

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11803 - L2 Version 3
Chandra X-Ray Center

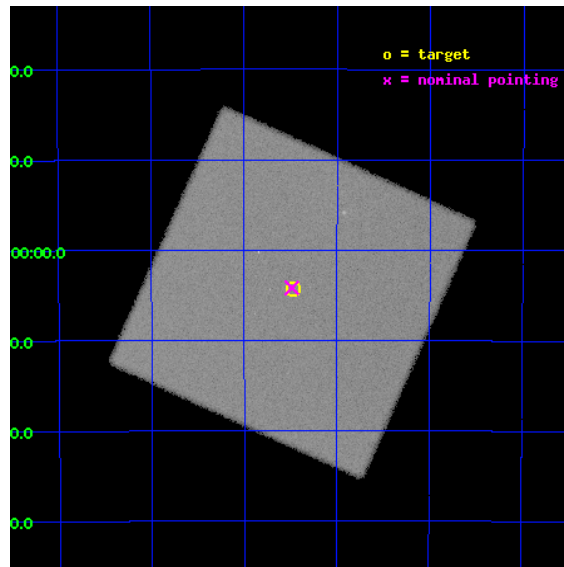
L2 Processing Date : Aug 13 2012

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1 Front

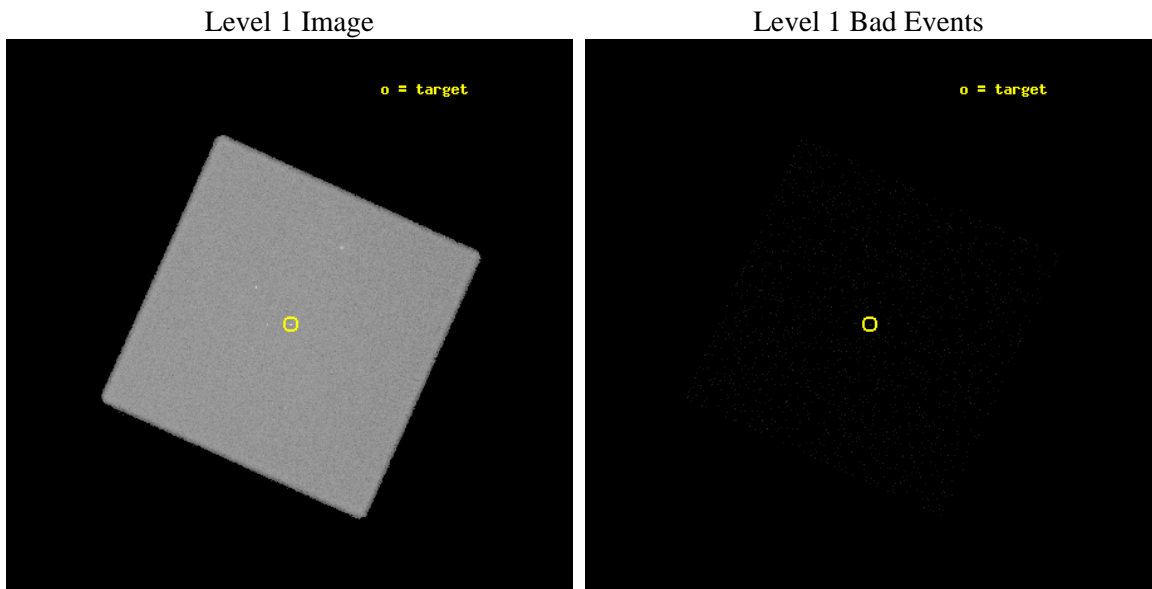
seq_num	401125	Sequence number
obs_id	11803	Observation id
title	A precise position for the intermediate mass black hole candidate in ESO 243-49	Proposal title
observer	Dr Sean Farrell	Principal investigator
object	ESO 243-49 HLX-1	Source name
ra_targ	17.6175	Observer's specified target RA [deg]
dec_targ	-46.072833	Observer's specified target Dec [deg]
ra_nom	17.621392209647	Nominal RA [deg]
dec_nom	-46.069831638914	Nominal Dec [deg]
roll_nom	69.271352699416	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10156.981758654	[s]
livetime	10031.735326269	Ontime multiplied by DTCOR
l2events	785170	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	10000.019000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10156.981758654	[s]
caldsver	4.5.1.1	 	l1events	1313081	Number of level 1 events
date	2012-08-13T10:41:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

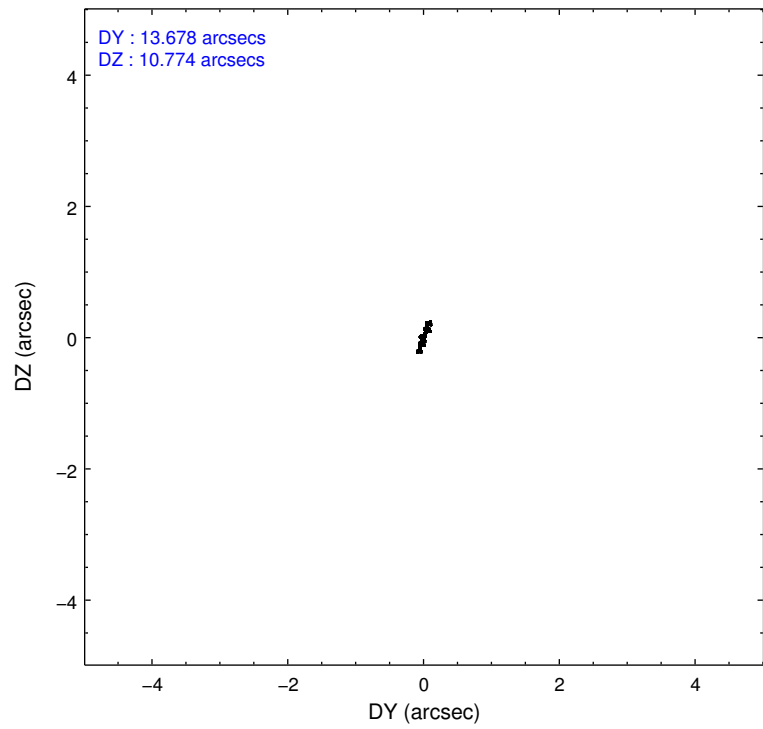
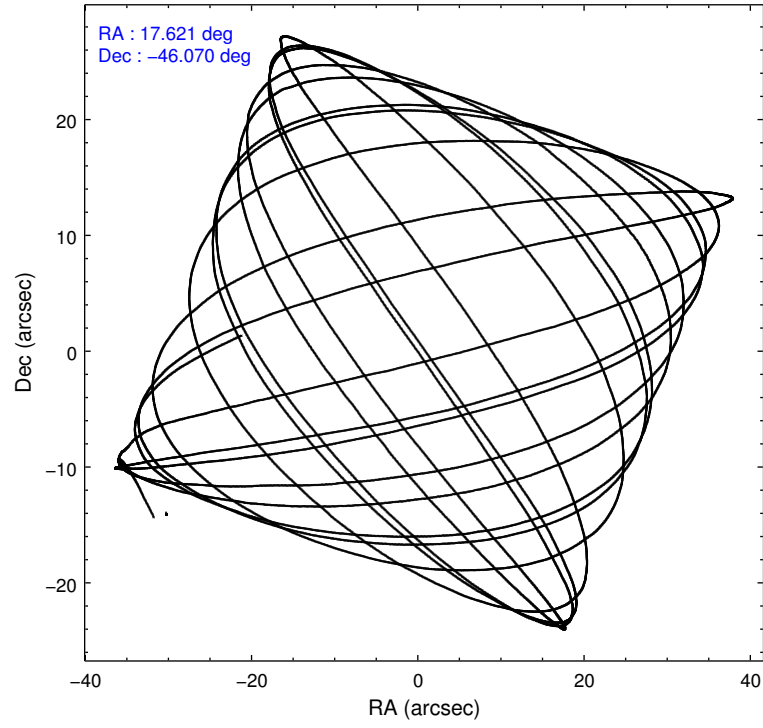
Level 1 Events

