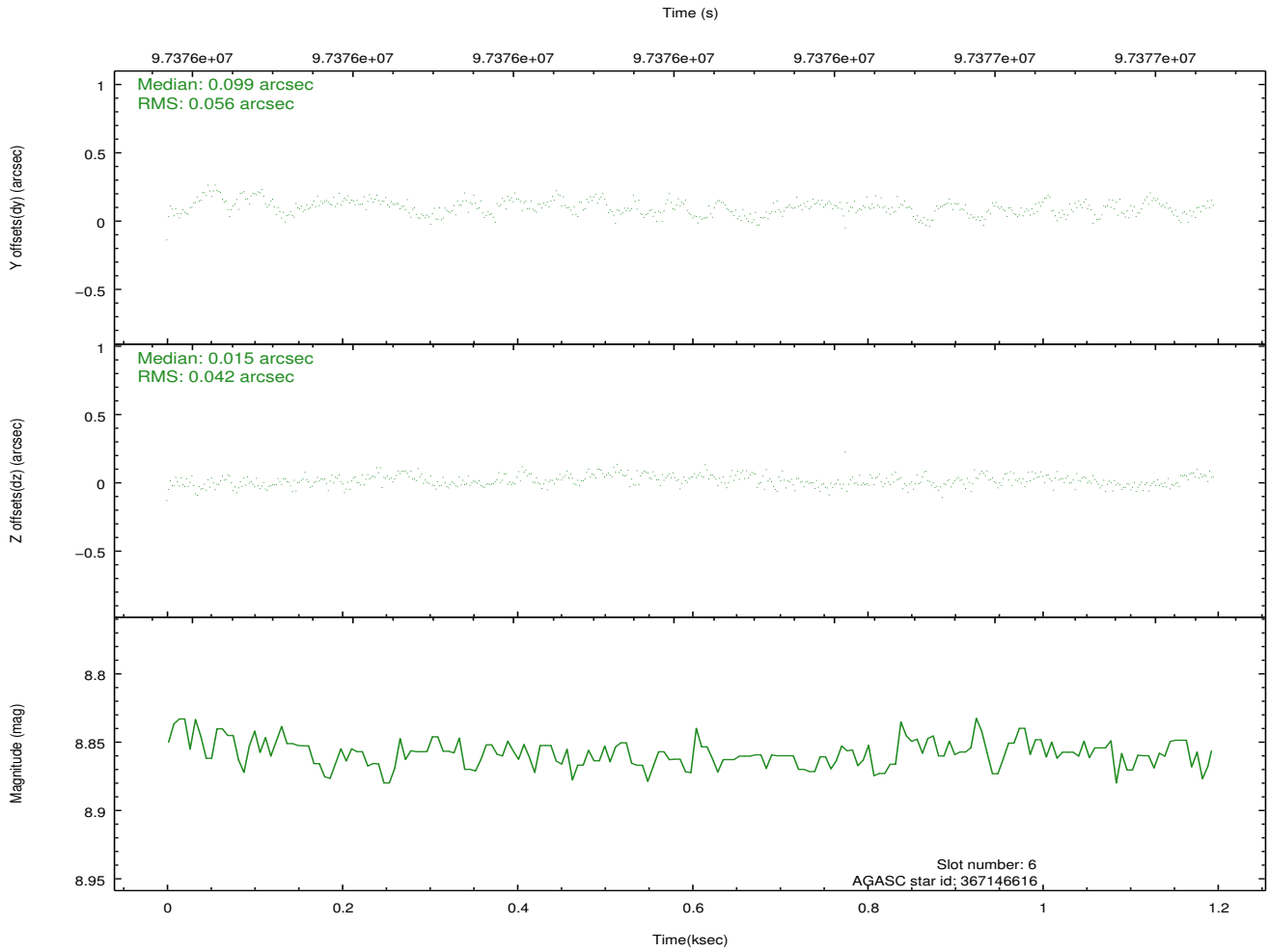
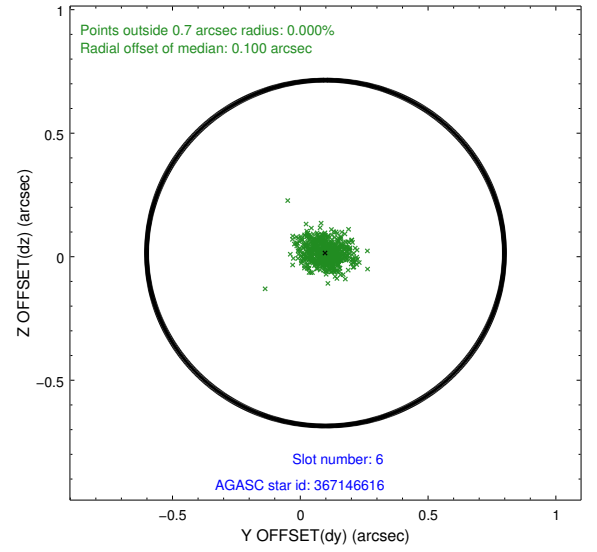
