

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3813 - L2 Version 4
Chandra X-Ray Center

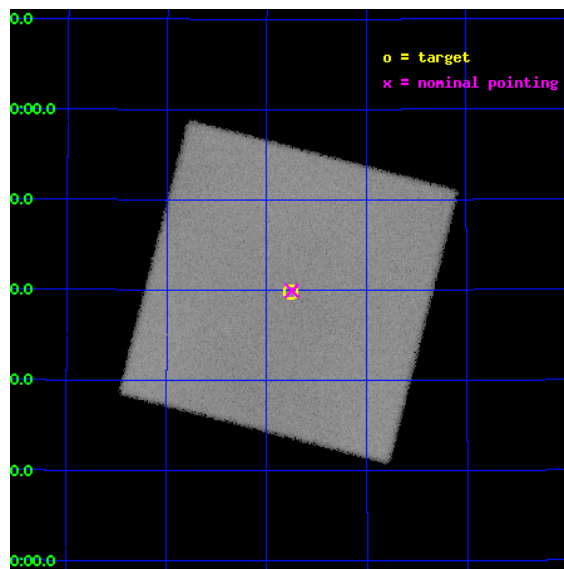
L2 Processing Date : Nov 3 2012

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

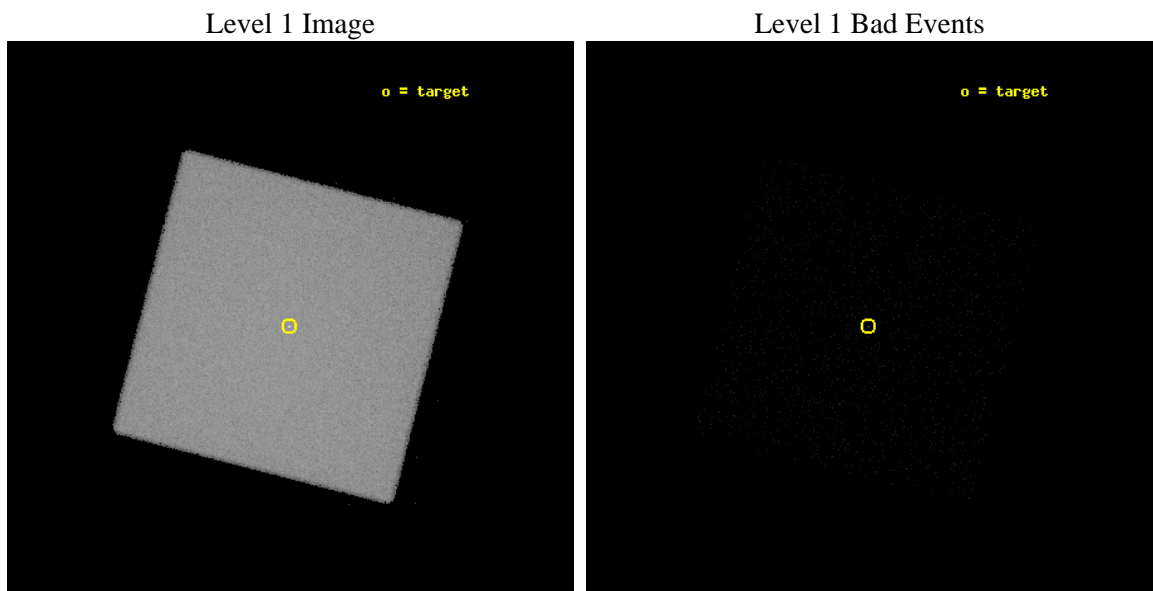
seq_num	400300	Sequence number
obs_id	3813	Observation id
title	PURSUING HINTS OF MULTIPLICITY IN M31 GLOBULAR CLUSTER BO 375	Prop
observer	Prof. Albert Kong	Principal investigator
object	BO 375	Source name
ra_targ	11.44	Observer's specified target RA [deg]
dec_targ	41.662556	Observer's specified target Dec [deg]
ra_nom	11.436838143476	Nominal RA [deg]
dec_nom	41.665481637389	Nominal Dec [deg]
roll_nom	149.40921881187	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4815.4502063394	[s]
liveltime	3448.9337551882	Ontime multiplied by DTCOR
l2events	657052	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	4944.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4815.4502063394	[s]
caldbver	4.5.2	 	l1events	881601	Number of level 1 events
date	2012-11-03T19:15:12	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

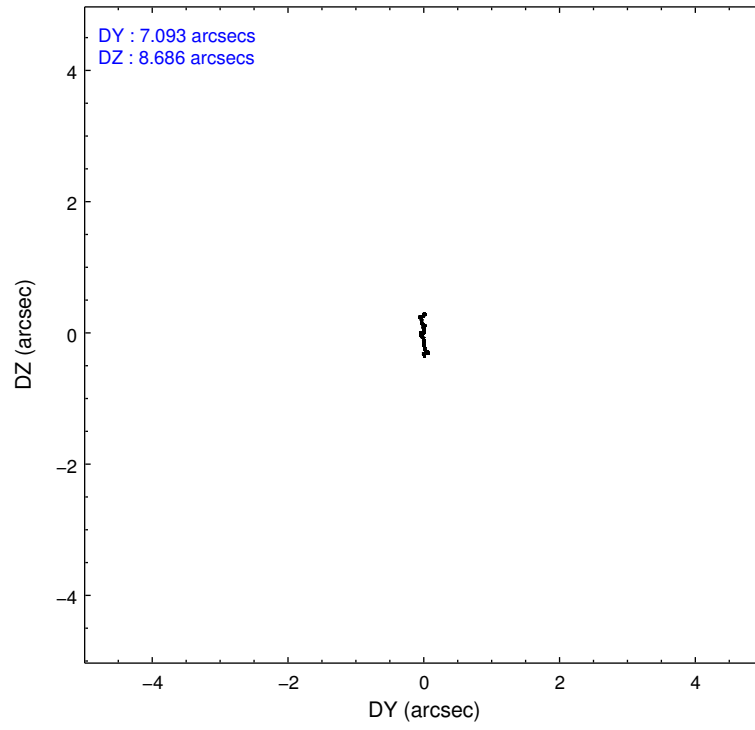
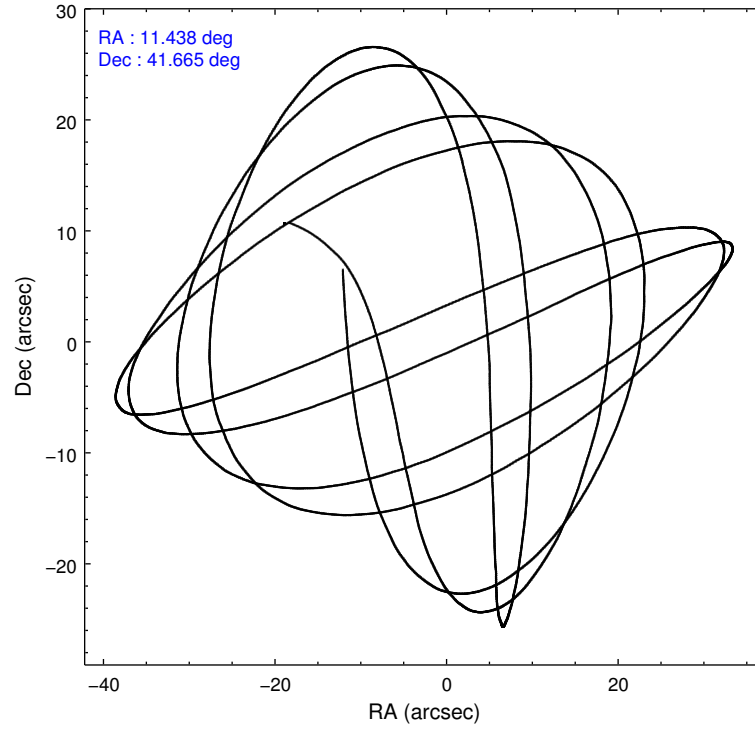
Level 1 Events