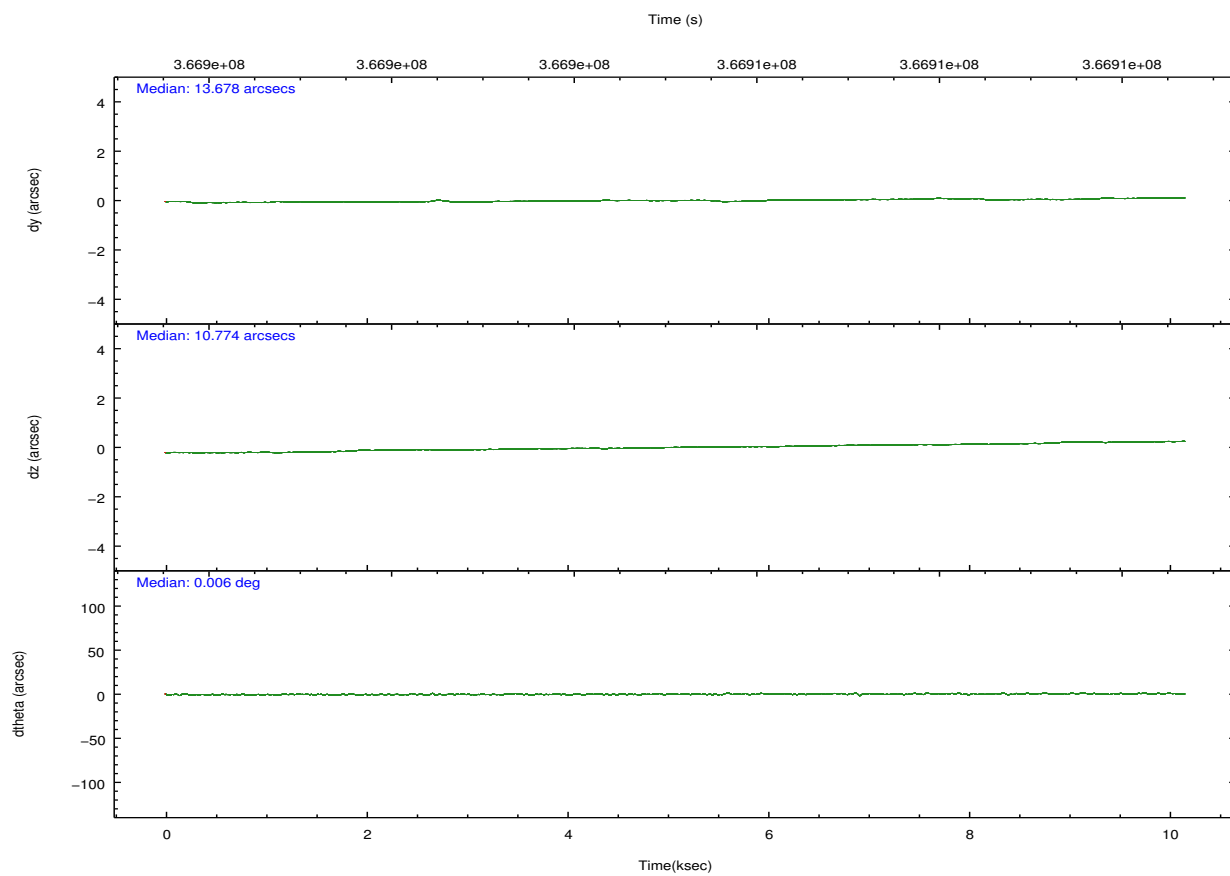
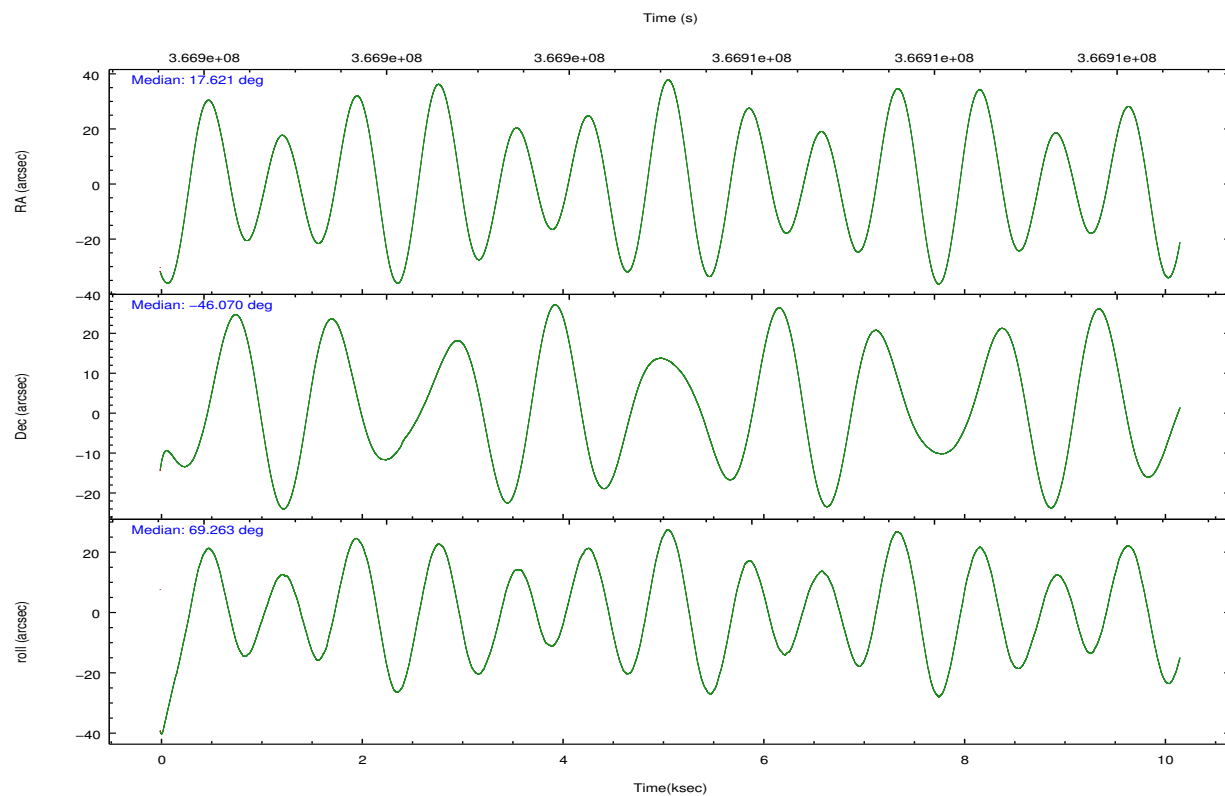
	segment 0
level 1 events	1313081
rejected events	174768
rejected %	13%