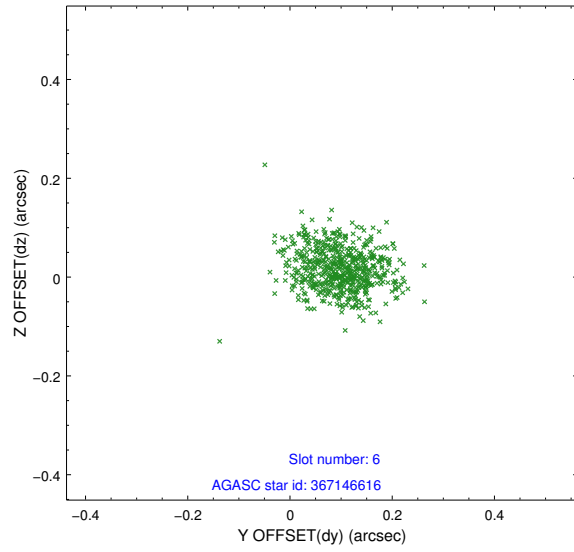
2.4.2 Slot 4



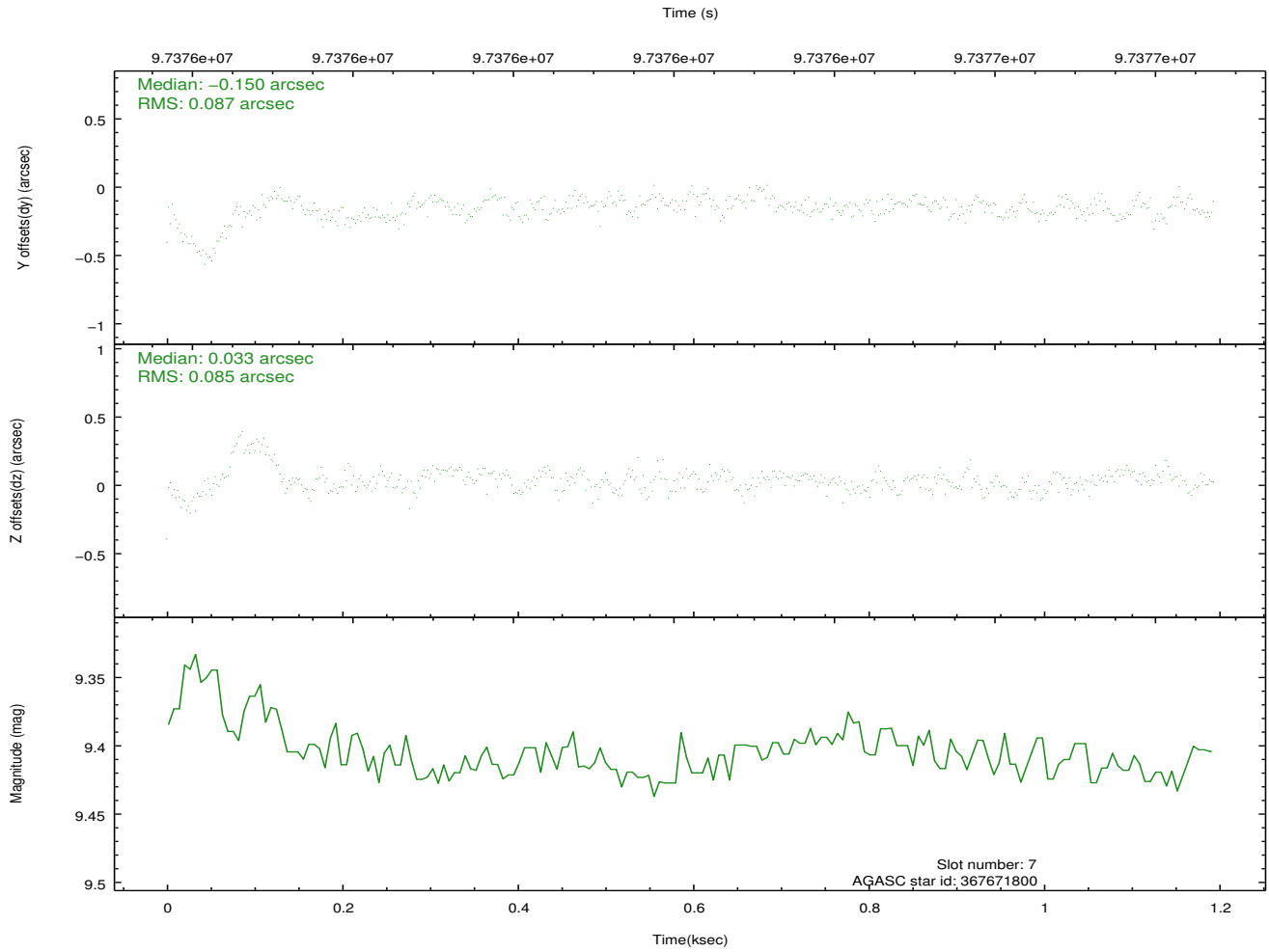