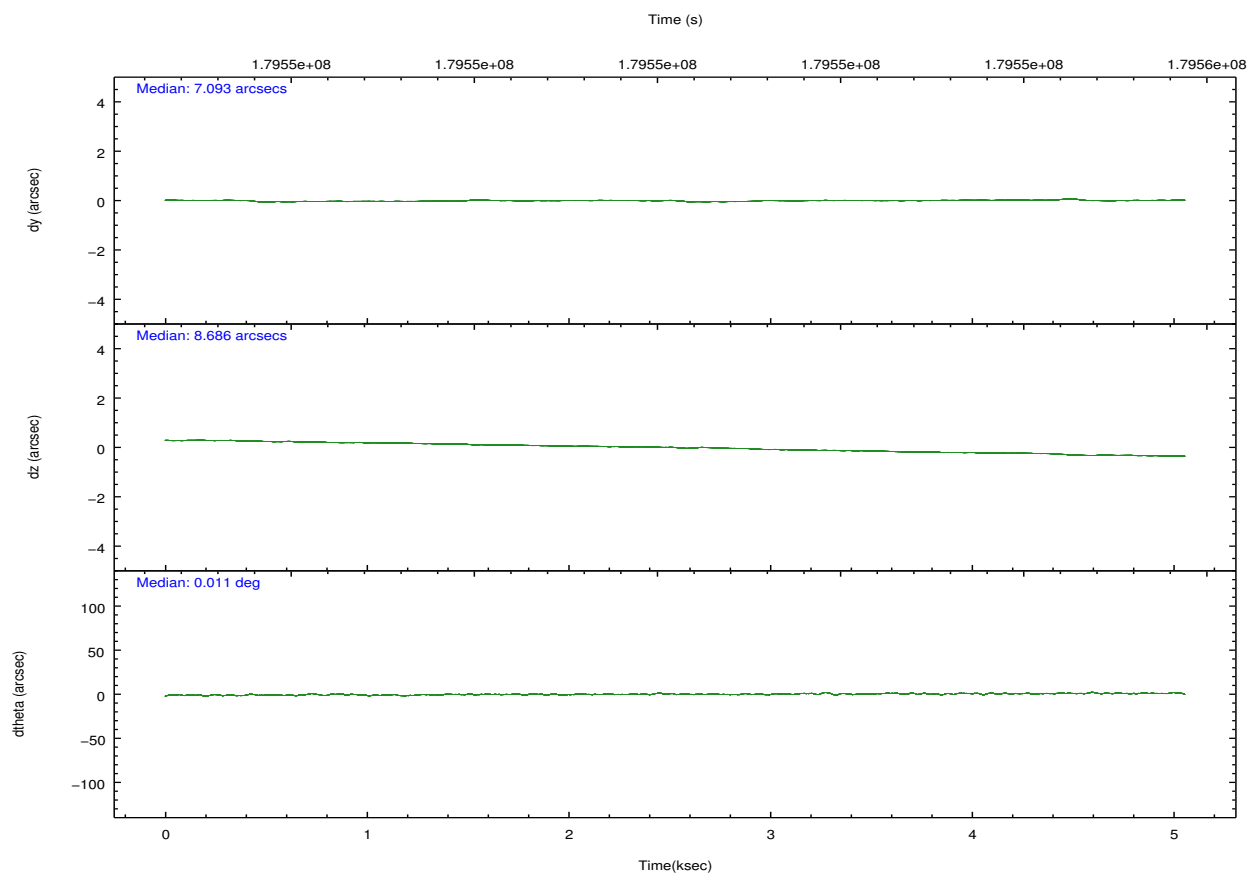
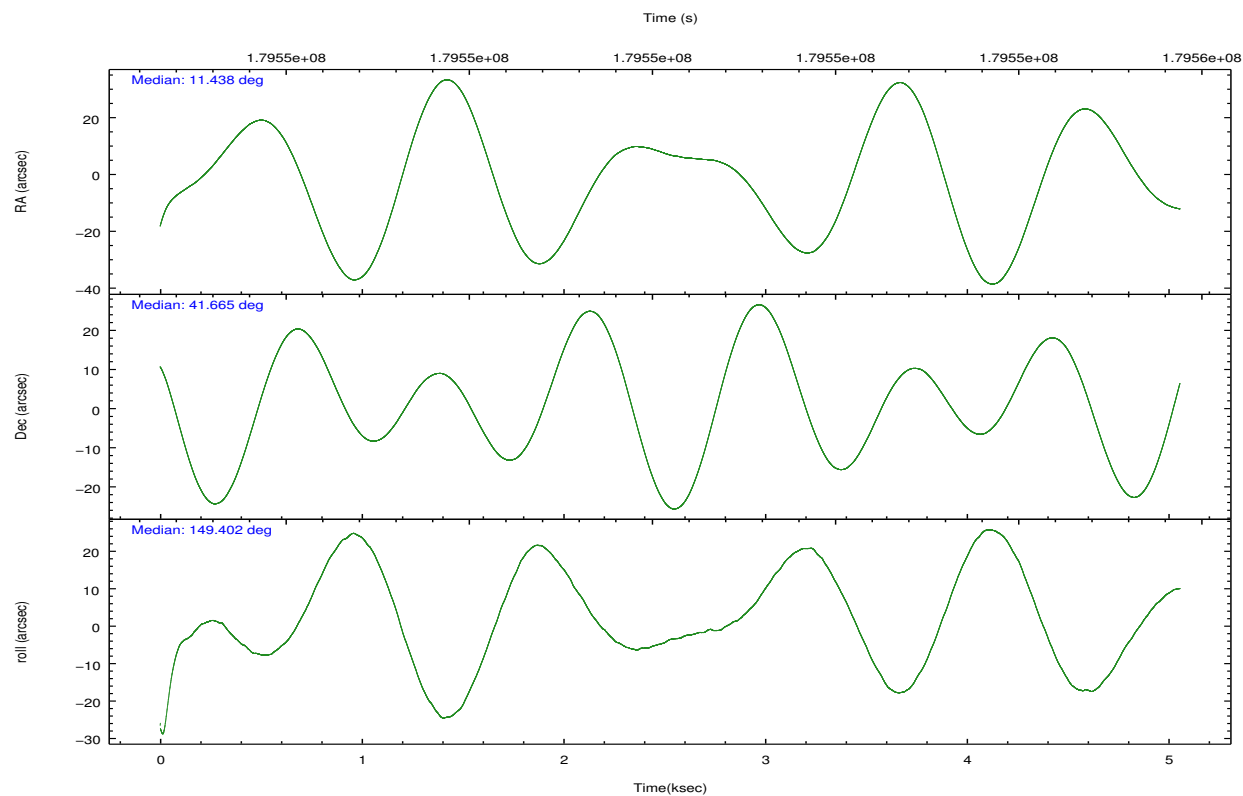
	segment 0
level 1 events	881601
rejected events	13281
rejected %	1%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	11.472948	11.43683814347588			
[deg] Pointing Dec	41.666241	41.66548163738889			
[deg] Pointing Roll	149.480781	149.4092188118694			
[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)	179549678.184000	179548686.82671			
Observation start date	2003-09-10T02:53:34	2003-09-10T02:38:06			
[s] Observation end time (MET)	179554622.184000	179555683.47701			
Observation end date	2003-09-10T04:15:58	2003-09-10T04:34:43			

