

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 265 - L2 Version 6
Chandra X-Ray Center

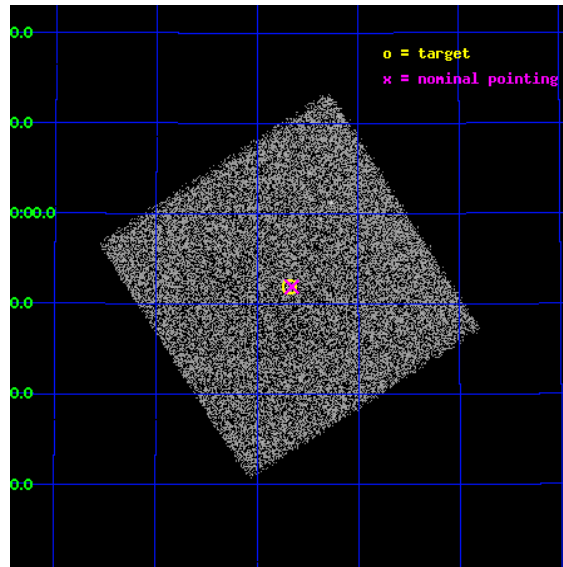
L2 Processing Date : Sep 2 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

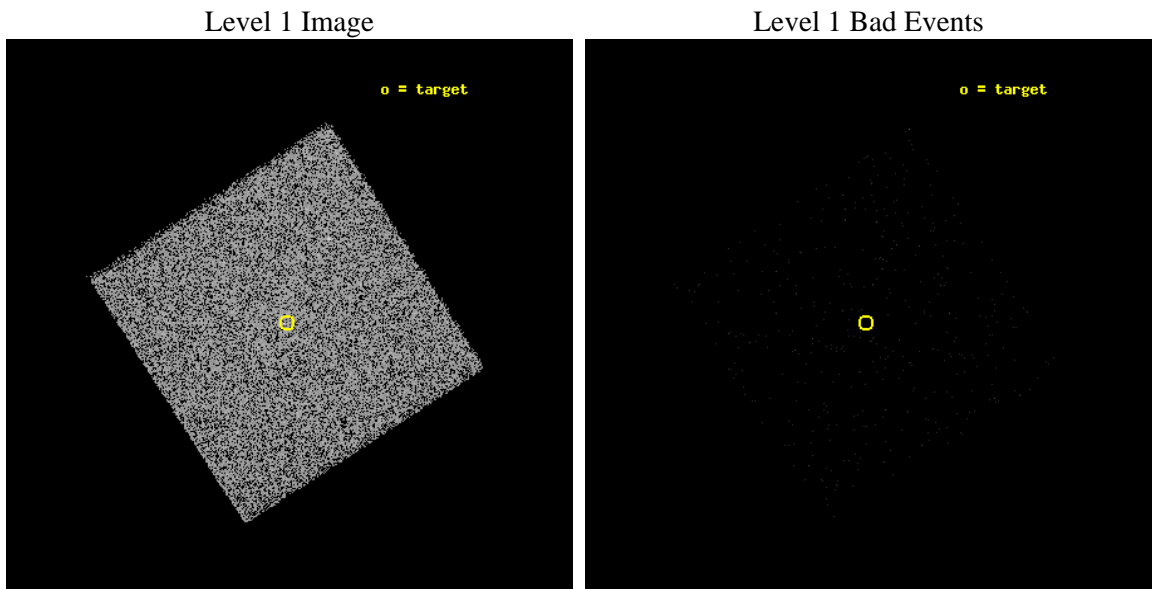
seq_num	600025	Sequence number
obs_id	265	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 1	Source name
ra_targ	10.67	Observer's specified target RA [deg]
dec_targ	40.865	Observer's specified target Dec [deg]
ra_nom	10.664017893771	Nominal RA [deg]
dec_nom	40.864969129995	Nominal Dec [deg]
roll_nom	192.27817333742	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1196.4312951863	[s]
livetime	1189.5021582937	Ontime multiplied by DTCOR
l2events	41728	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	1196.4312951863	[s]
caldbver	4.5.1.1	 	l1events	77516	Number of level 1 events
date	2012-09-02T09:33:08	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

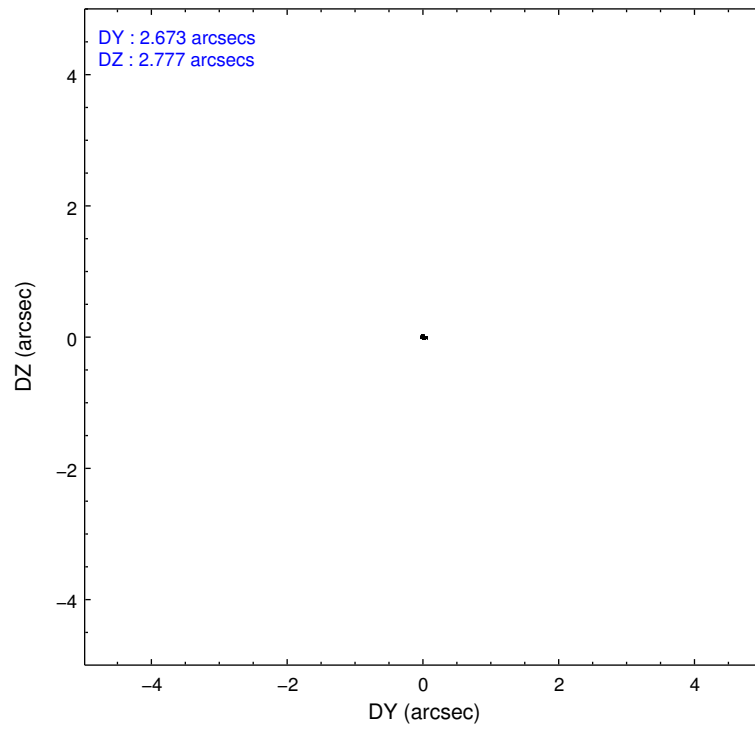
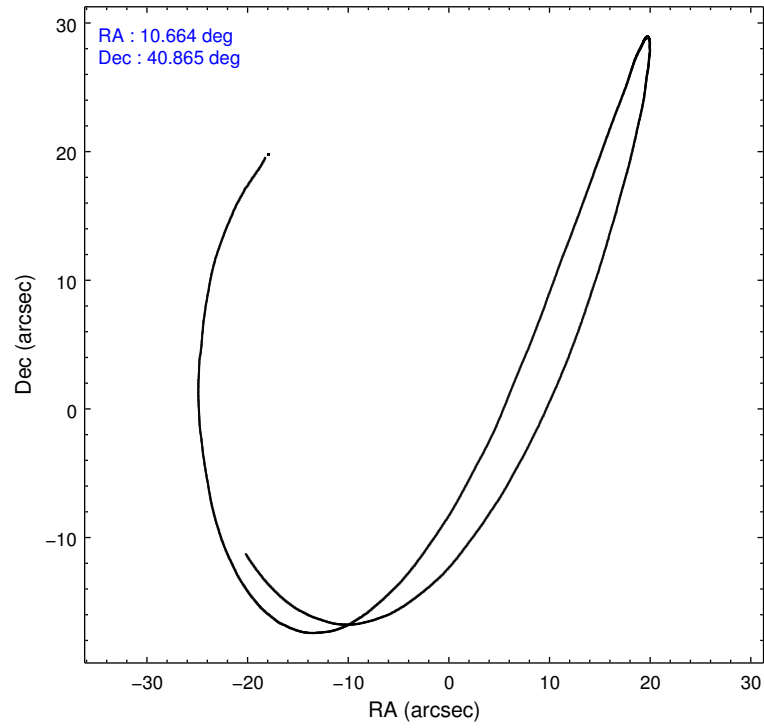
	segment 0
level 1 events	77516
rejected events	16577
rejected %	21%