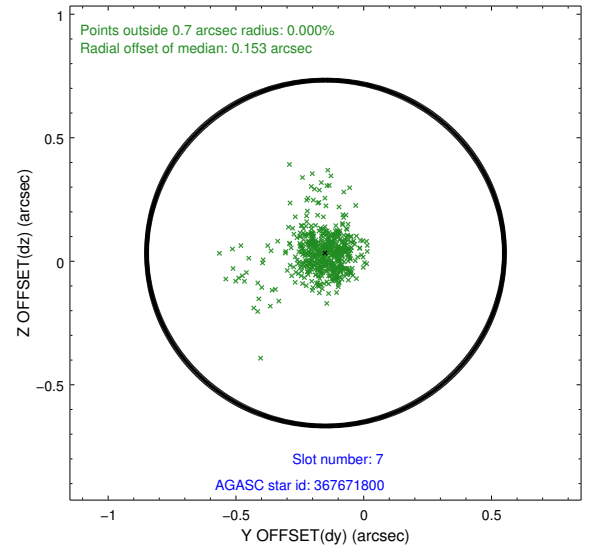
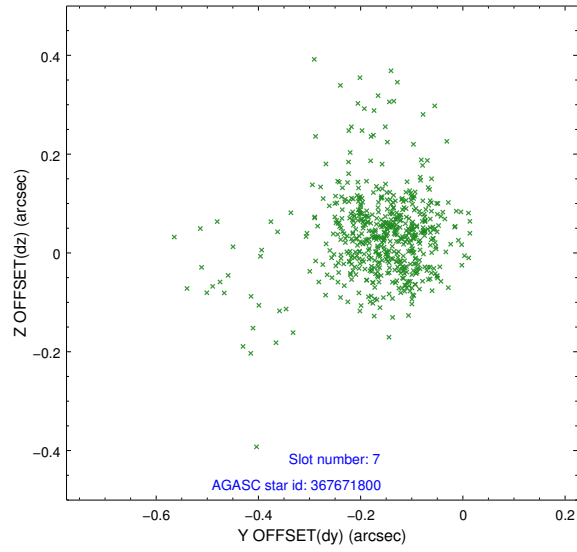
