

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9700 - L2 Version 3
Chandra X-Ray Center

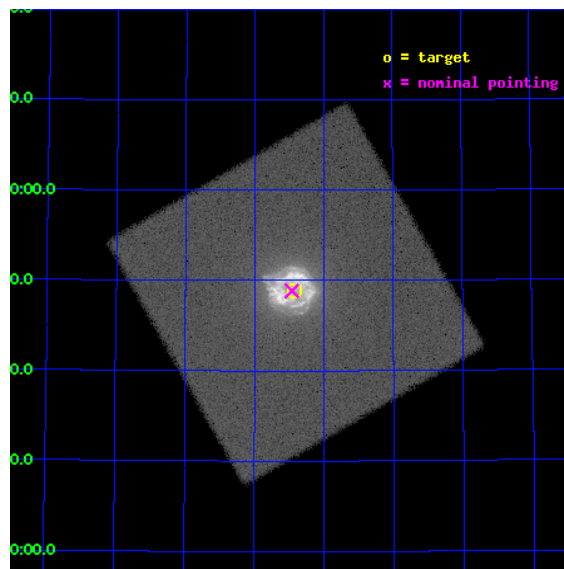
L2 Processing Date : Aug 12 2012

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

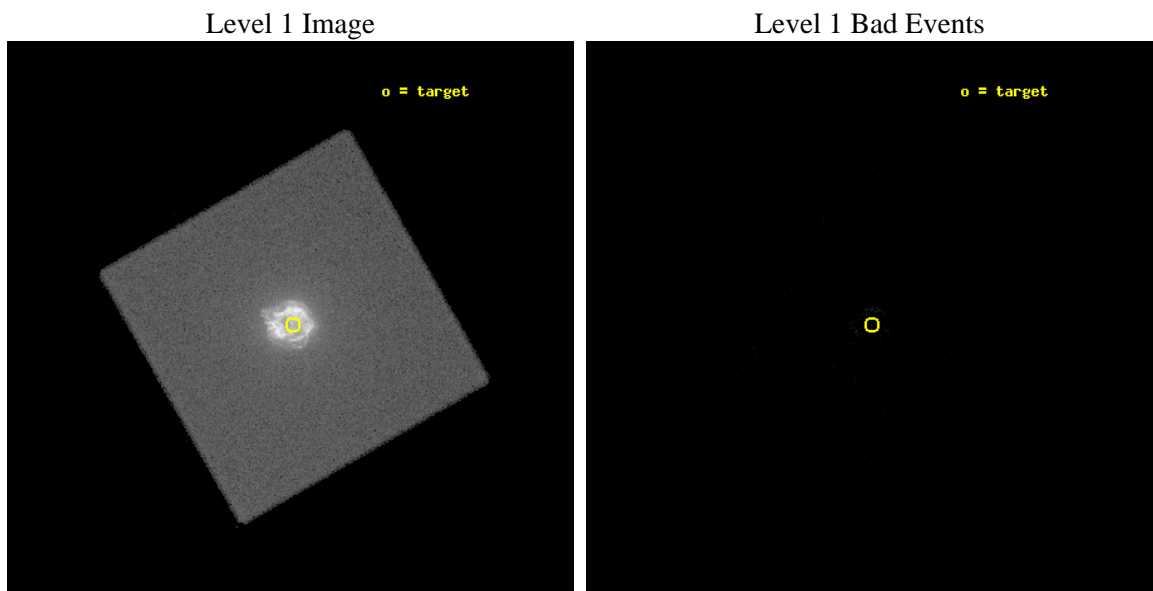
seq_num	590478	Sequence number
obs_id	9700	Observation id
title	AO9 Observations of the Standard Candles Cas A and G21.5-09.	Propo