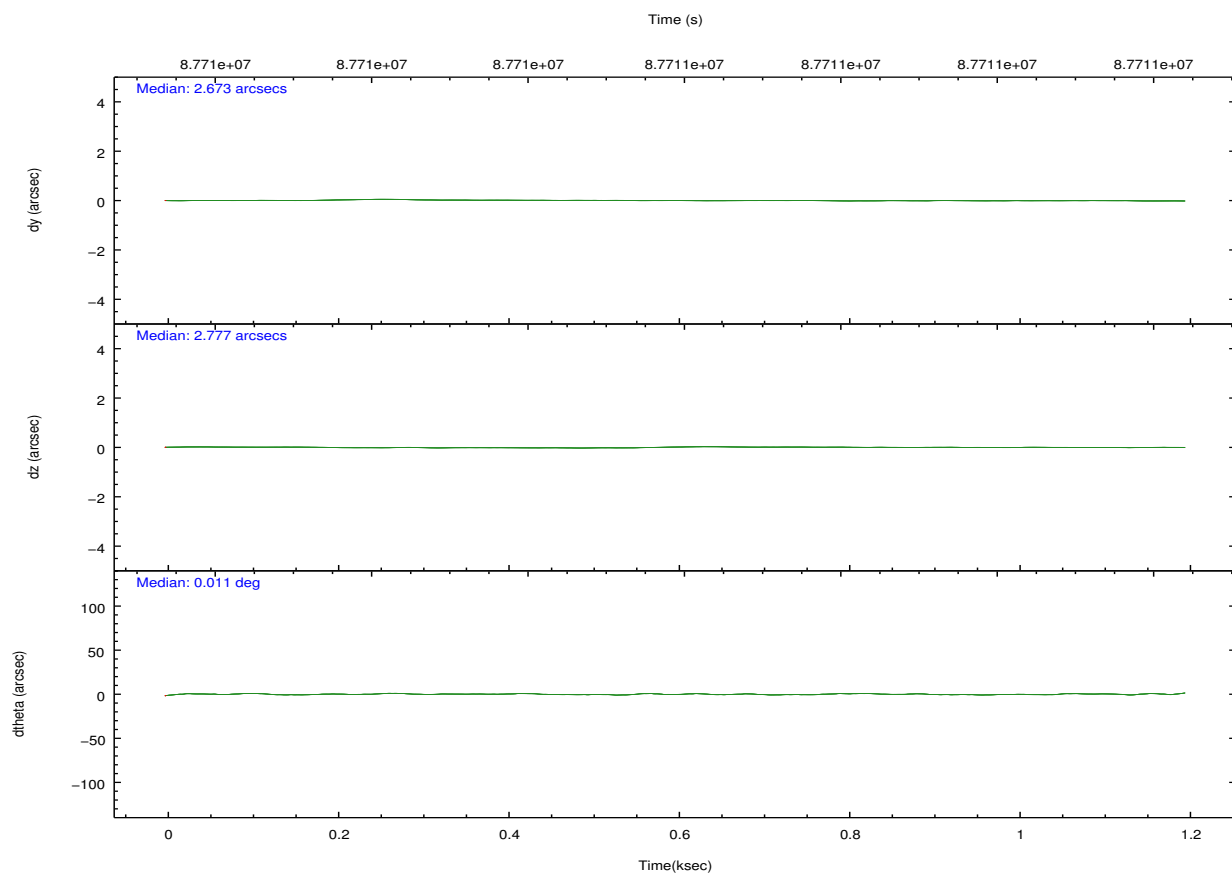
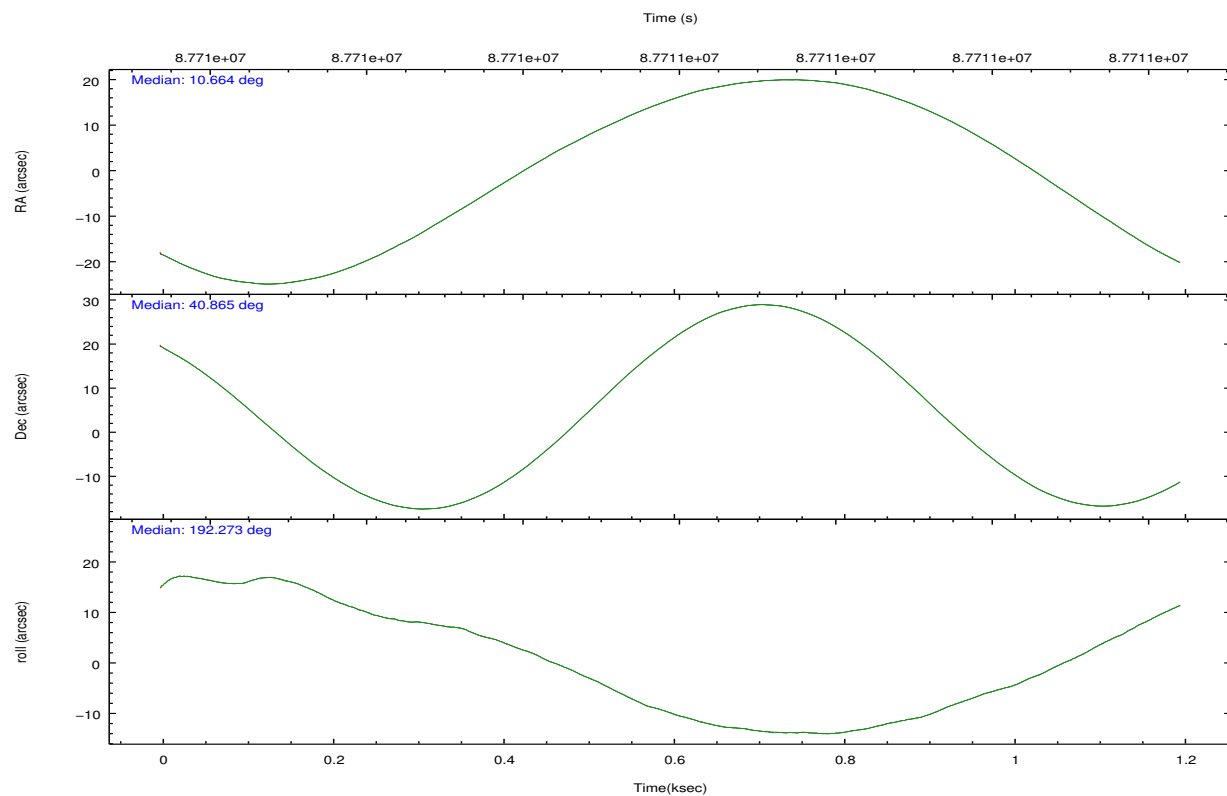
2.2 Compared Parameters