2.4.3 Slot 5



2.4.4 Slot 6

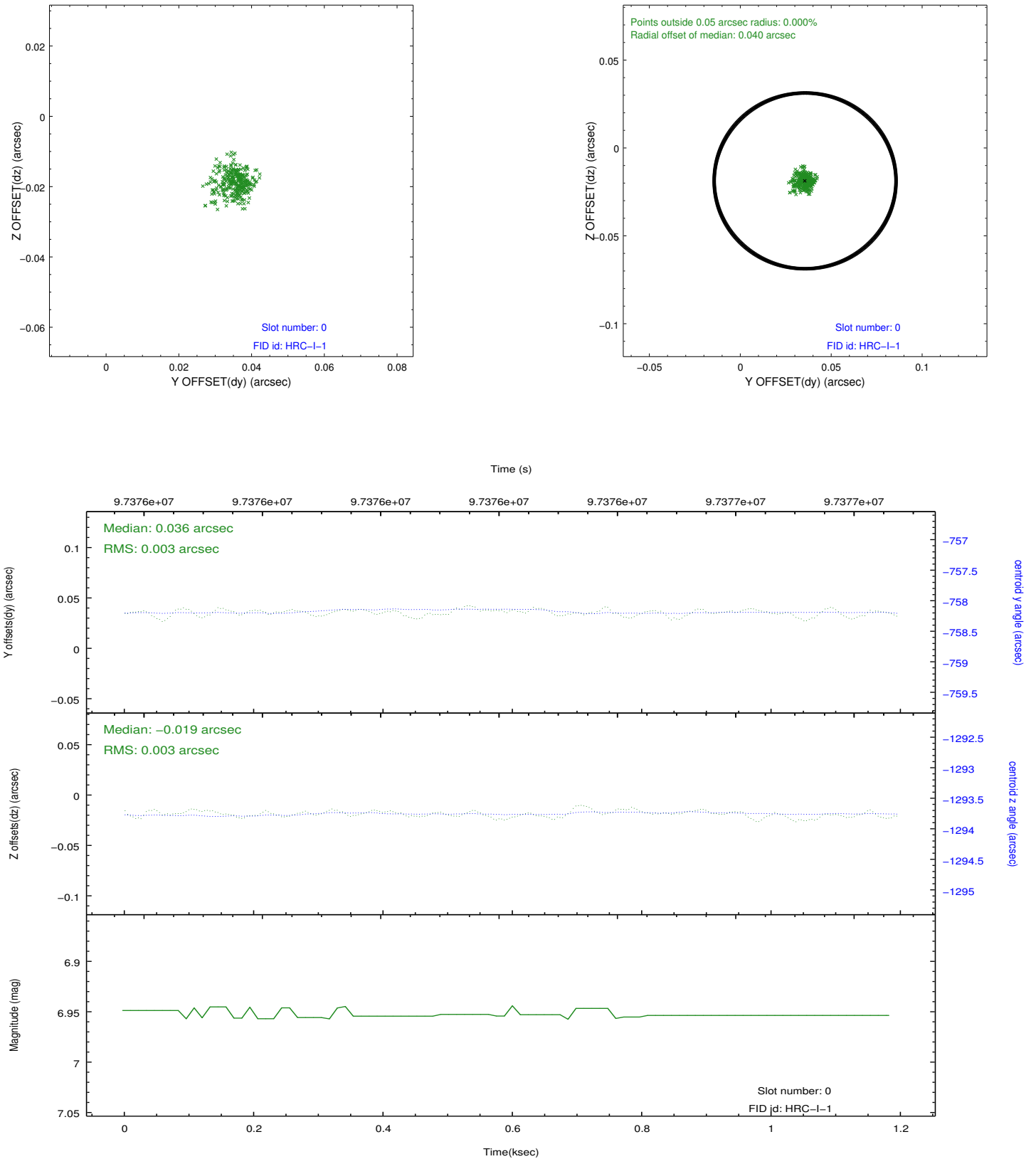


2.4.5 Slot 7