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	17.628817	17.62139220964709			
[deg] Pointing Dec	-46.096454	-46.06983163891388			
[deg] Pointing Roll	69.372203	69.27135269941606			
[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)	366900177.184000	366898576.16812			
Observation start date	2009-08-17T12:41:51	2009-08-17T12:16:16			
[s] Observation end time (MET)	366910177.184000	366910311.39371			
Observation end date	2009-08-17T15:28:31	2009-08-17T15:31:51			

2.3 Aspect



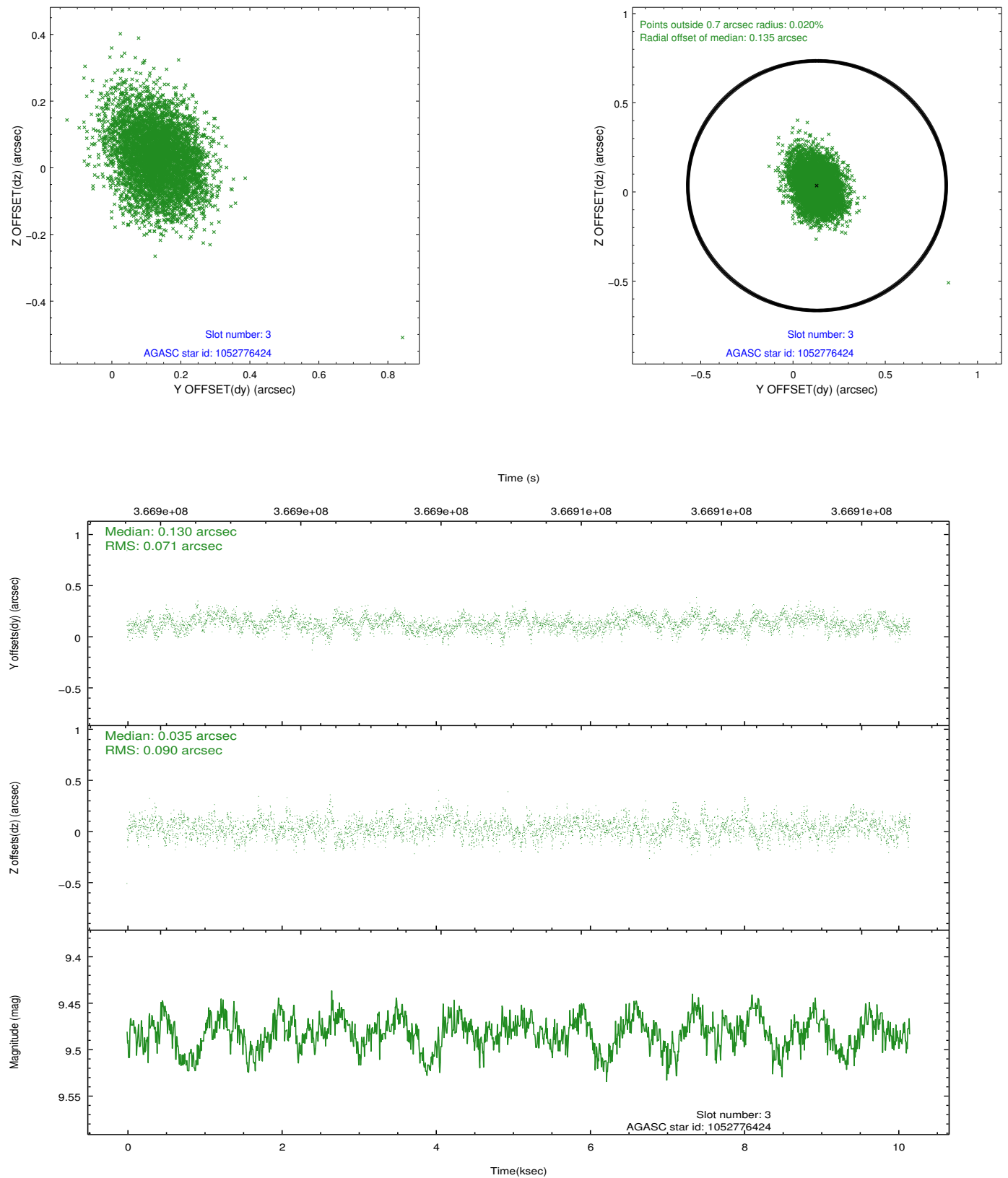


Slot Statistics

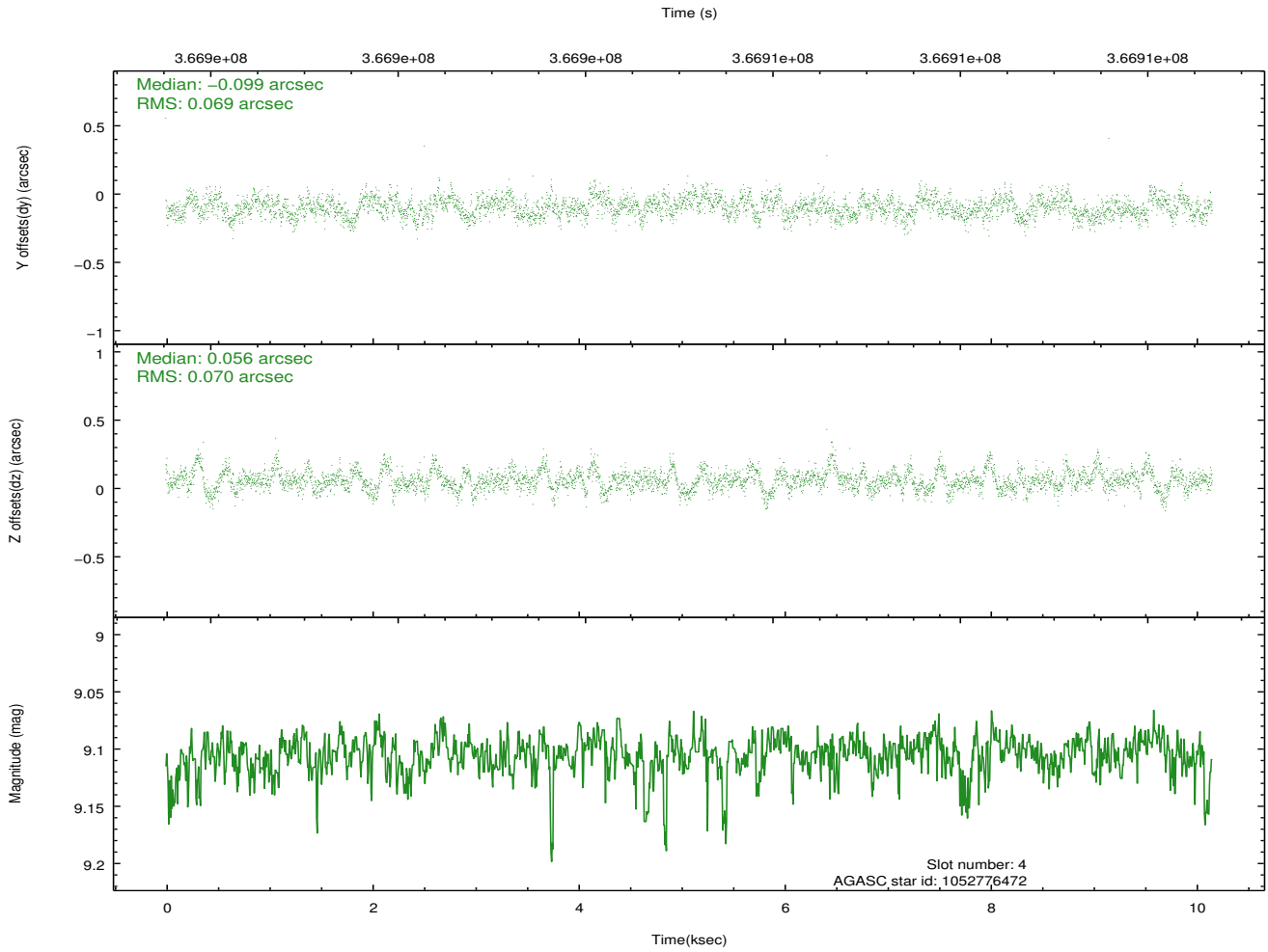
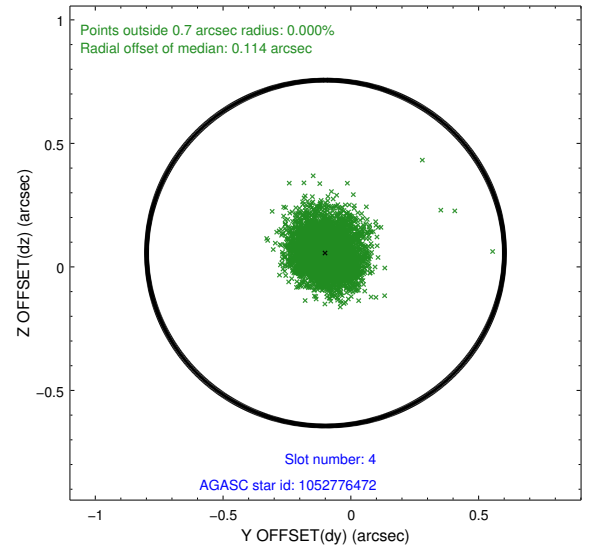
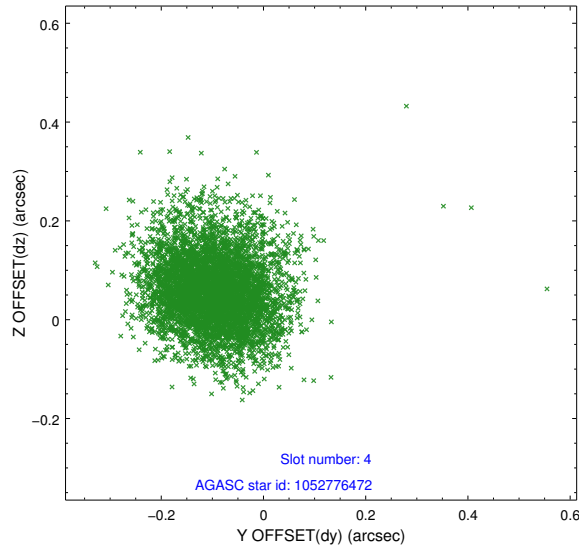
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.96	2477	0.093	-0.067	0.010	0.016	0.000000	0.000000	843.33	-1300.34
1	FID	HRC-I-3	7.01	2478	-0.107	0.027	0.009	0.014	0.000000	0.000000	-1197.73	1005.29
2	FID	HRC-I-4	6.93	2478	0.132	-0.048	0.007	0.011	0.000000	0.000000	1272.96	1003.84
3	GUIDE	1052776424	9.48	4951	0.130	0.035	0.120	0.199	17.993210	-46.428047	-799.75	-1267.81
4	GUIDE	1052776472	9.10	4944	-0.099	0.056	0.103	0.172	18.193201	-45.649976	2000.67	-764.96
5	GUIDE	1052776568	9.12	4948	-0.053	0.057	0.103	0.175	18.680703	-45.803836	1901.43	-2105.81
6	GUIDE	1052776600	9.66	4939	-0.049	-0.103	0.131	0.223	17.241655	-45.618812	1264.40	1516.65
7	GUIDE	1052778688	10.01	4945	0.067	-0.050	0.149	0.246	16.828978	-45.979245	-318.52	2017.70