observer	Dr. CXC Calibration	Principal investigator
object	Cas A	Source name
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	350.86533581787	Nominal RA [deg]
dec_nom	58.814441491231	Nominal Dec [deg]
roll_nom	15.262657910051	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5133.2002497911	[s]
livetime	5014.0551081254	Ontime multiplied by DTCOR
l2events	771672	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5133.2002497911	[s]
caldbver	4.5.1.1	 	l1events	963653	Number of level 1 events
date	2012-08-12T10:17:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

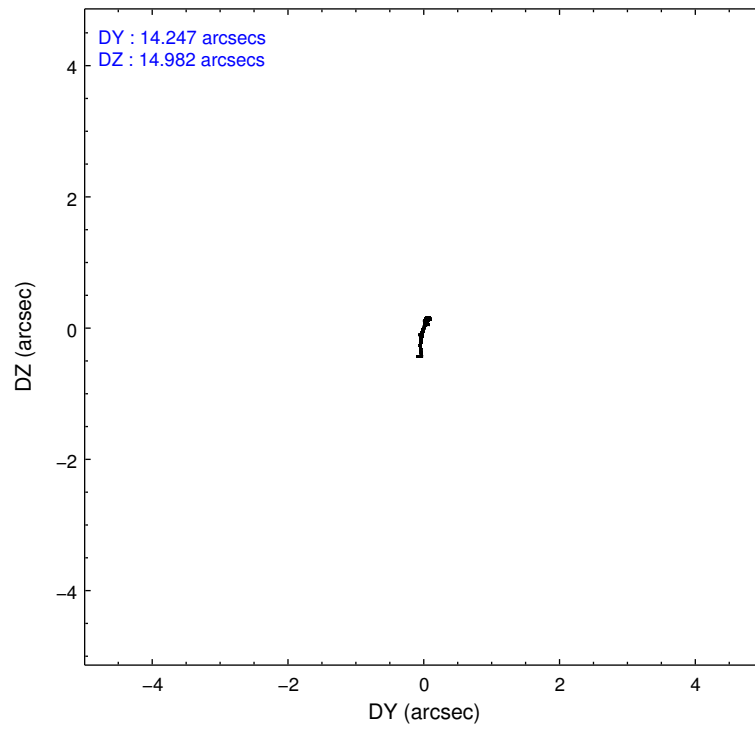
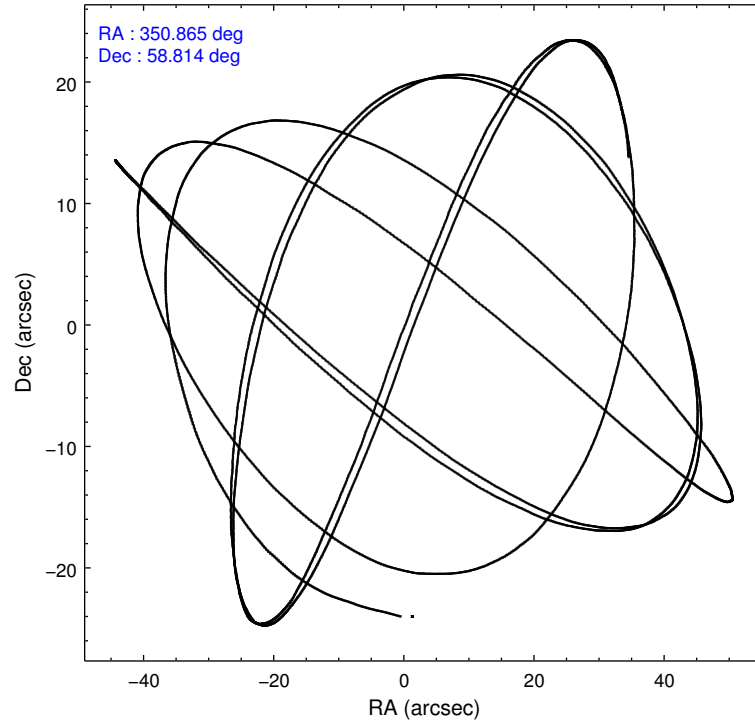
Level 1 Events

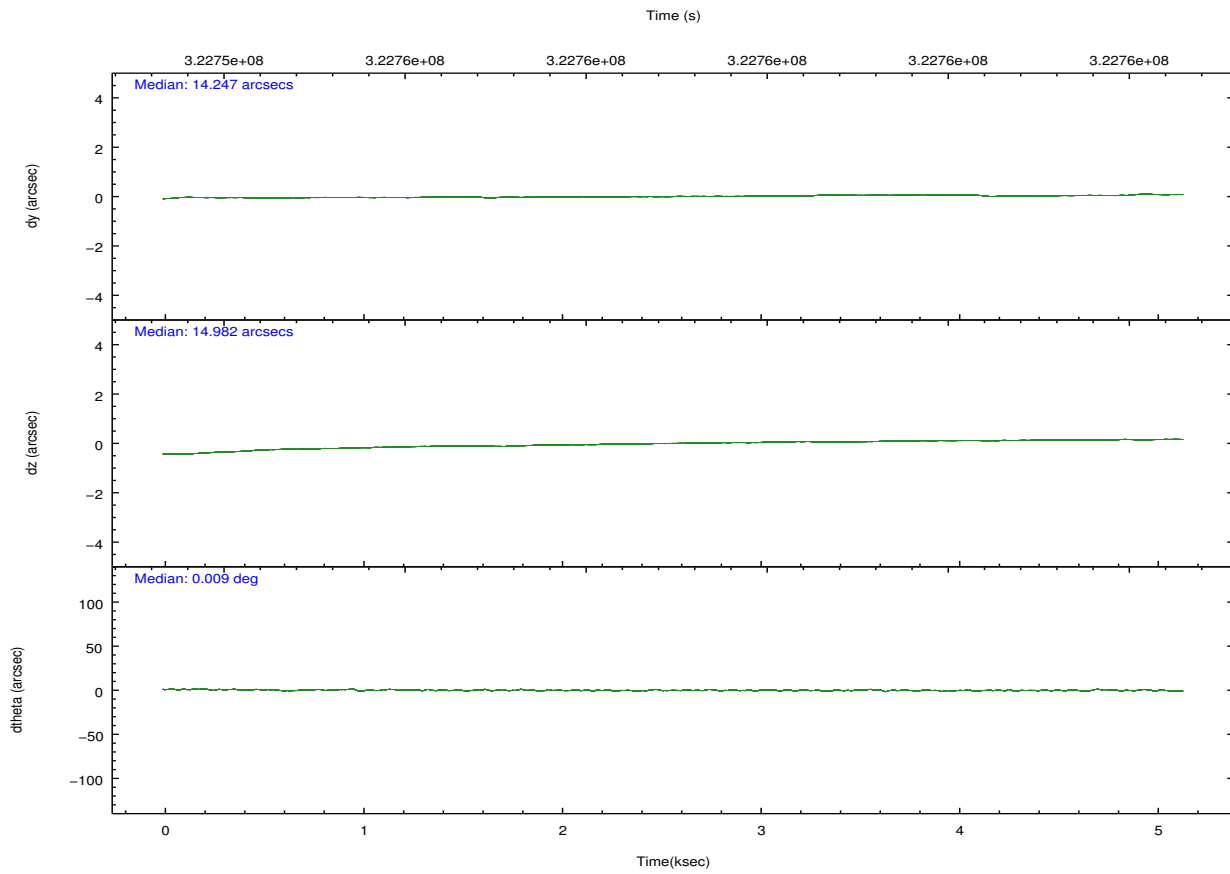