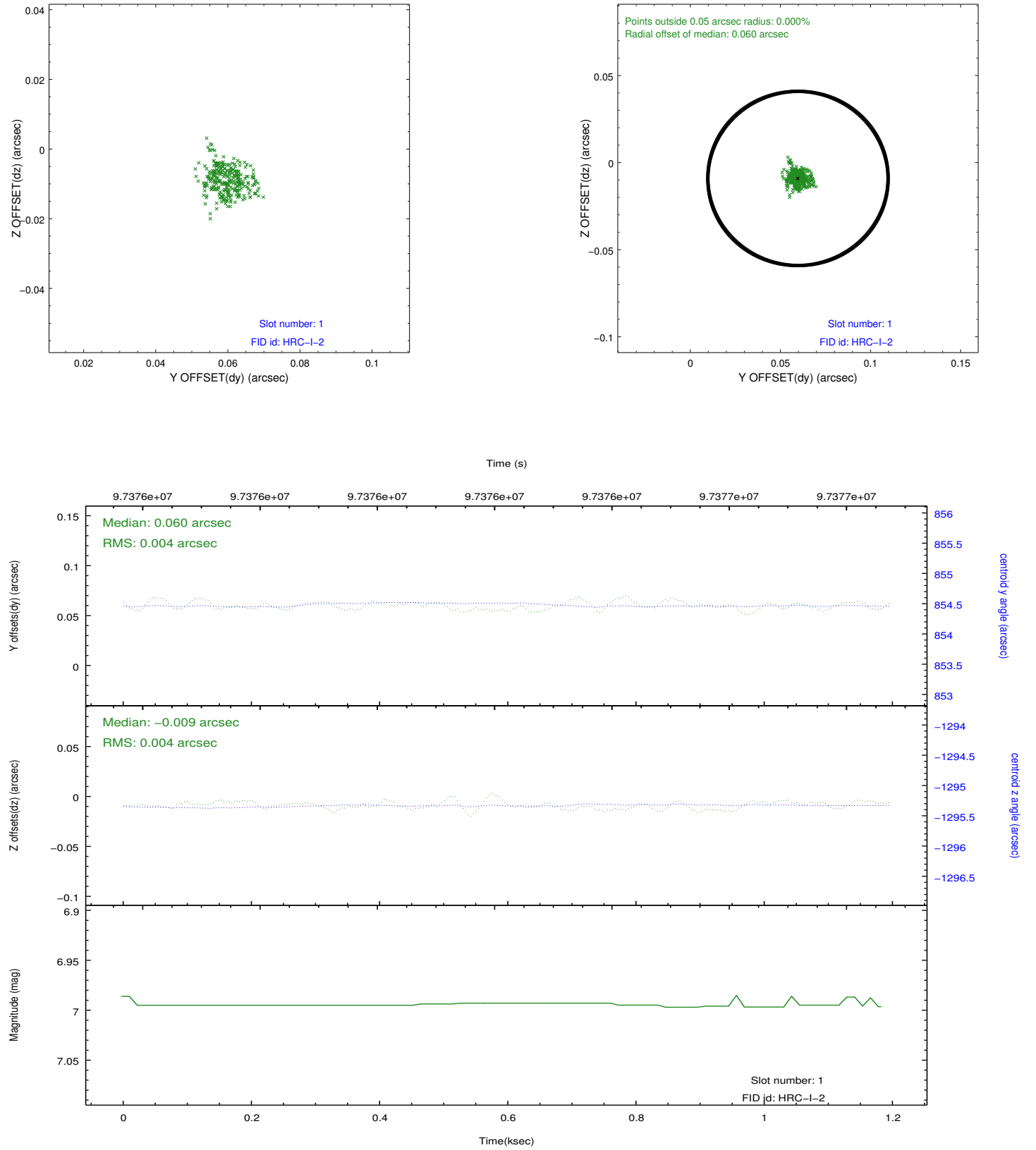


2.5 FID Slots

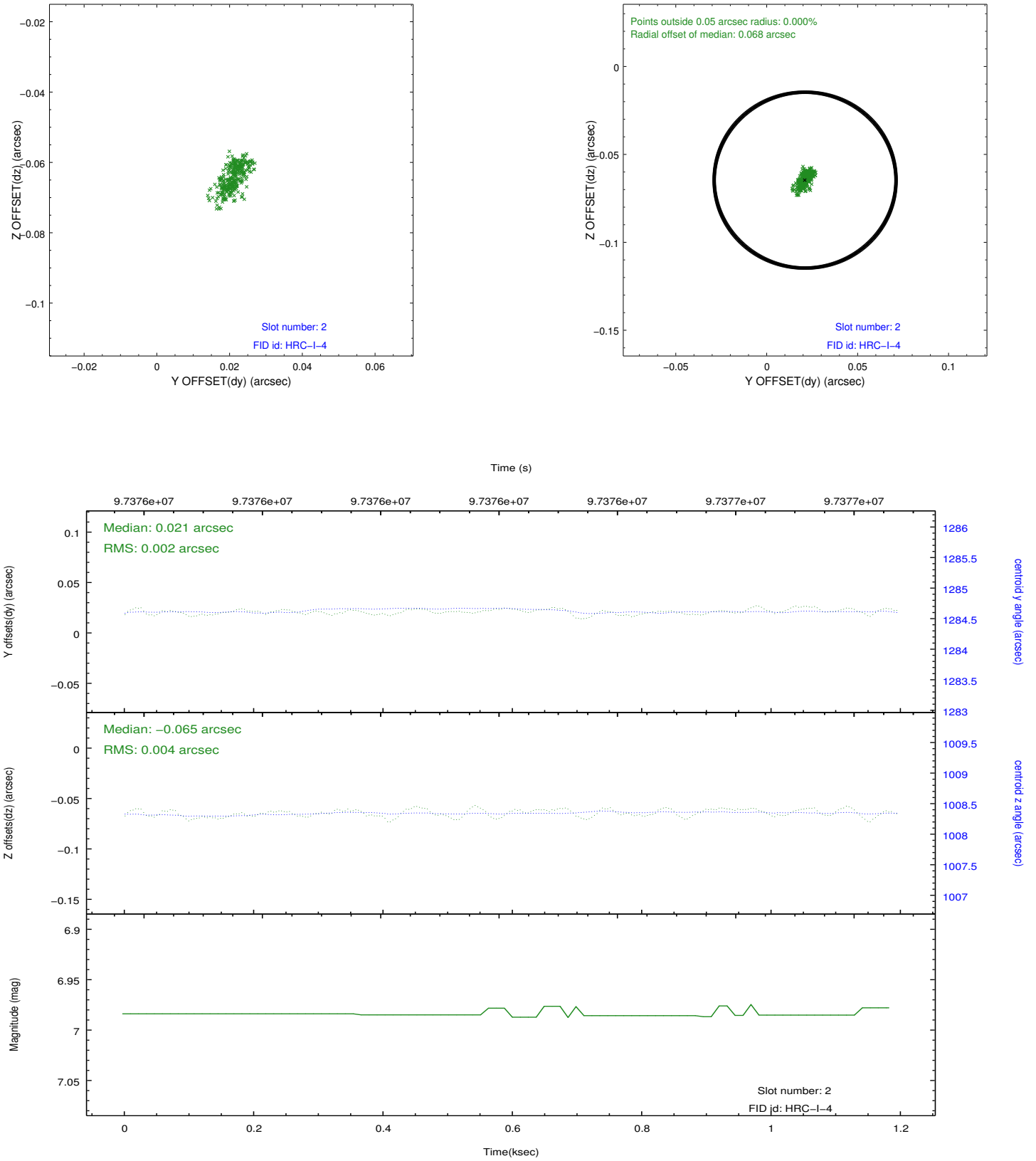
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments

Window preference met.