2.4 Star Slots

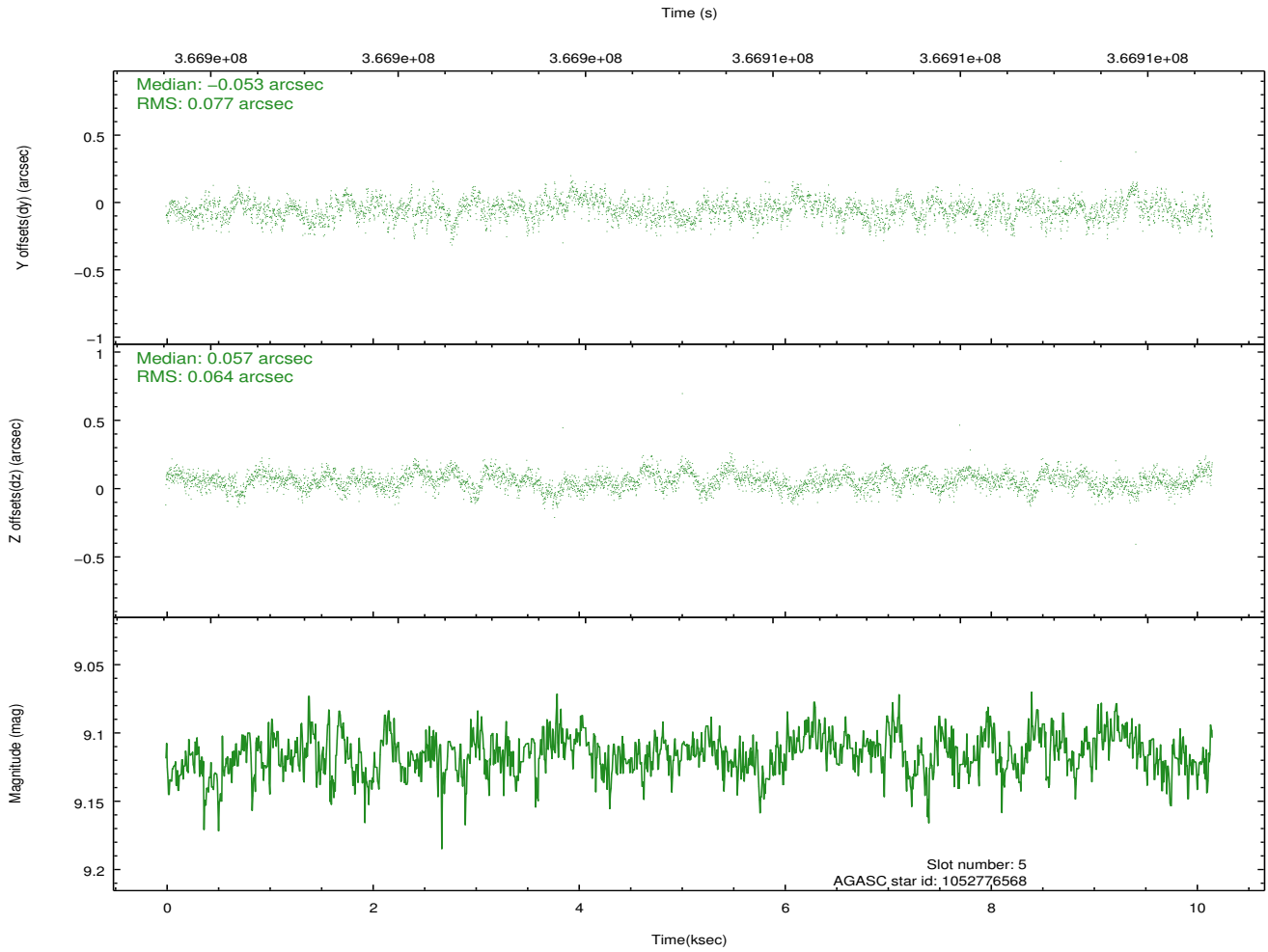
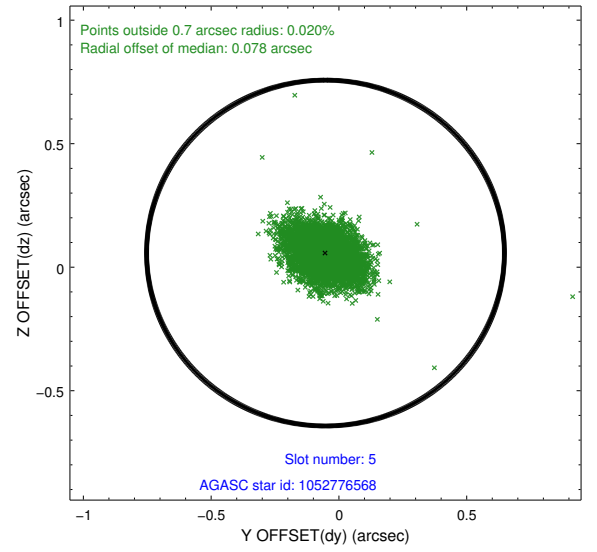
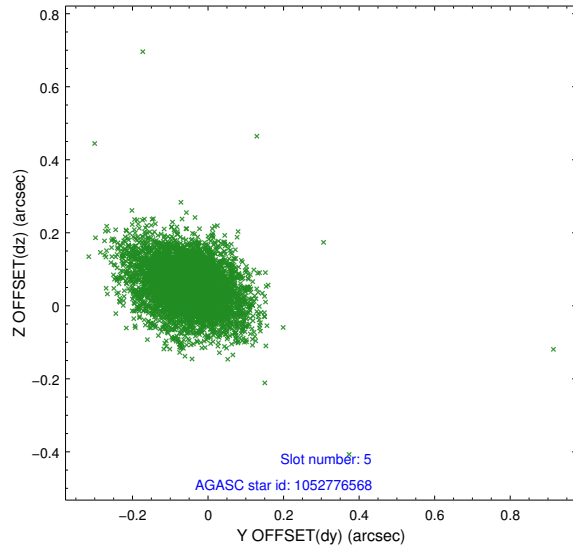
2.4.1 Slot 3