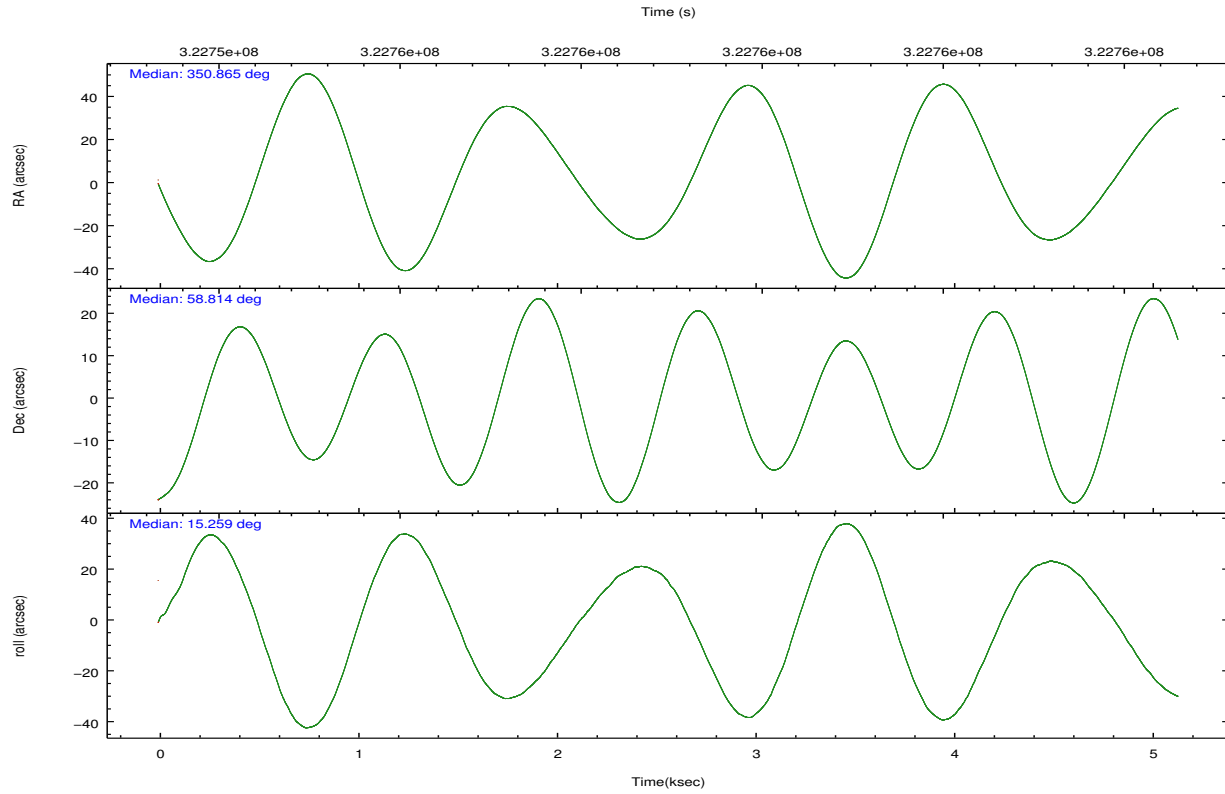
	segment 0
level 1 events	963653
rejected events	22061
rejected %	2%

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	350.829534	350.8653358178679			
[deg] Pointing Dec	58.794591	58.81444149123099			
[deg] Pointing Roll	15.388780	15.26265791005081			
[s] Window start time (MET)	318211265.184000	318211265.184000			