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	10.690542	10.66401789377053
[deg] Pointing Dec	40.884449	40.86496912999472
[deg] Pointing Roll	192.356262	192.2781733374166
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	87710186.184000	87709809.58546799
Observation start date	2000-10-12T03:55:22	2000-10-12T03:50:09
[s] Observation end time (MET)	87711186.184000	87711319.41052499
Observation end date	2000-10-12T04:12:02	2000-10-12T04:15:19

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

2.3 Aspect



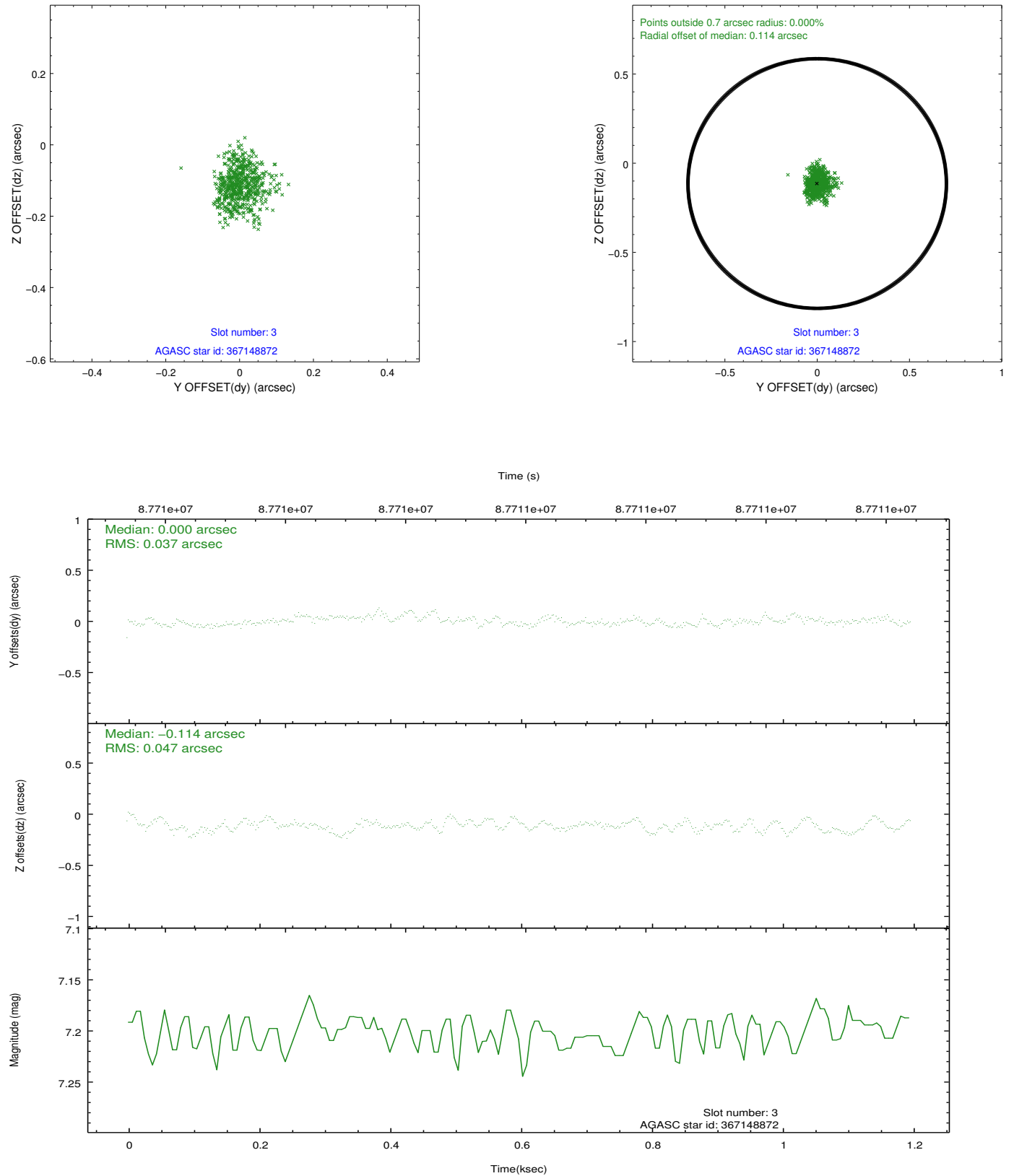


Slot Statistics

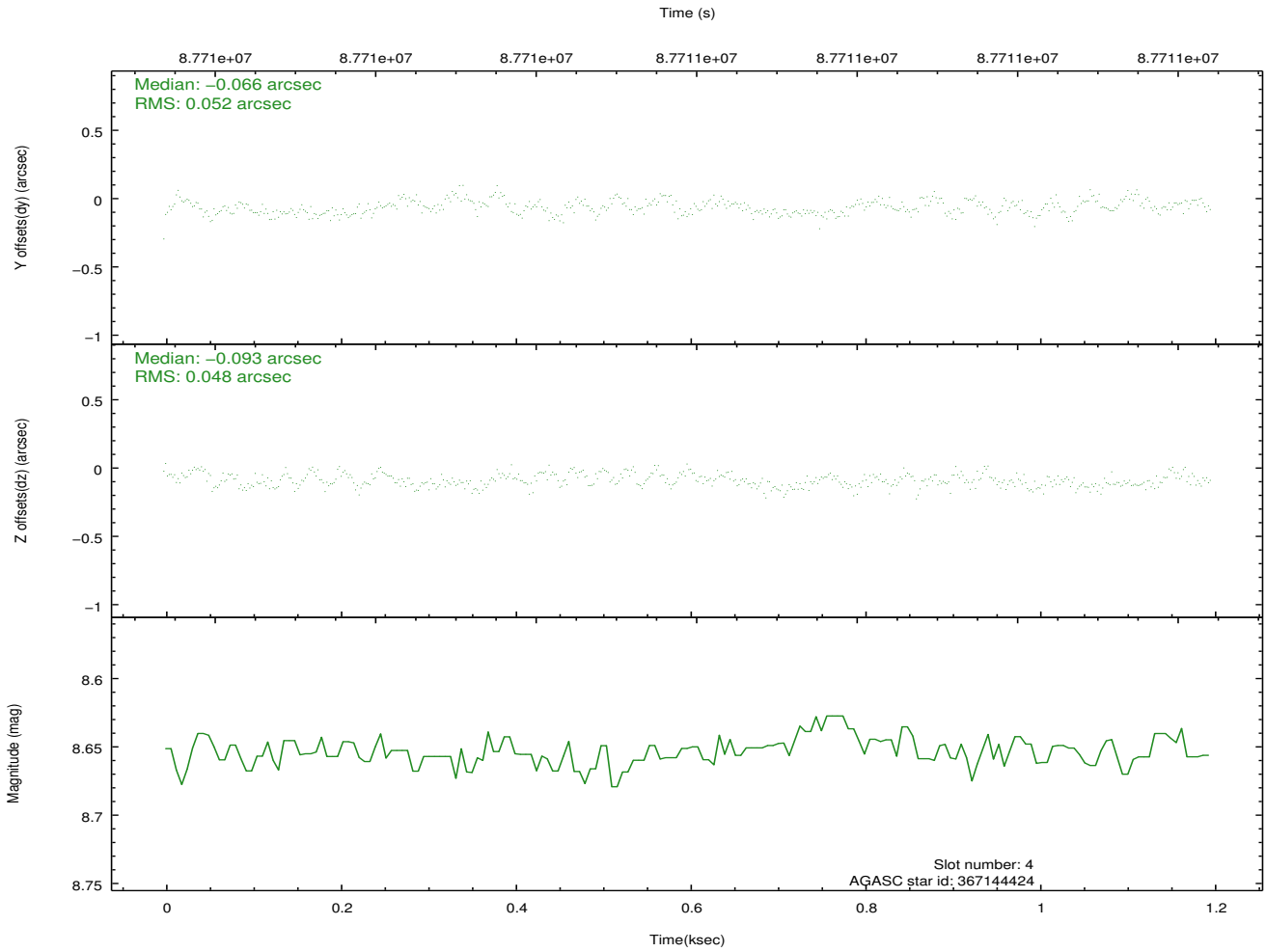
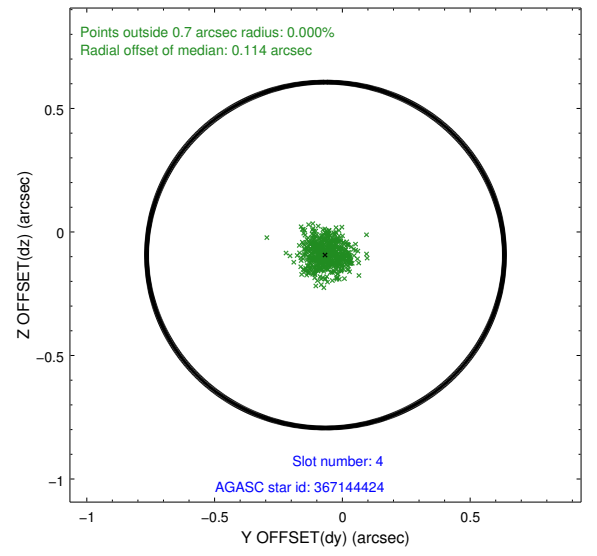
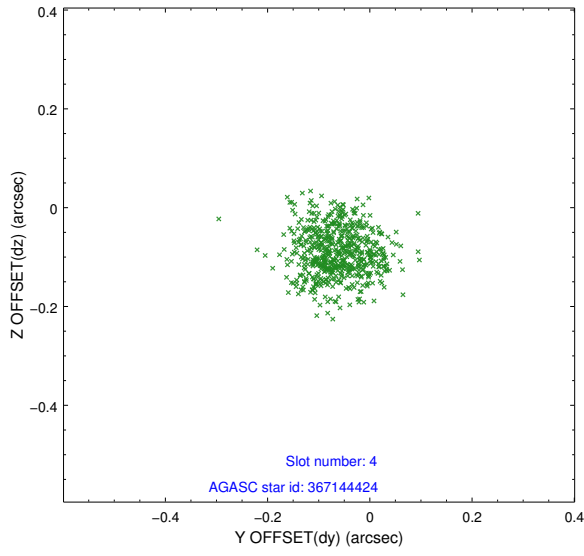
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	293	0.070	-0.002	0.006	0.010	0.000000	0.000000	-758.12	-1290.48
1	FID	HRC-I-3	7.07	293	-0.002	-0.022	0.007	0.011	0.000000	0.000000	-1189.19	1009.68
2	FID	HRC-I-4	7.01	293	0.046	-0.065	0.005	0.010	0.000000	0.000000	1280.67	1015.00
3	GUIDE	367148872	7.20	585	0.000	-0.114	0.065	0.102	10.505940	40.688258	641.12	579.78
4	GUIDE	367144424	8.66	585	-0.066	-0.093	0.077	0.116	10.464515	40.309136	1047.93	1888.81
5	GUIDE	367674552	8.85	585	0.026	0.134	0.092	0.149	11.016238	41.570845	-1386.19	-2226.25
6	GUIDE	367657896	9.02	585	0.090	0.028	0.067	0.108	11.197765	41.313576	-1675.51	-1225.21
7	GUIDE	367145856	9.29	580	-0.055	0.039	0.118	0.207	10.744946	40.402085	220.71	1724.38