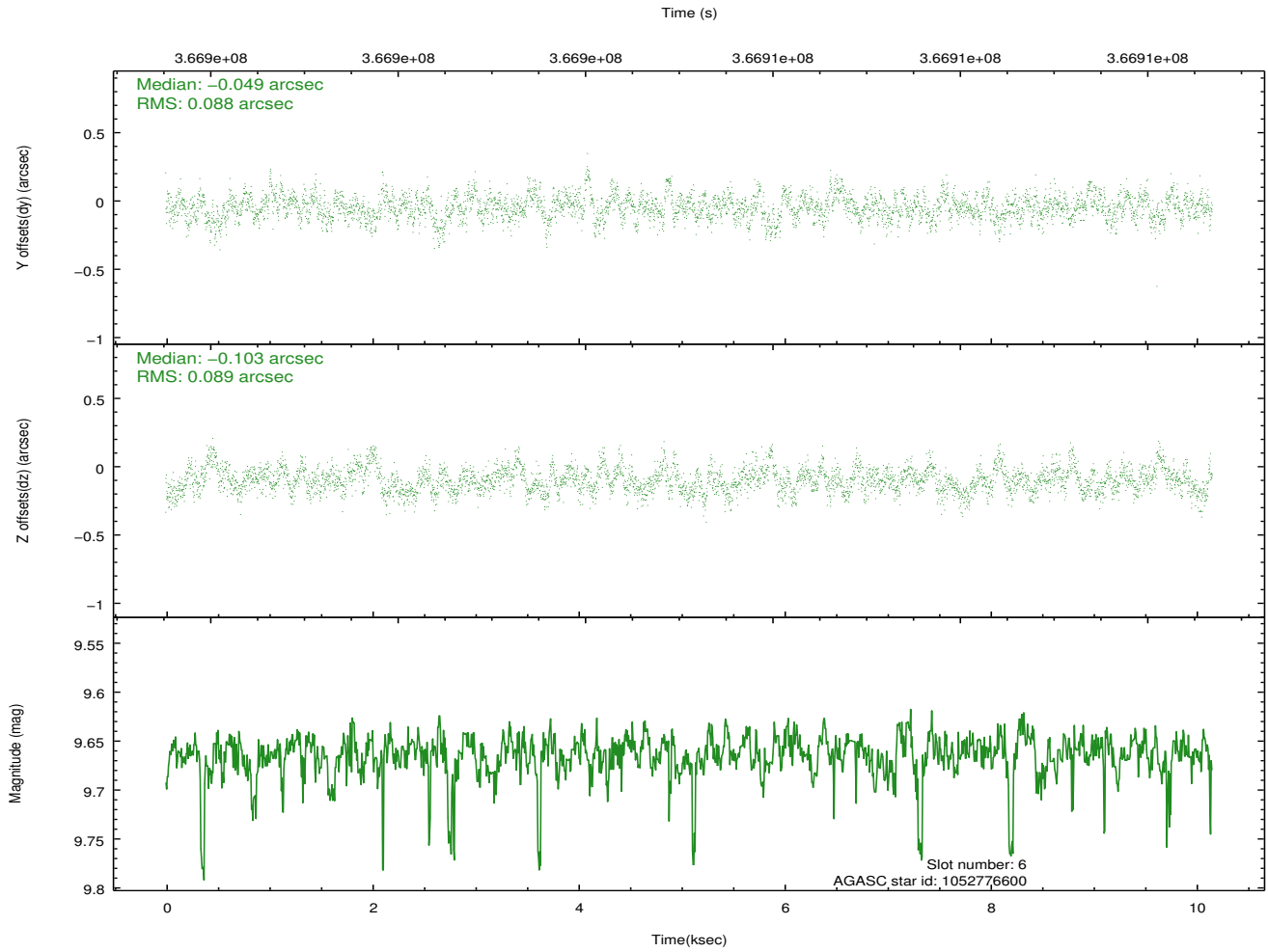
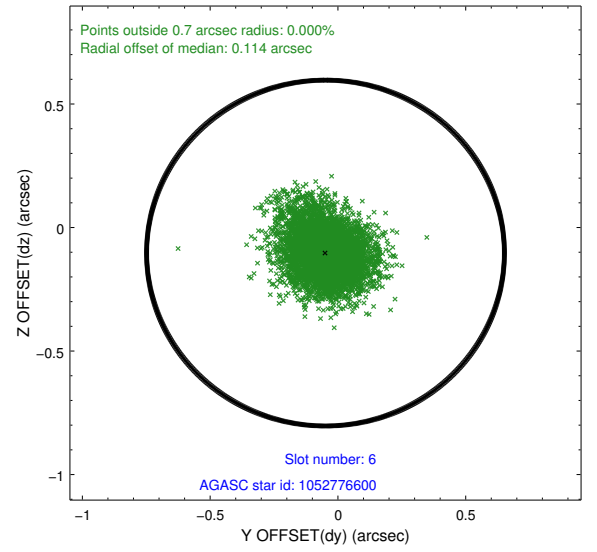
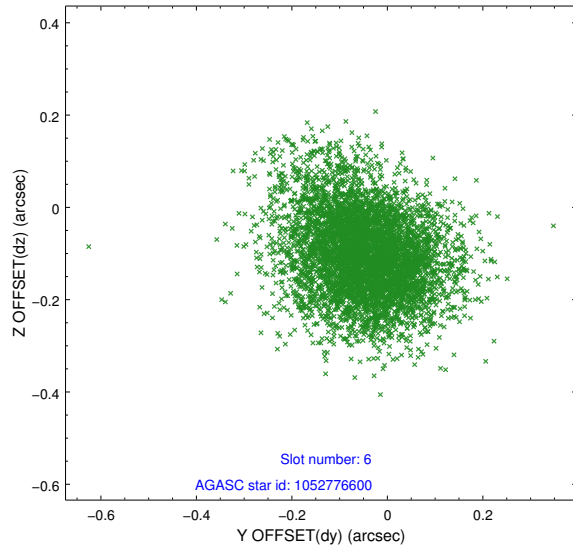
2.4.2 Slot 4