2.3 Aspect



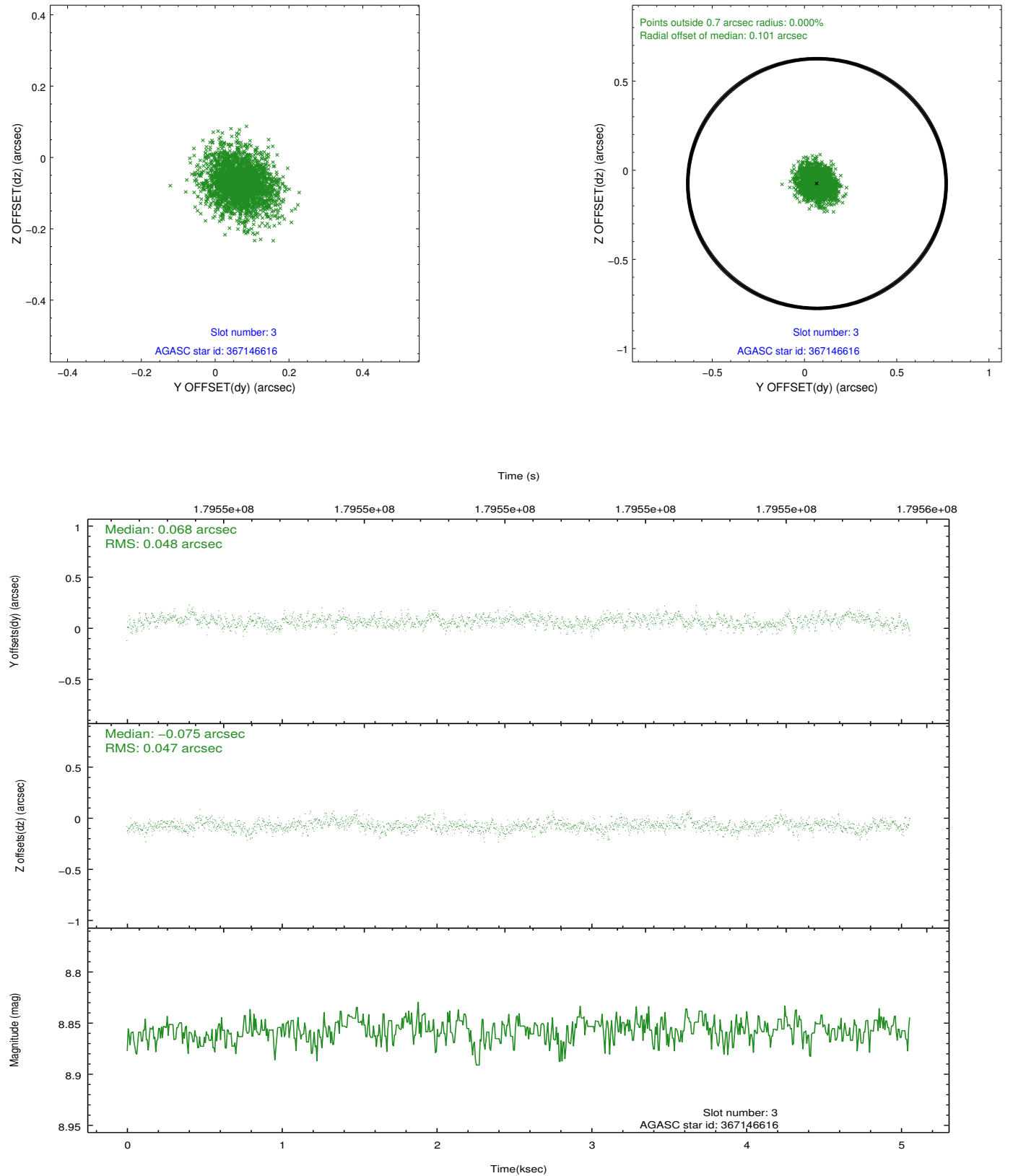


Slot Statistics

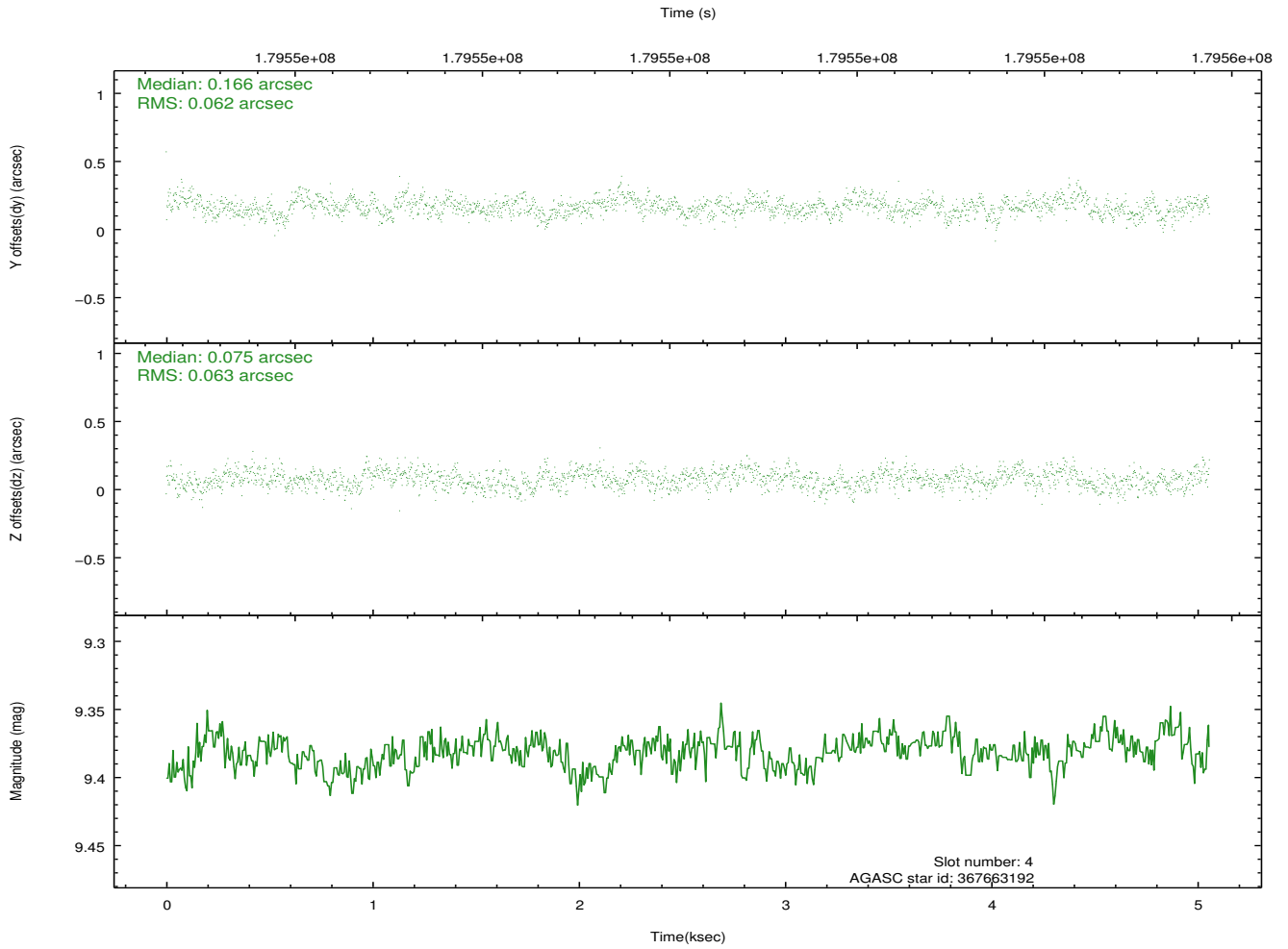
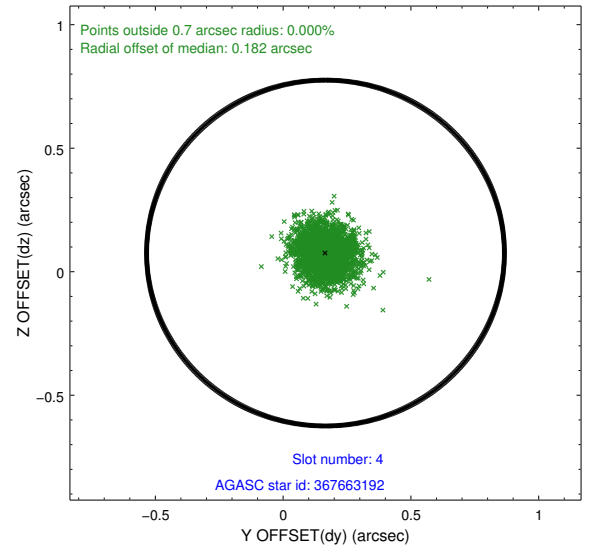
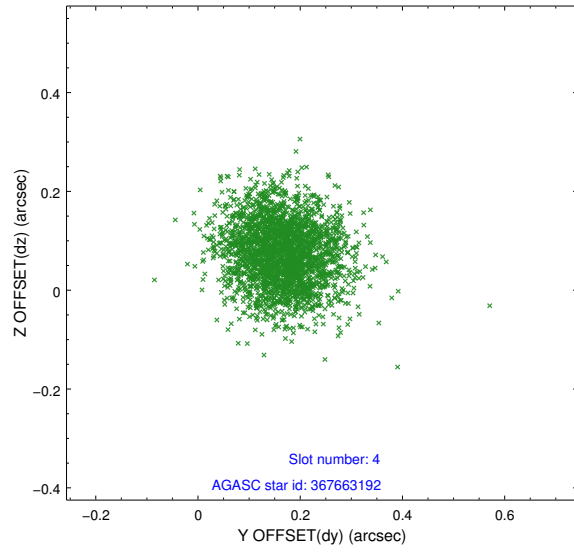
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	1234	0.036	0.002	0.009	0.015	0.000000	0.000000	-762.70	-1296.52
1	FID	HRC-I-3	7.11	1234	-0.052	-0.057	0.010	0.018	0.000000	0.000000	-1191.79	1006.95
2	FID	HRC-I-4	7.07	1234	0.131	-0.035	0.009	0.015	0.000000	0.000000	1279.33	1006.33
3	GUIDE	367146616	8.86	2463	0.068	-0.075	0.071	0.118	11.418645	41.190163	-742.29	1549.97
4	GUIDE	367663192	9.38	2467	0.166	0.075	0.094	0.150	12.302074	41.754093	-1750.71	-1412.97
5	GUIDE	367663272	9.30	2467	-0.100	-0.087	0.089	0.146	10.656279	41.699429	1957.67	1001.72
6	GUIDE	367674552	8.84	2468	-0.025	-0.051	0.073	0.115	11.016238	41.570845	888.94	917.17
7	GUIDE	367670520	9.27	2467	-0.106	0.135	0.091	0.145	11.265516	42.371946	1767.68	-1909.27