2.4 Star Slots

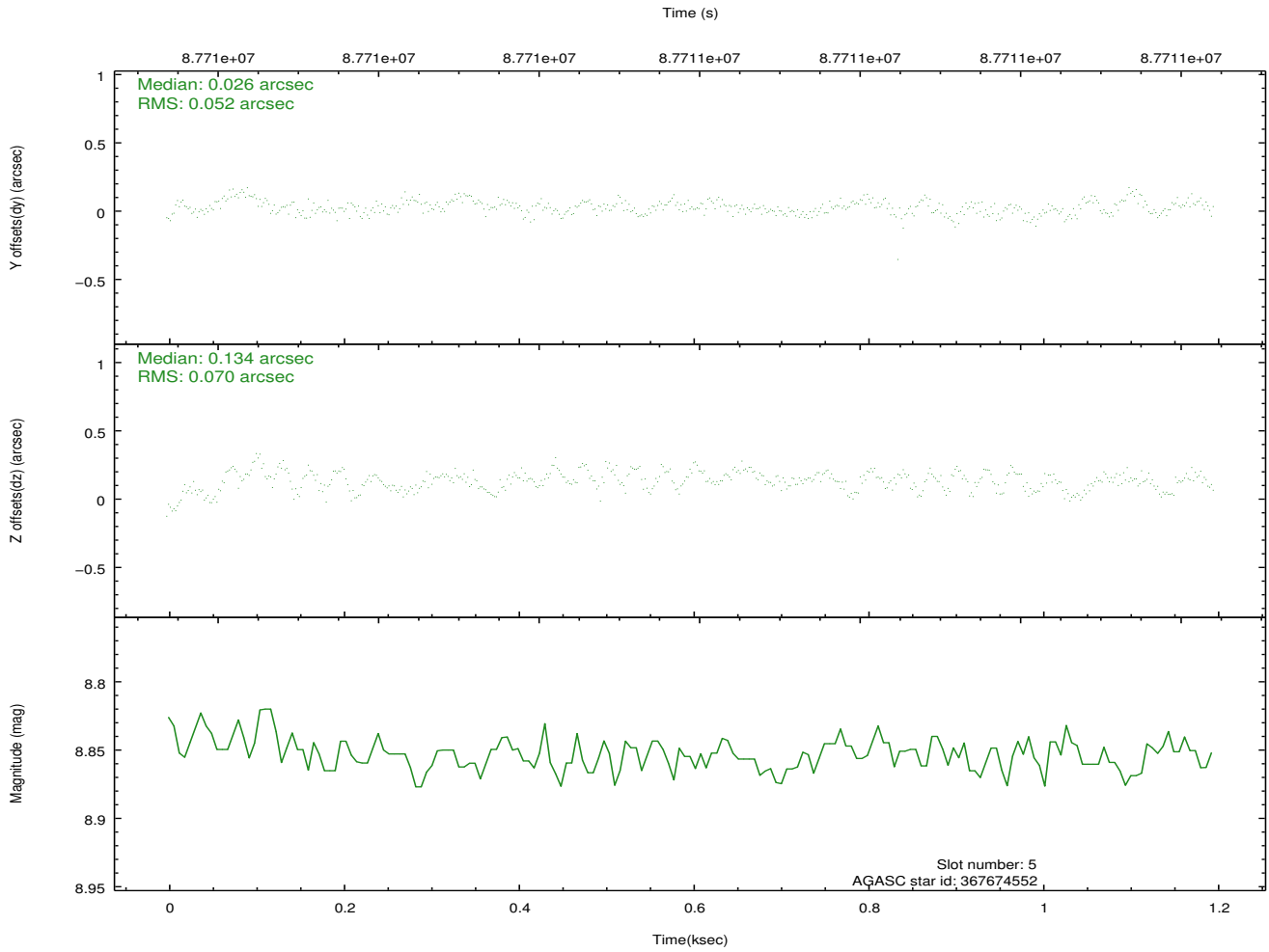
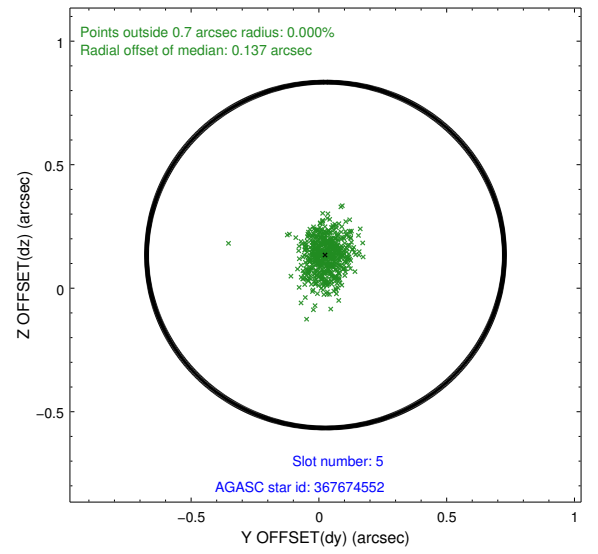
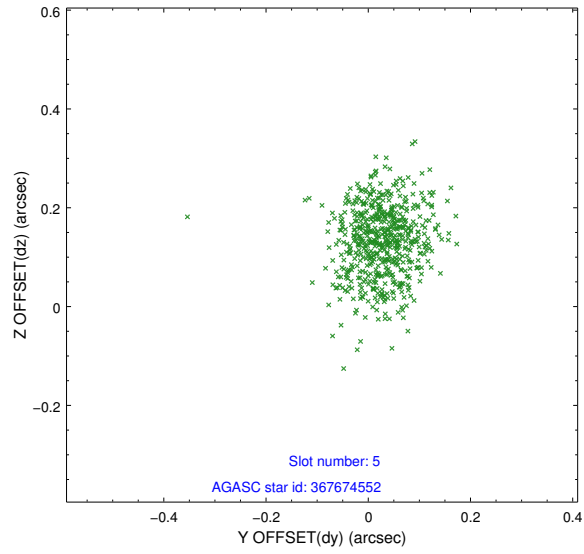
2.4.1 Slot 3