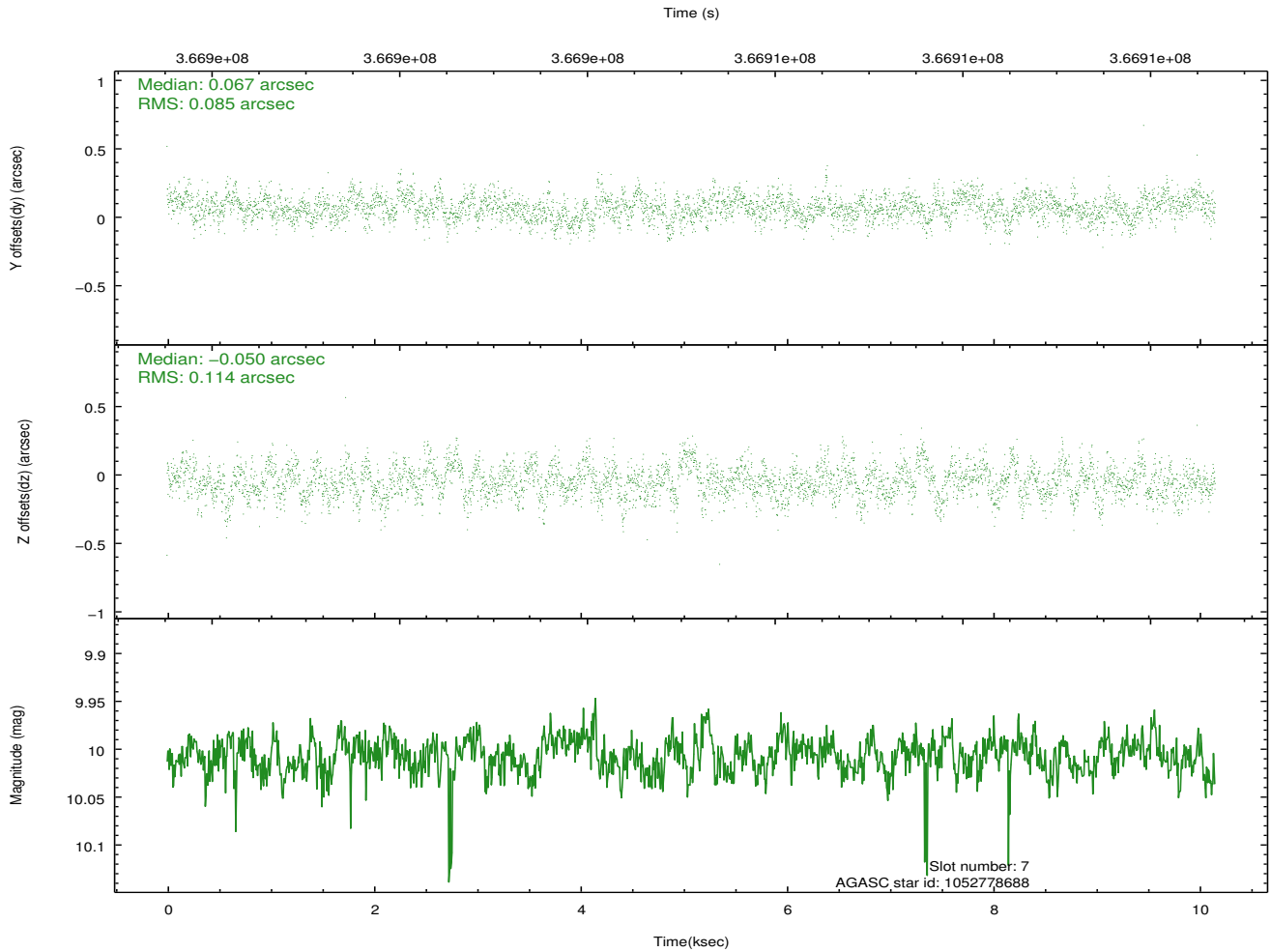
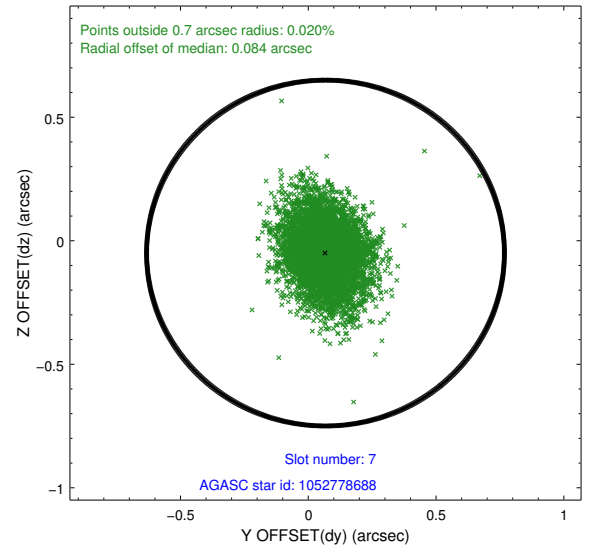
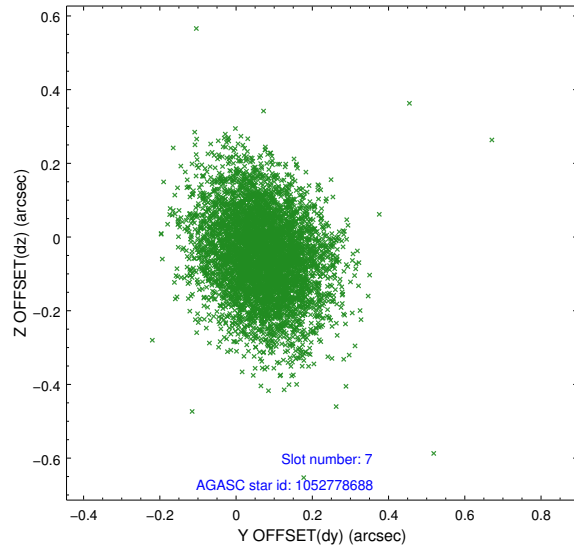
2.4.3 Slot 5