2.4 Star Slots

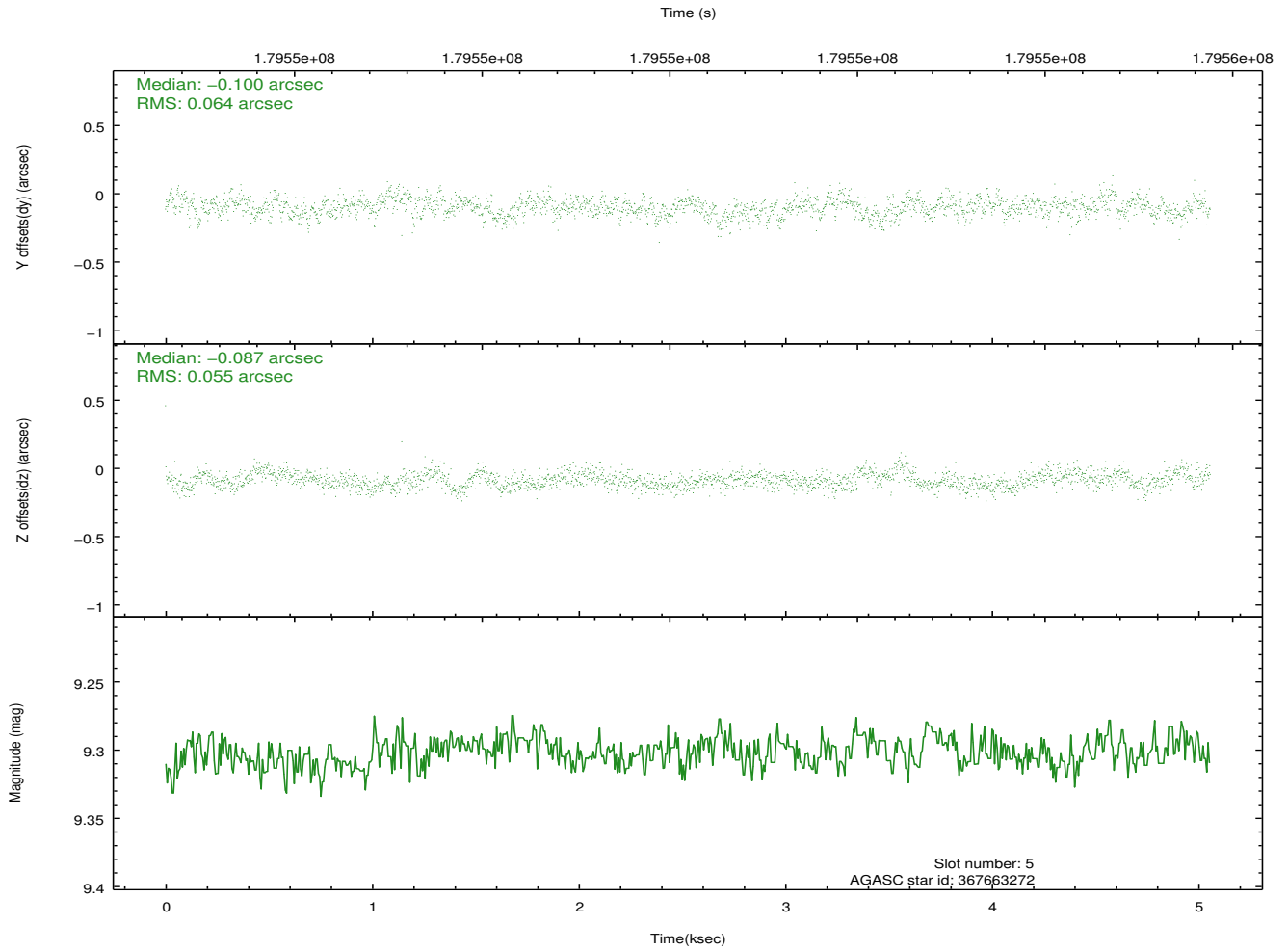
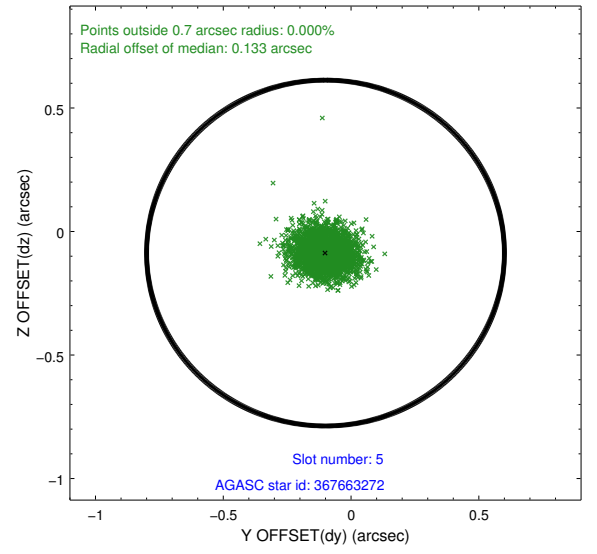
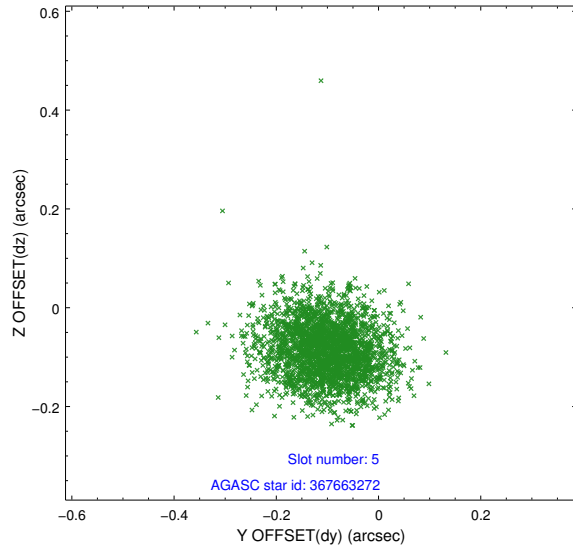
2.4.1 Slot 3