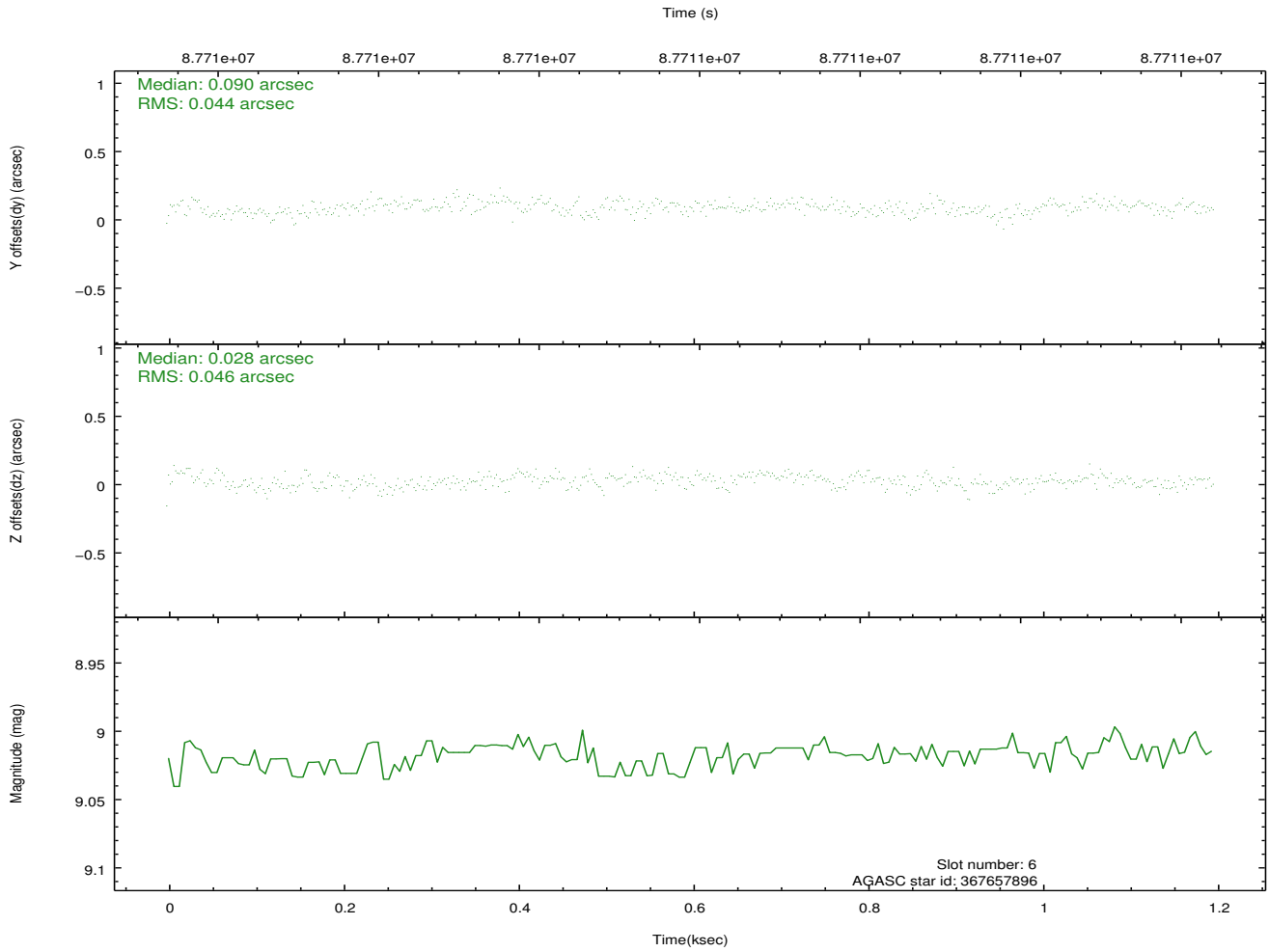
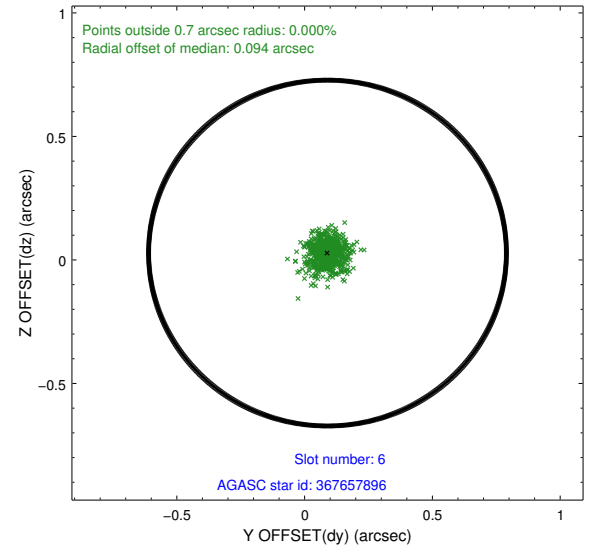
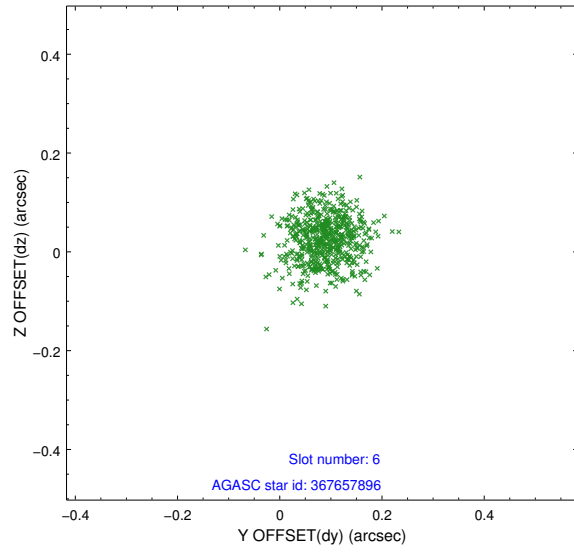
2.4.2 Slot 4