[s] Window stop time (MET)	328579265.184000	328579265.184000			
[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)	322754044.184000	322753642.56583			
Observation start date	2008-03-24T13:52:59	2008-03-24T13:47:22			
[s] Observation end time (MET)	322759044.184000	322759972.45364			
Observation end date	2008-03-24T15:16:19	2008-03-24T15:32:52			

2.3 Aspect



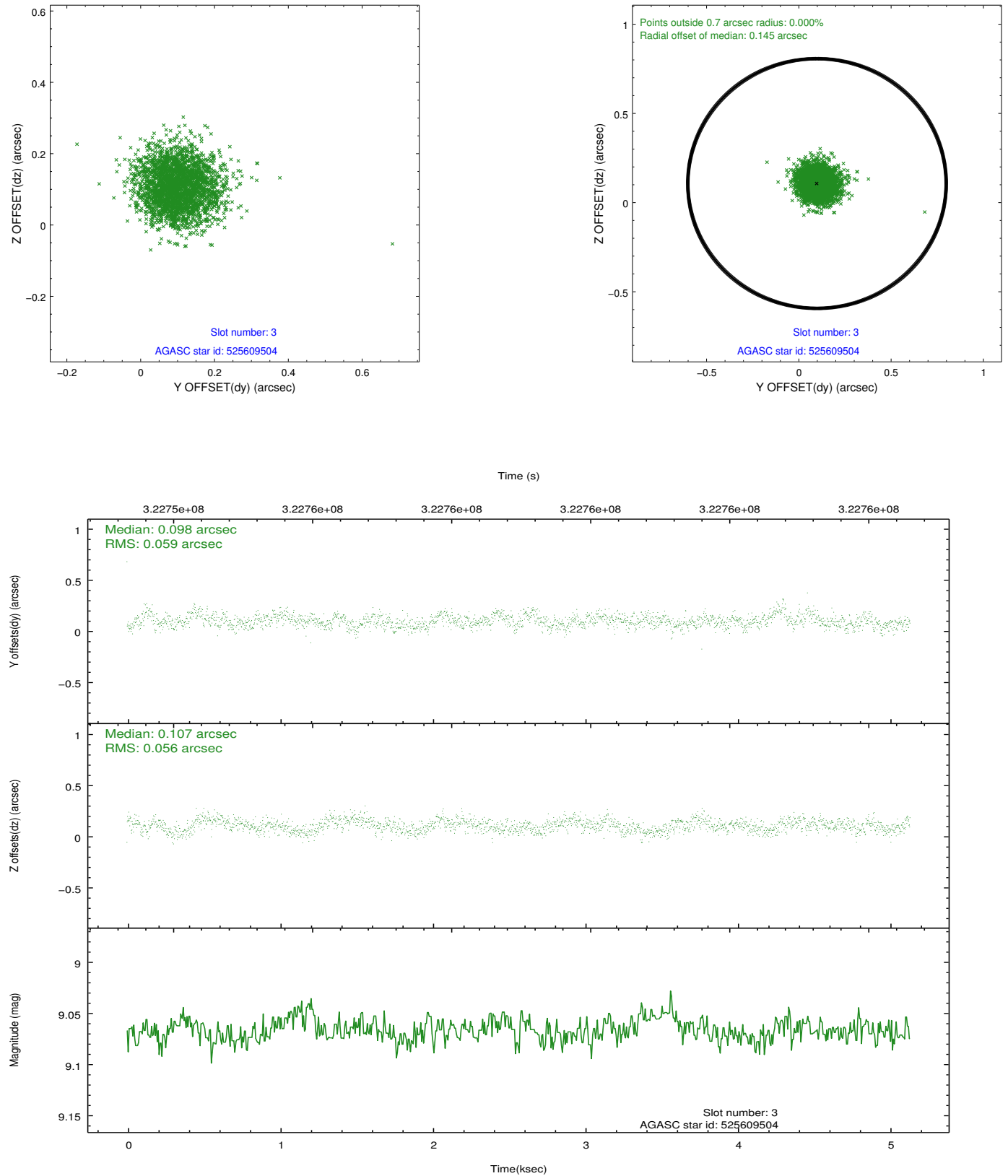