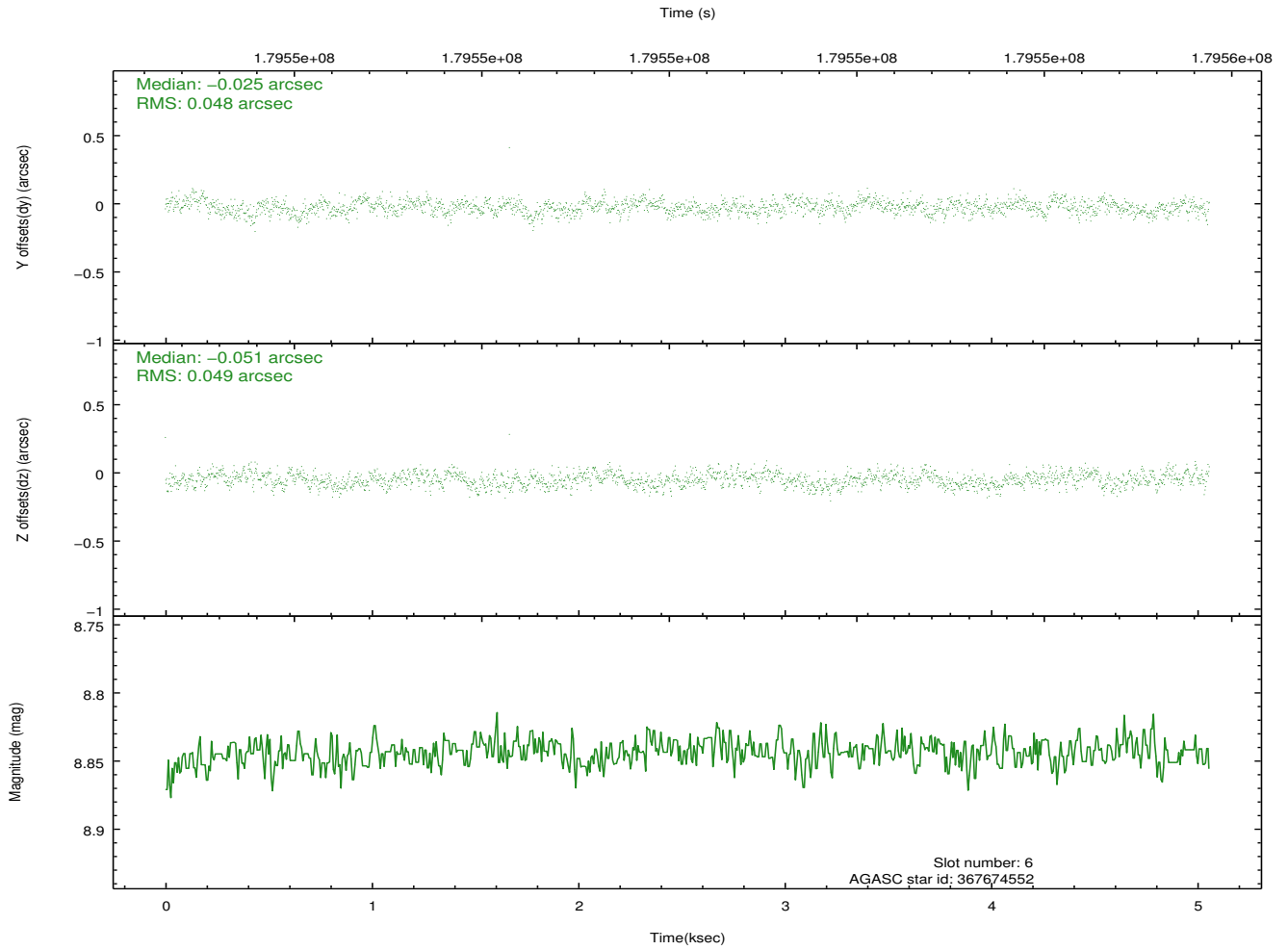
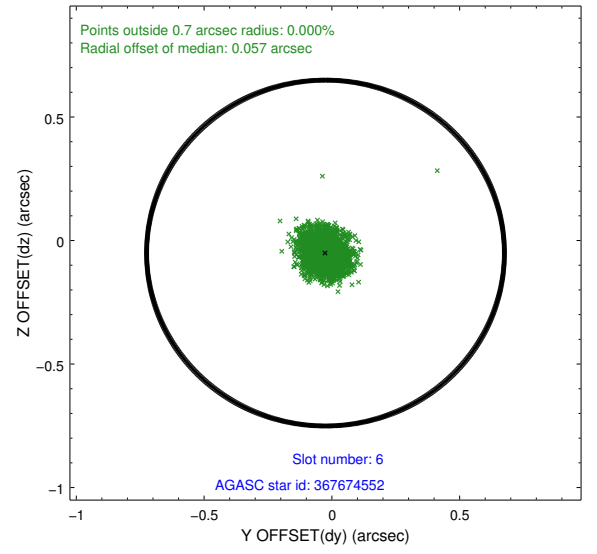
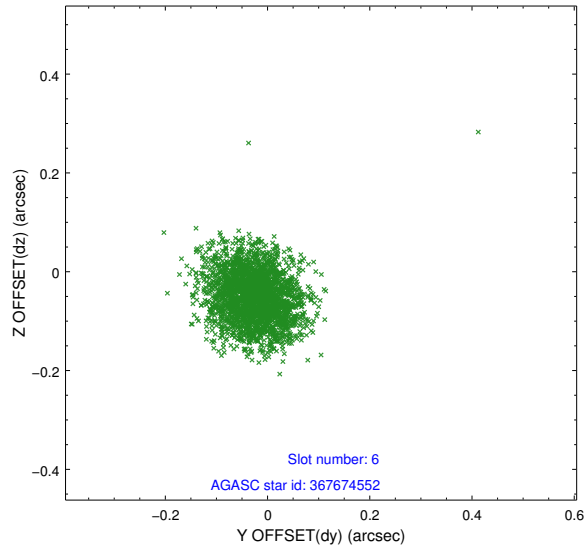
2.4.2 Slot 4