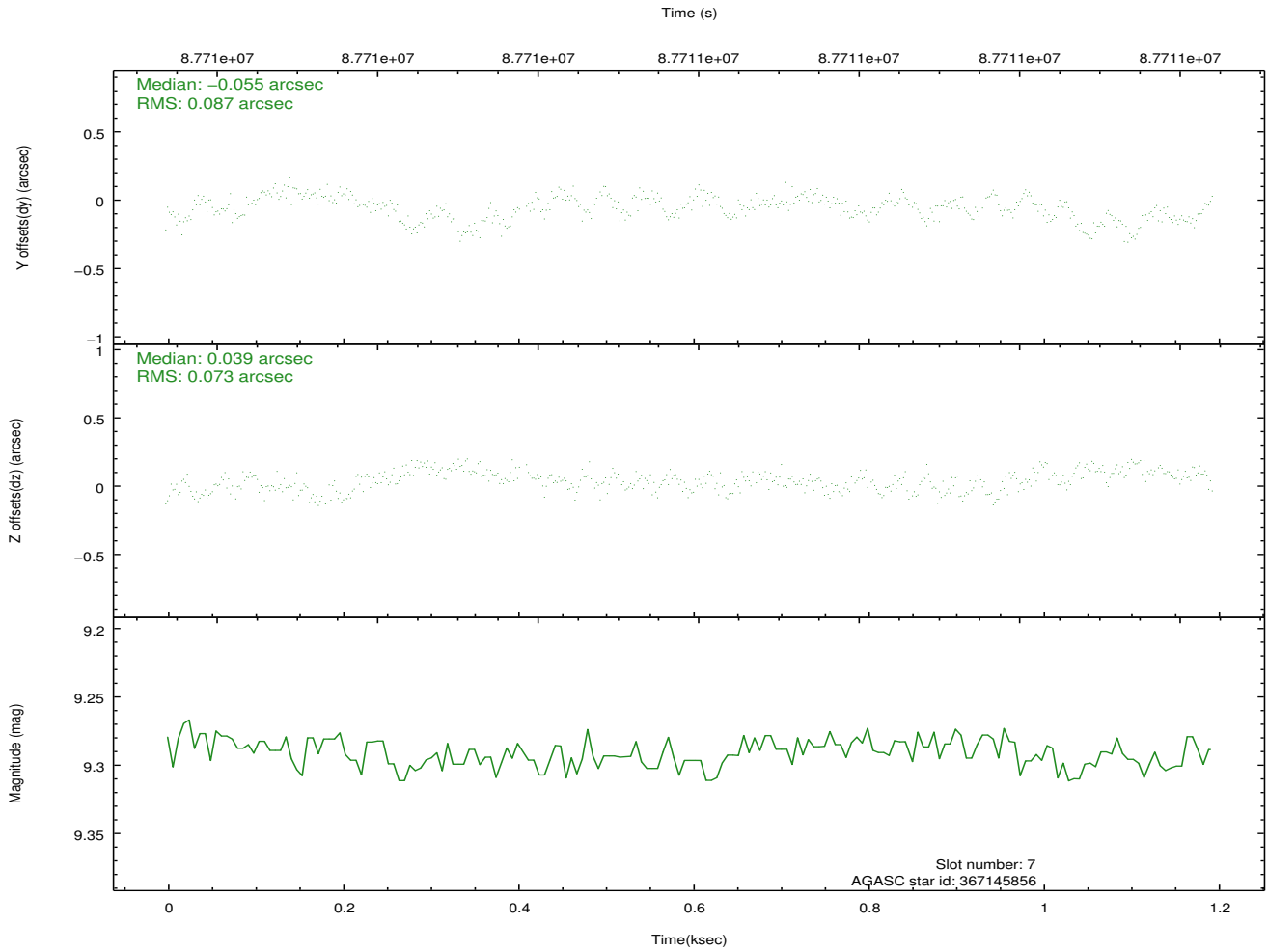
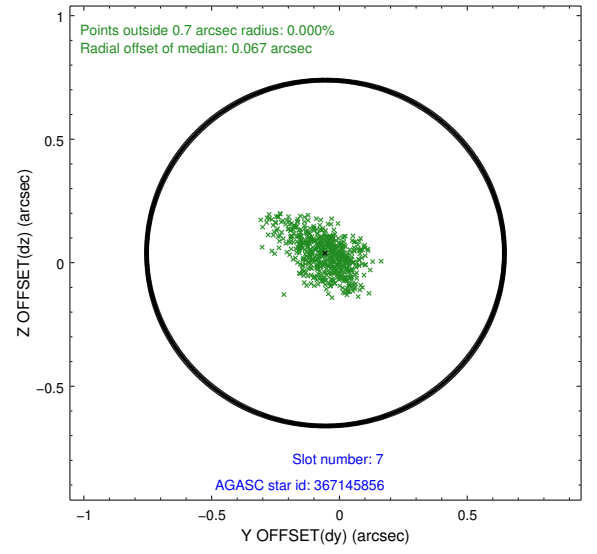
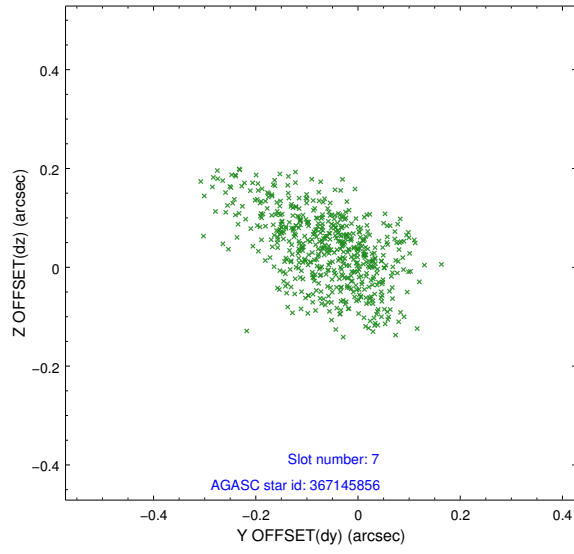
2.4.3 Slot 5