Slot Statistics

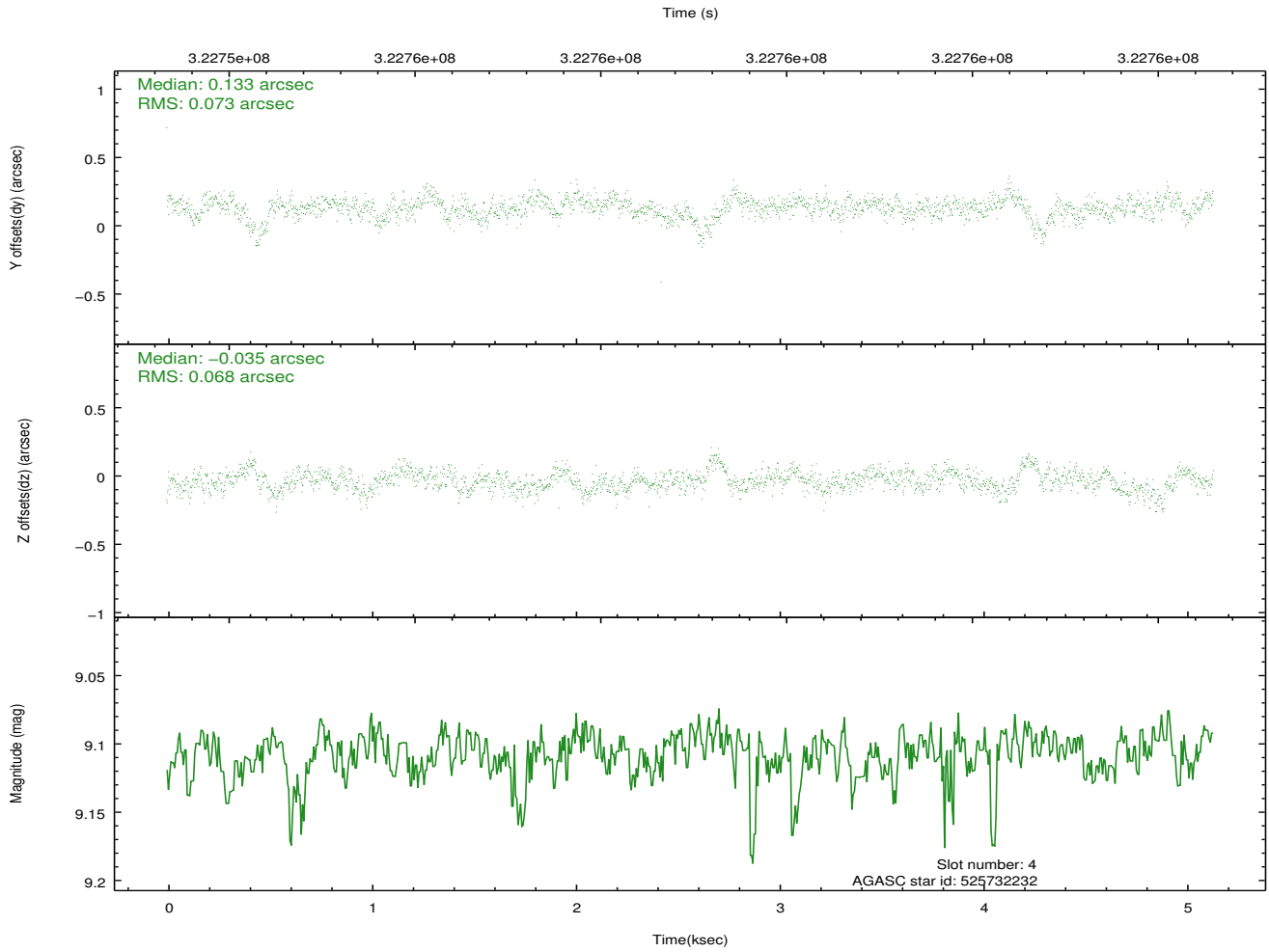
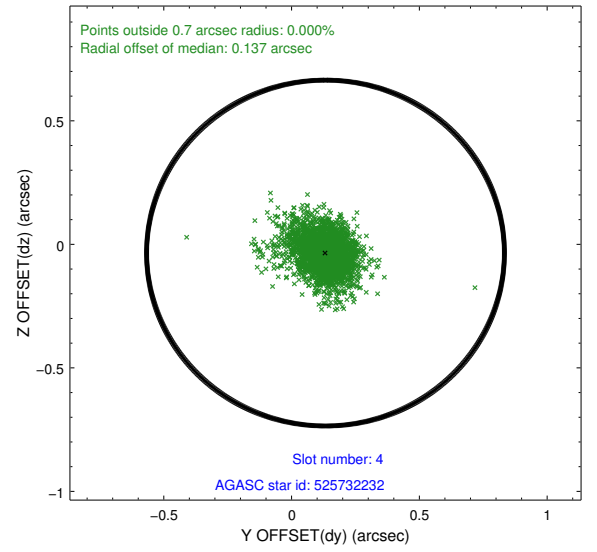
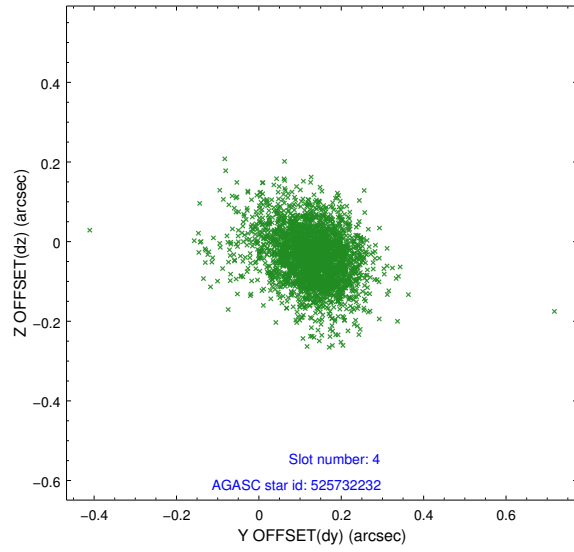
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1252	-0.111	-0.036	0.007	0.013	0.000000	0.000000	-770.16	-1303.05
1	FID	HRC-I-2	7.01	1253	0.185	-0.039	0.007	0.012	0.000000	0.000000	842.15	-1305.68