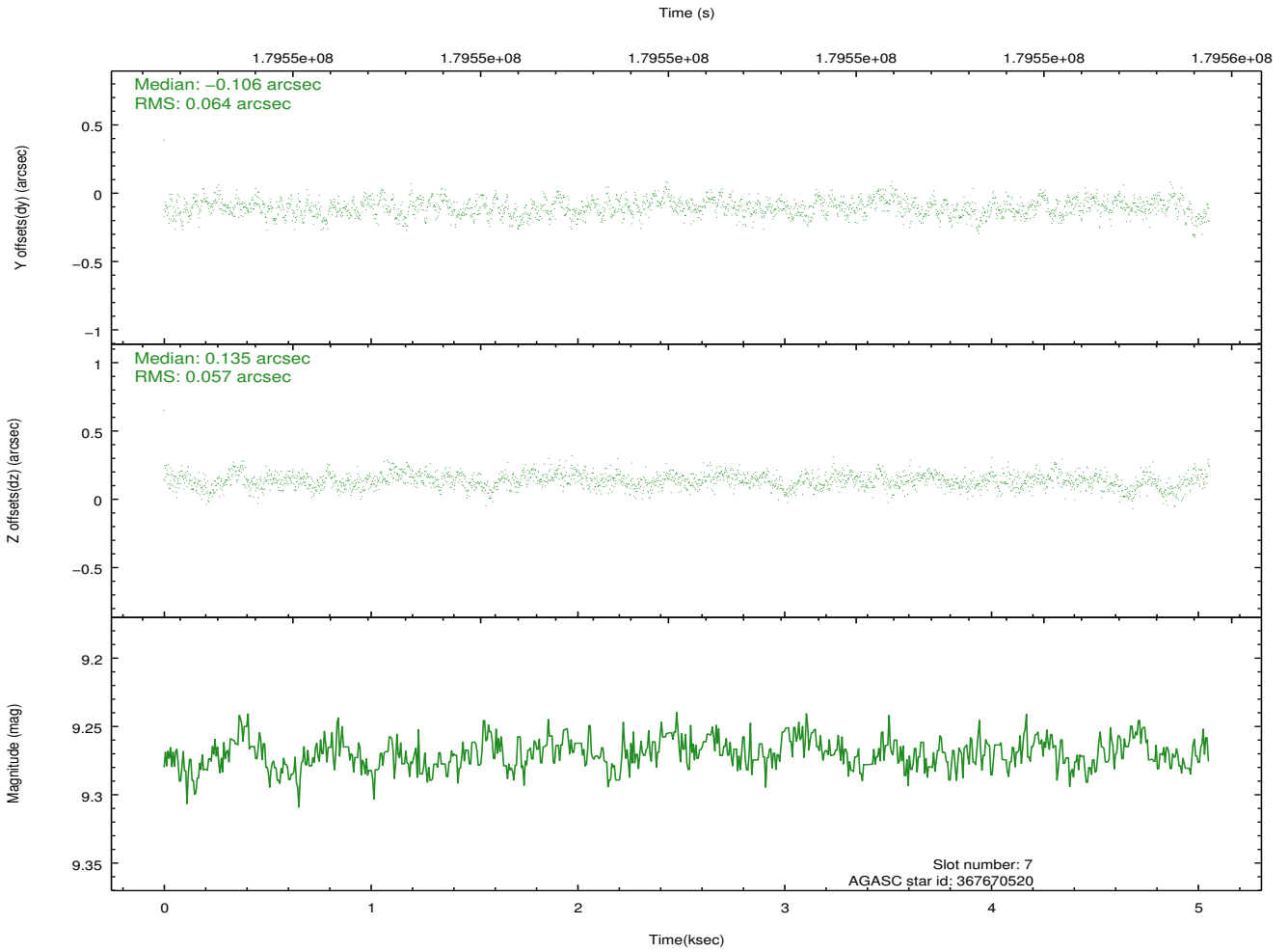
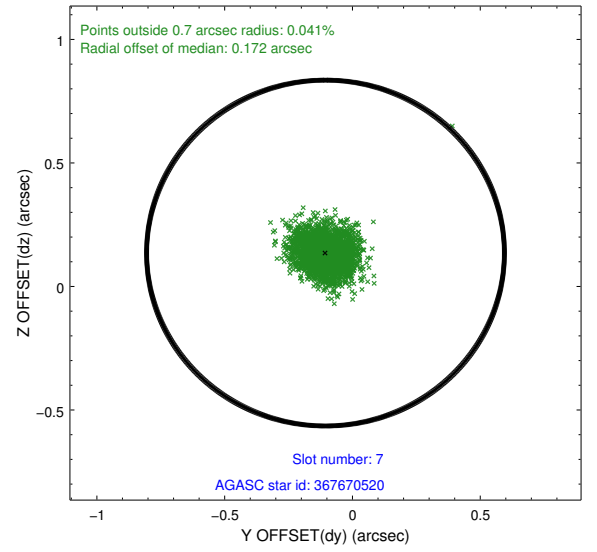
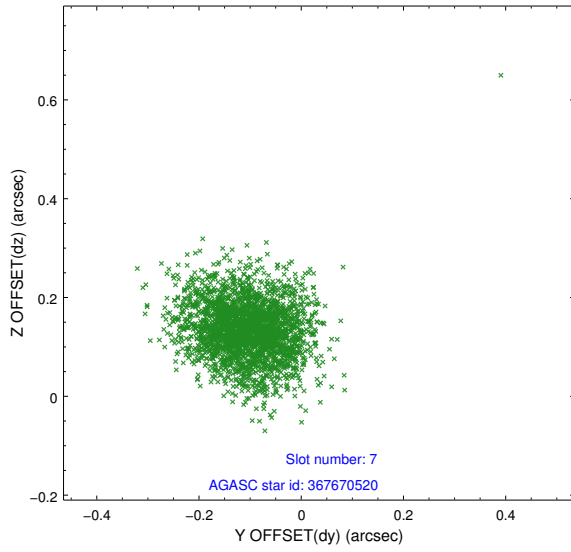
2.4.3 Slot 5