2.4.4 Slot 6

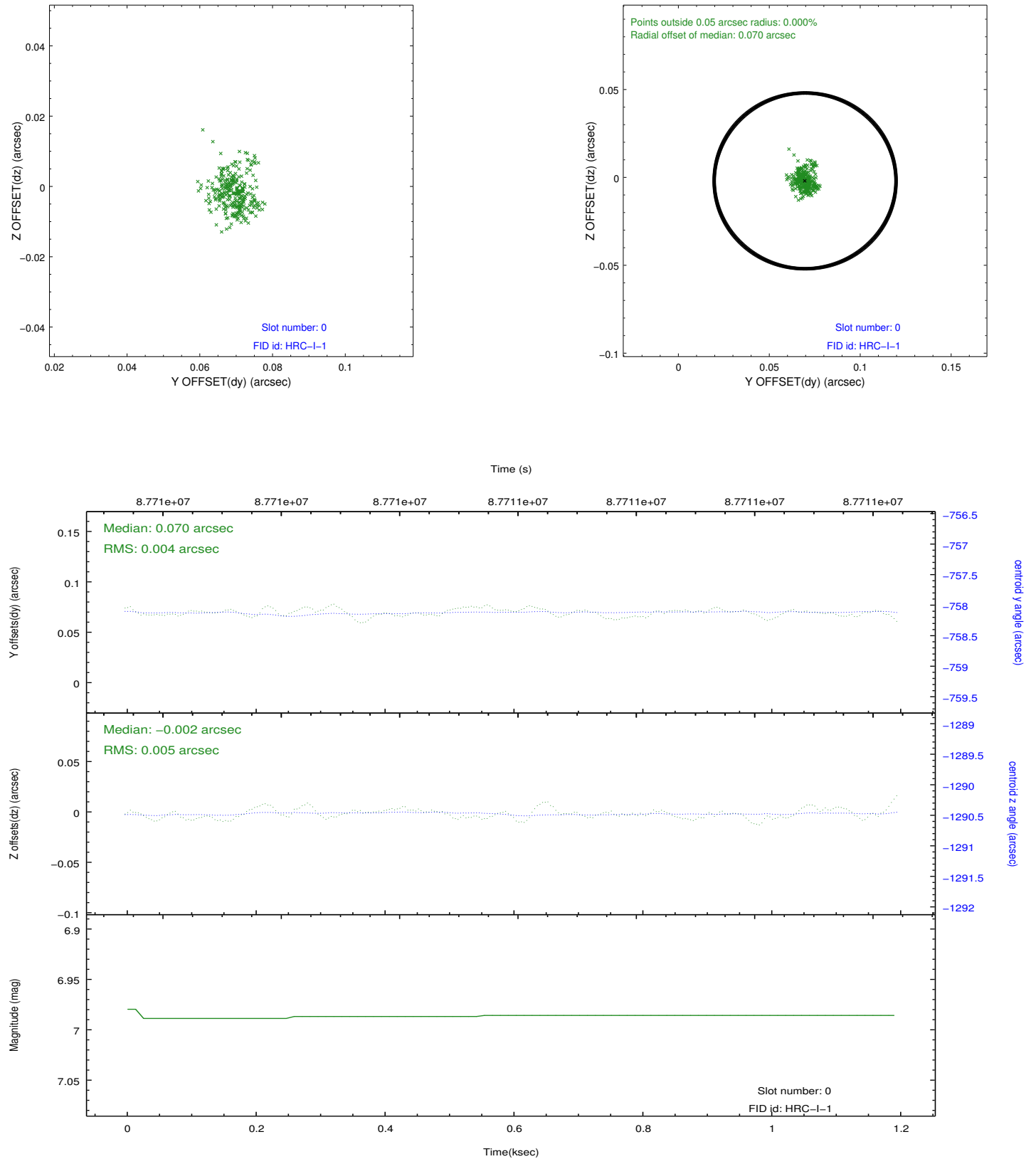


2.4.5 Slot 7

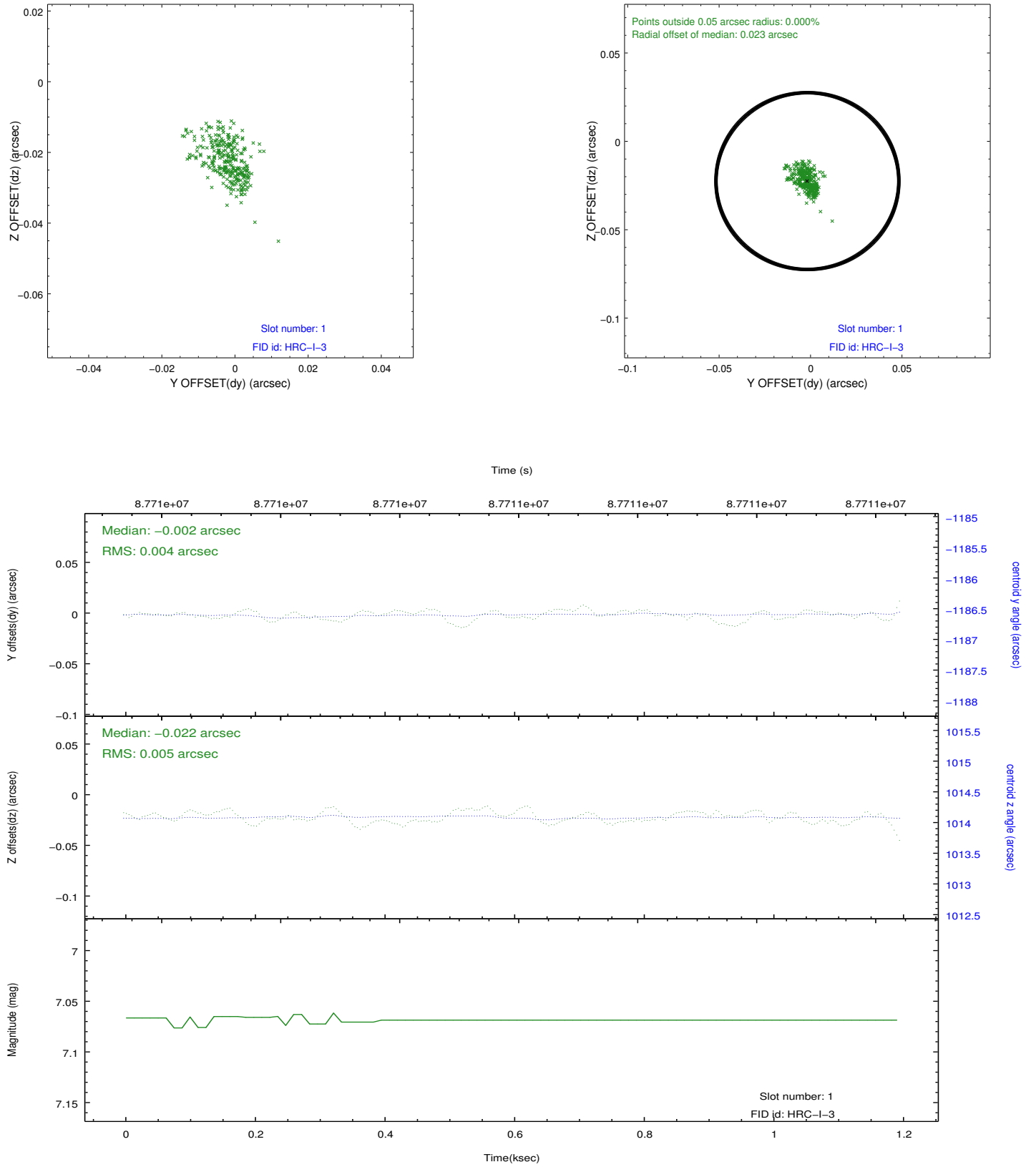