2.4.4 Slot 6

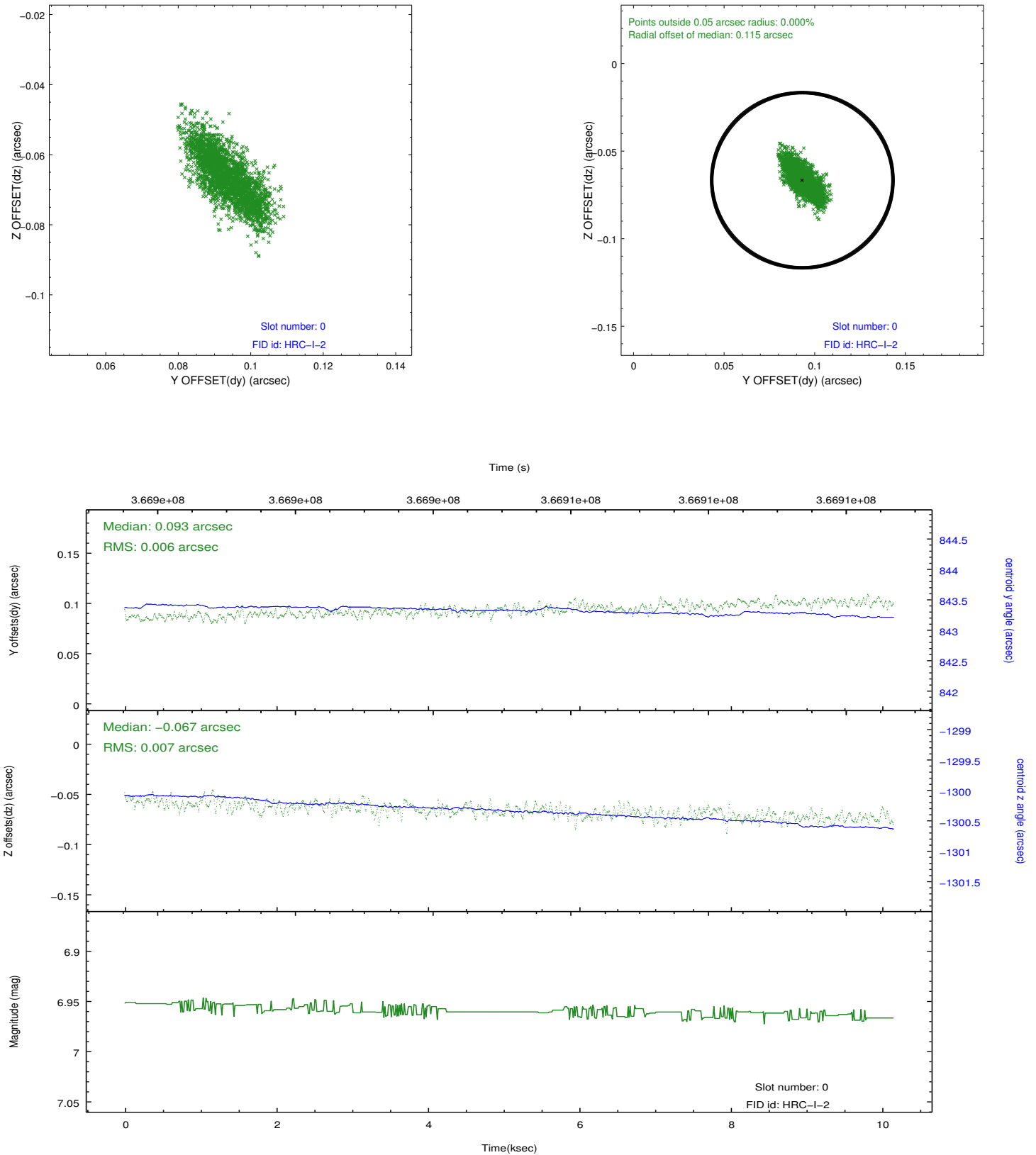


2.4.5 Slot 7

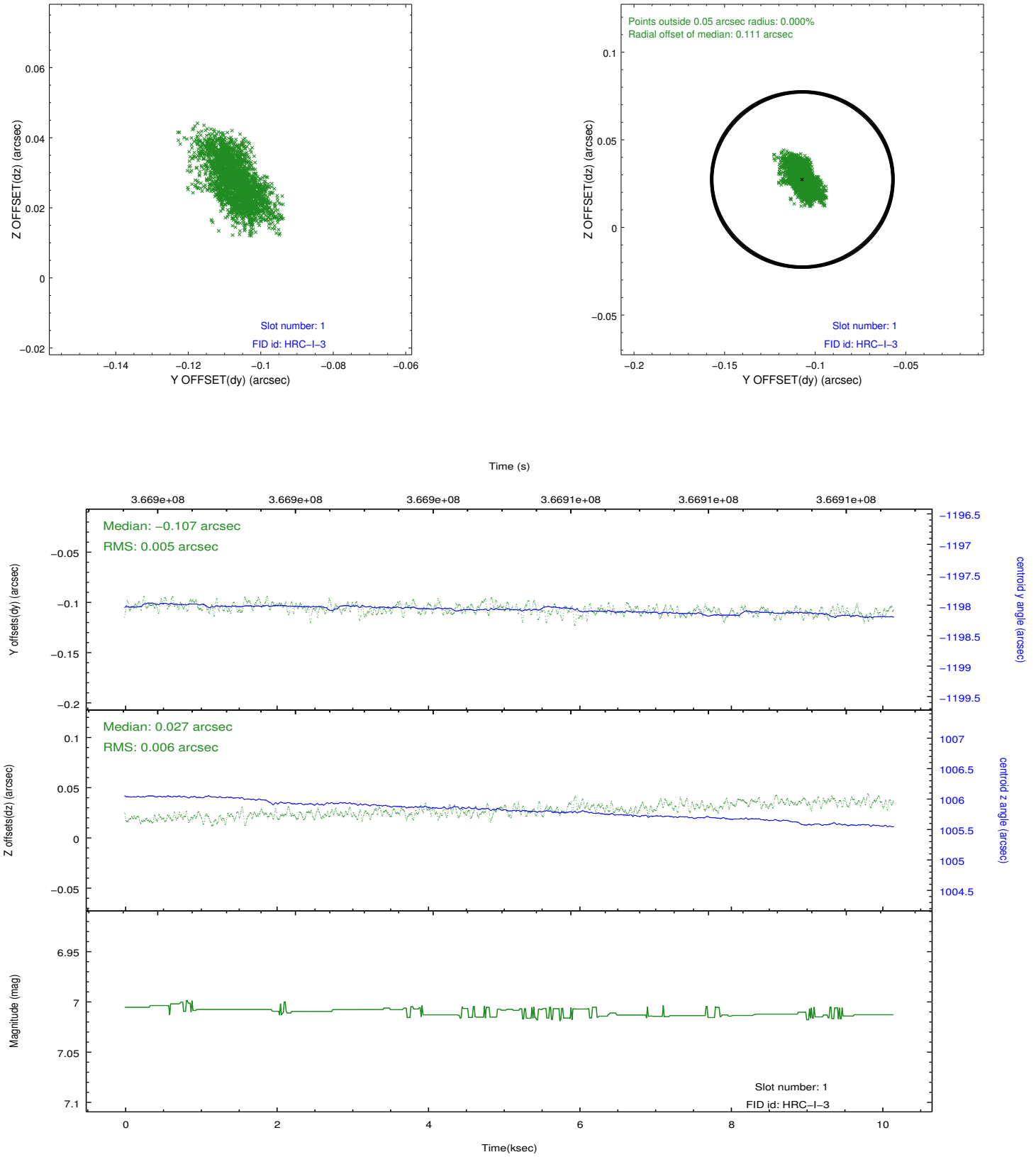


2.5 FID Slots

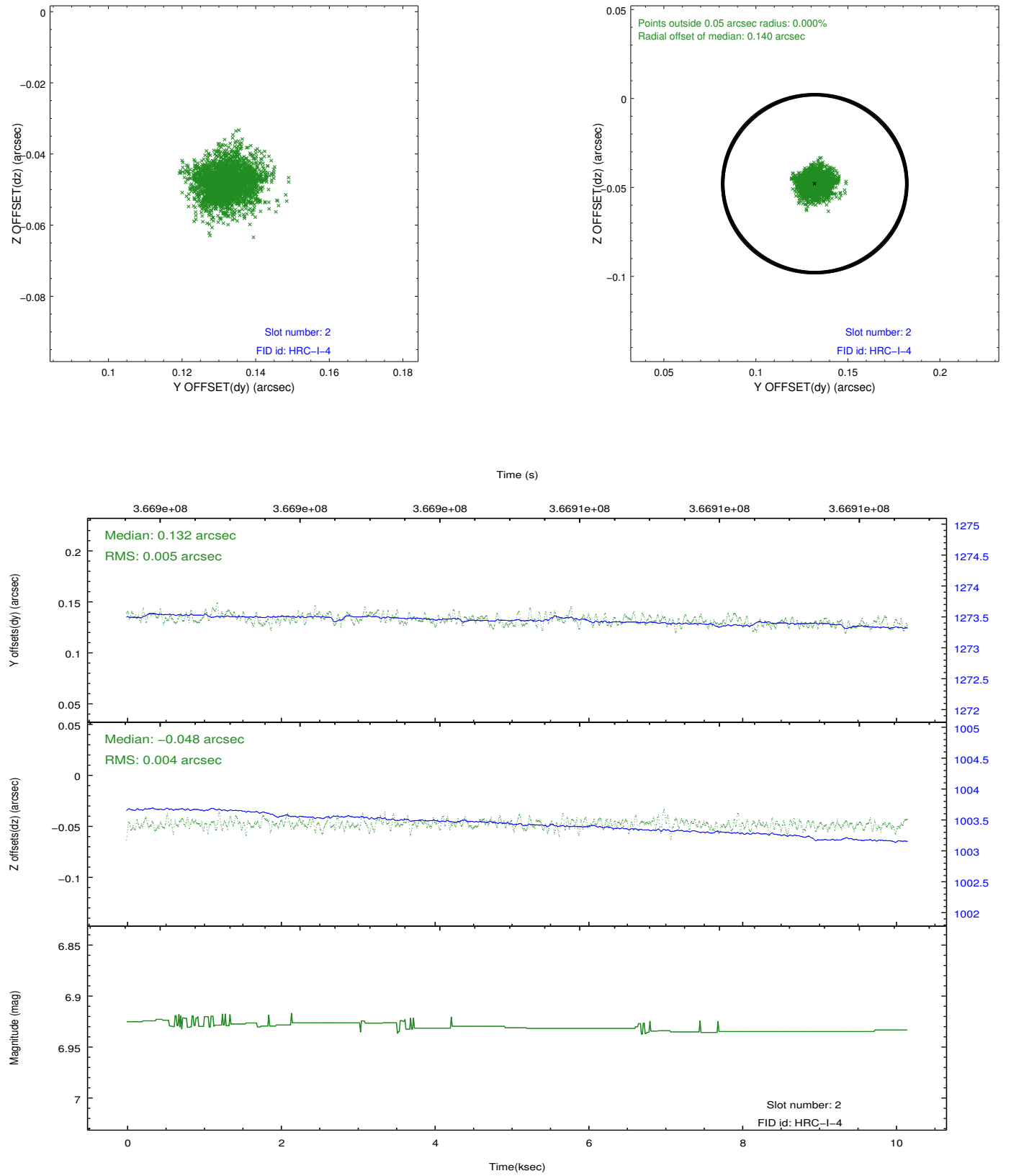
2.5.1 Slot 0



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)	2012.08.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.156981758058

A.2 Comments