2.4.4 Slot 6

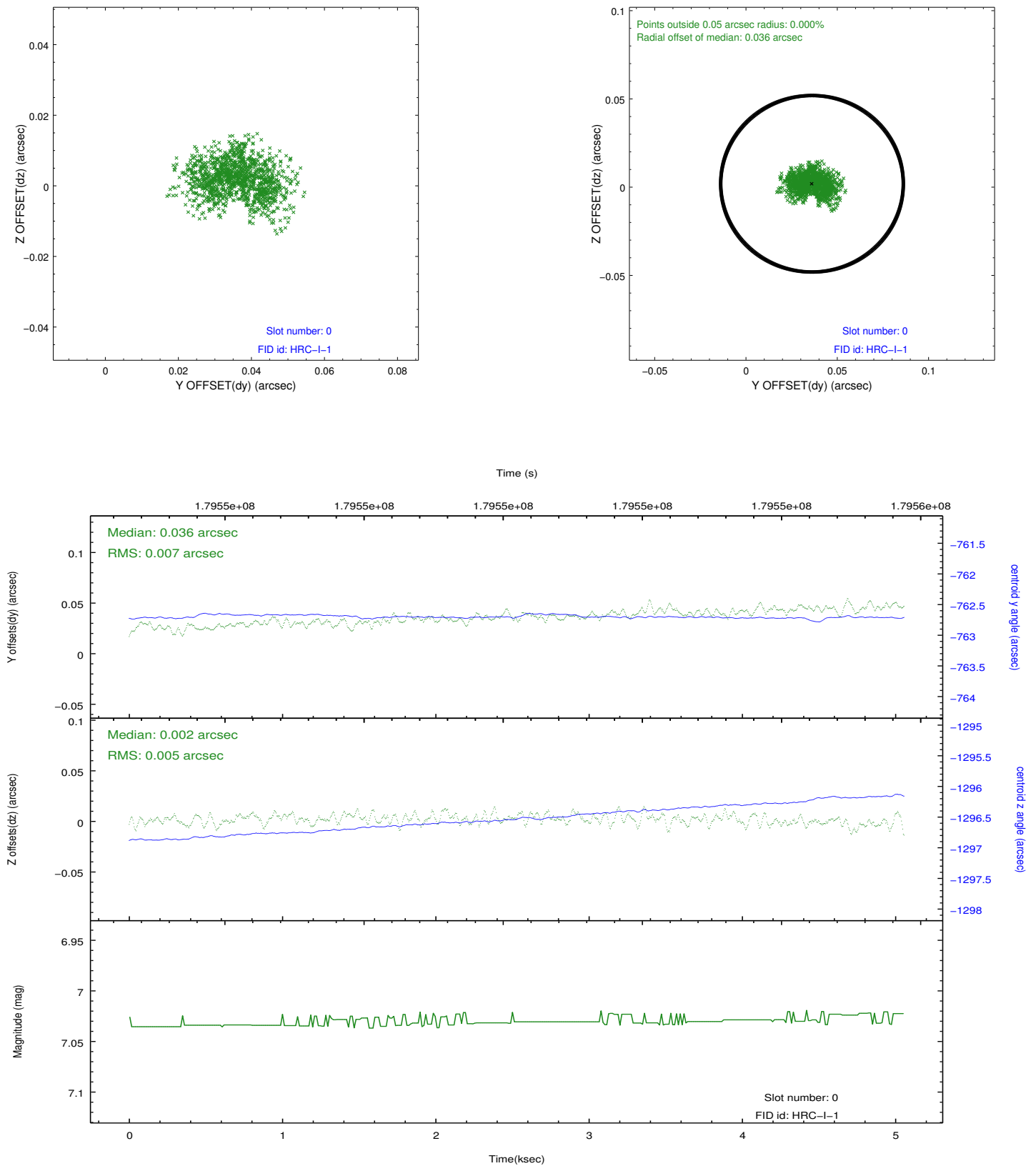


2.4.5 Slot 7

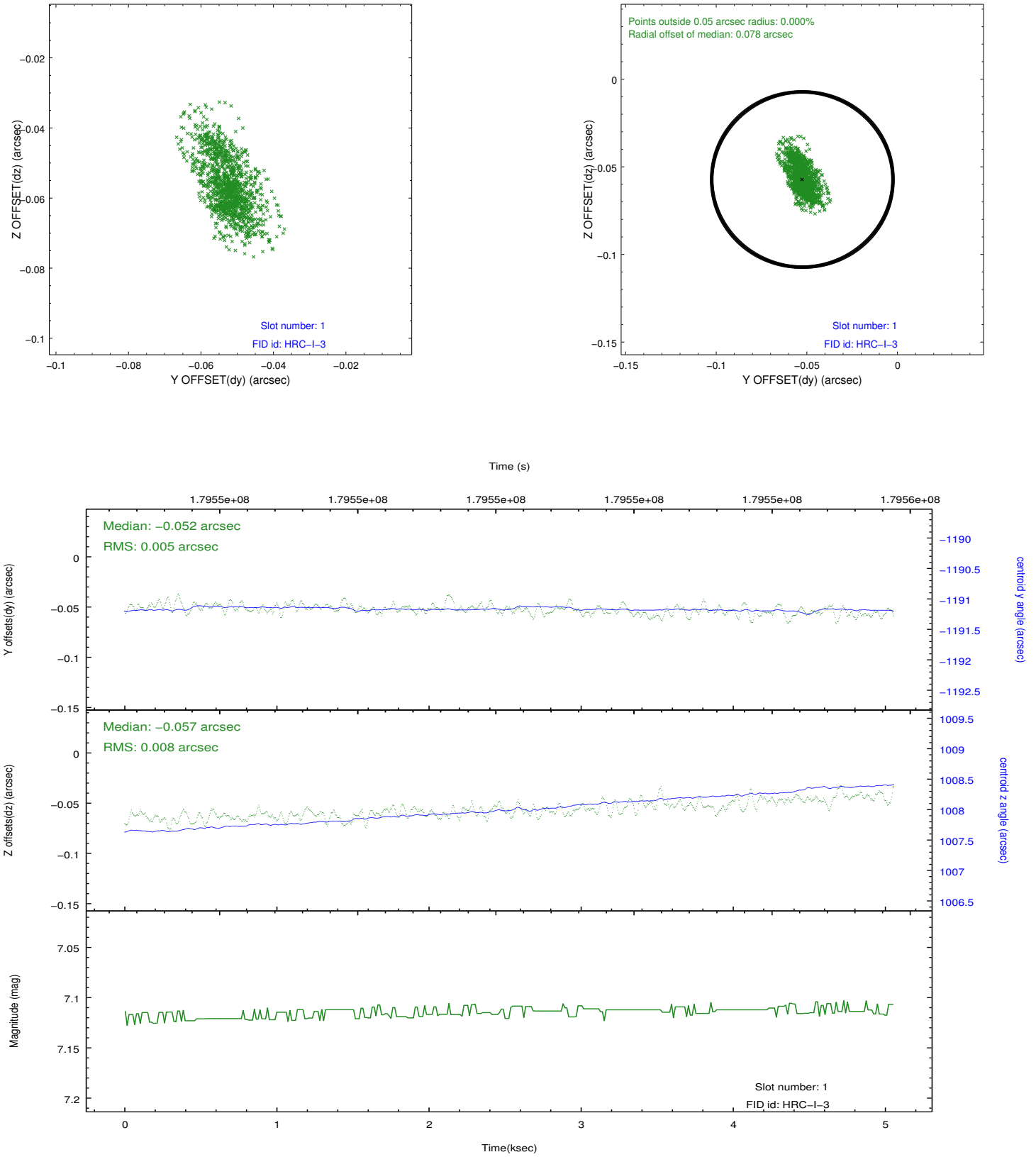


2.5 FID Slots

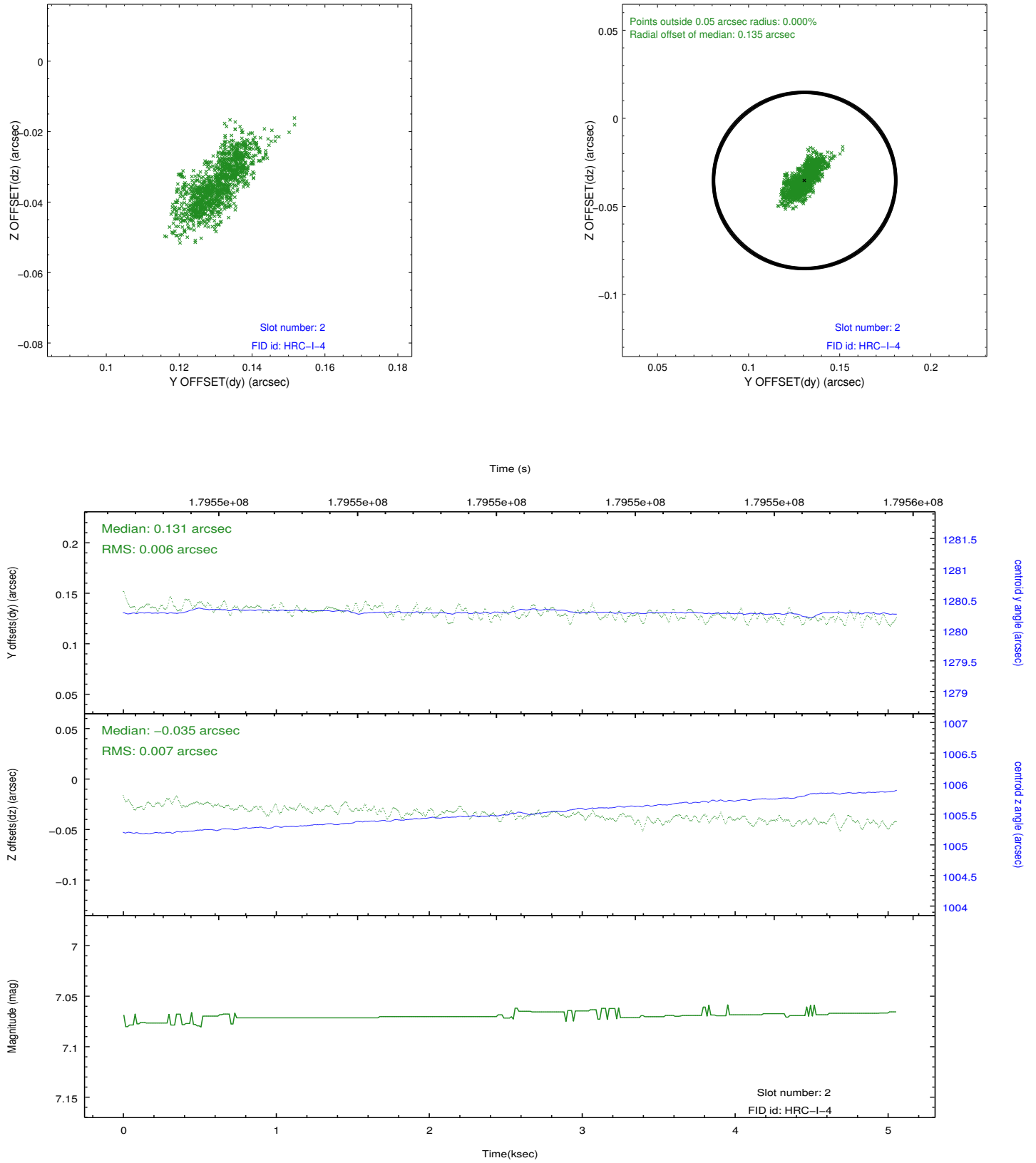
2.5.1 Slot 0



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)	2012.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.815

A.2 Comments