2.5 FID Slots

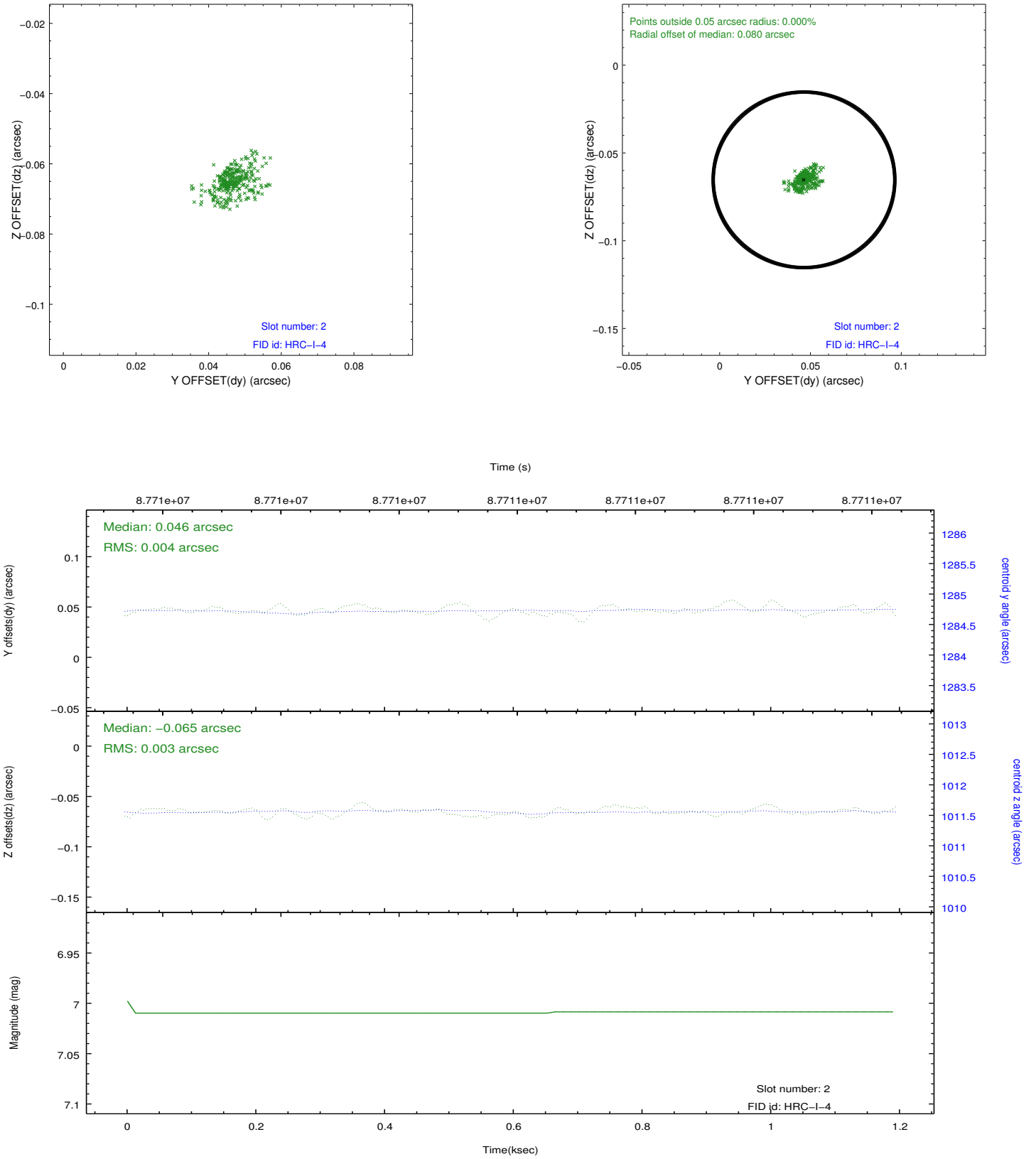
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

A.2 Comments