2	FID	HRC-I-4	6.98	1253	0.042	-0.017	0.007	0.011	0.000000	0.000000	1273.49	998.06
3	GUIDE	525609504	9.07	2497	0.098	0.107	0.086	0.137	349.896632	58.356658	-2113.25	-1040.84
4	GUIDE	525732232	9.11	2505	0.133	-0.035	0.100	0.182	351.669550	58.757012	1479.66	-538.85
5	GUIDE	525732488	8.41	2506	-0.010	0.090	0.075	0.123	350.087090	58.516915	-1607.60	-586.37
6	GUIDE	525735456	7.18	2506	-0.218	-0.236	0.060	0.098	350.628183	59.307249	132.74	1877.47
7	GUIDE	525735976	8.56	2501	0.002	0.069	0.076	0.124	350.142956	58.277622	-1744.41	-1442.62

2.4 Star Slots

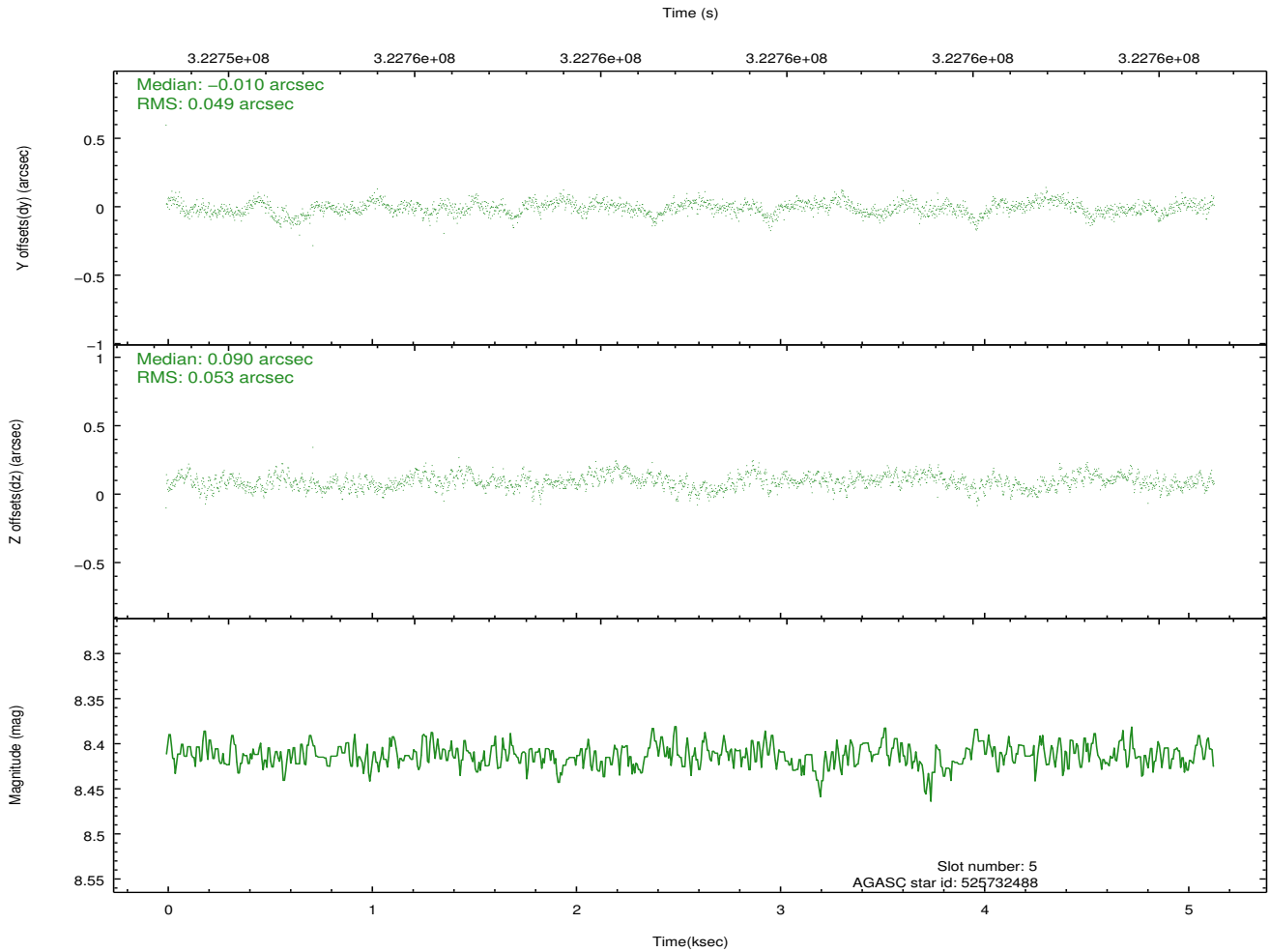
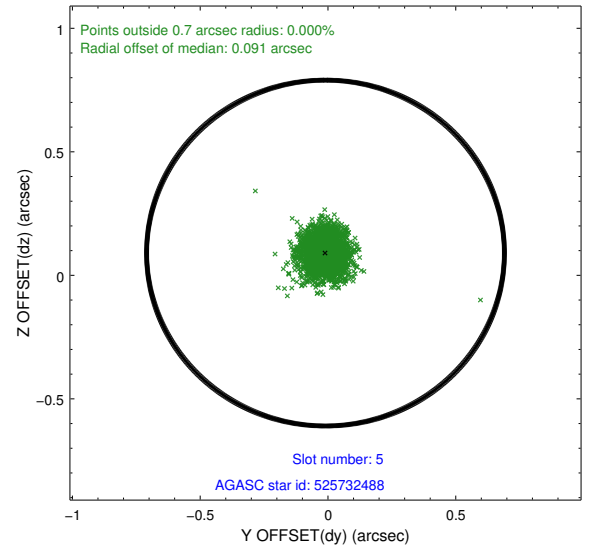
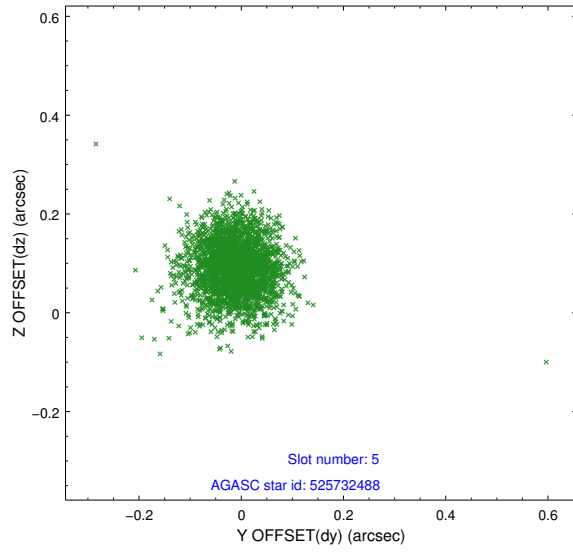
2.4.1 Slot 3



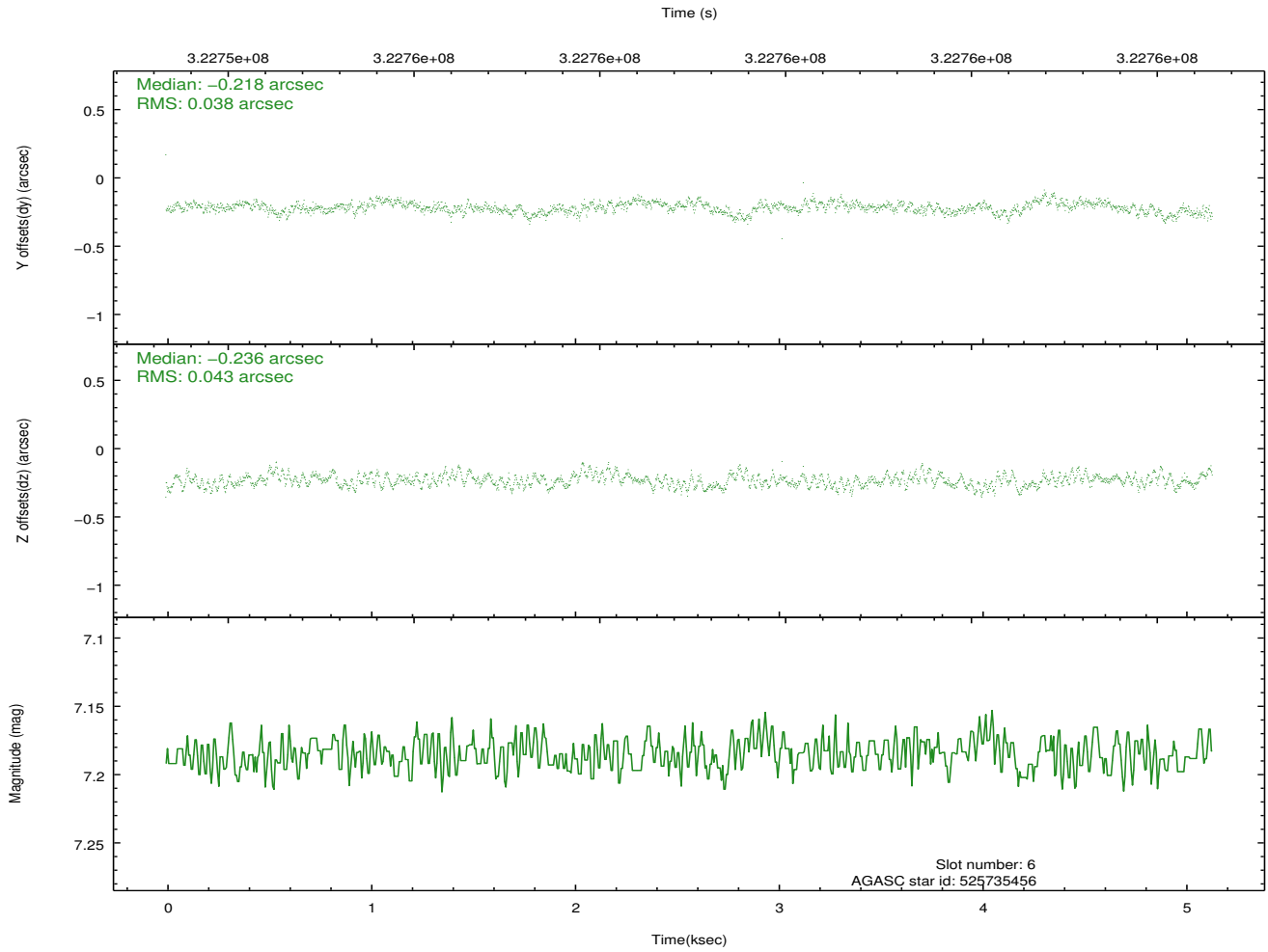
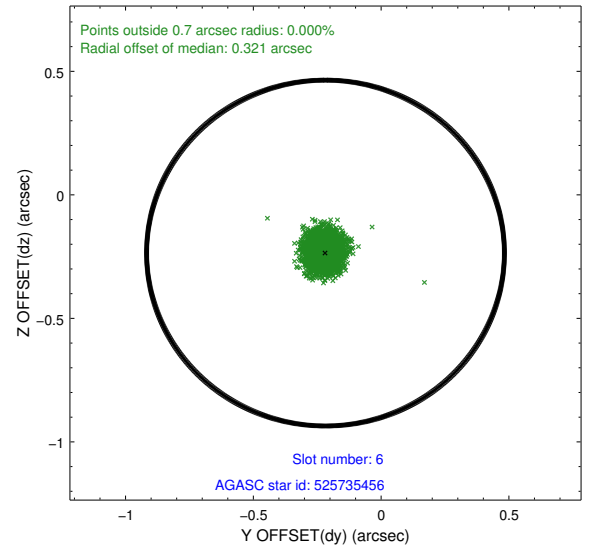
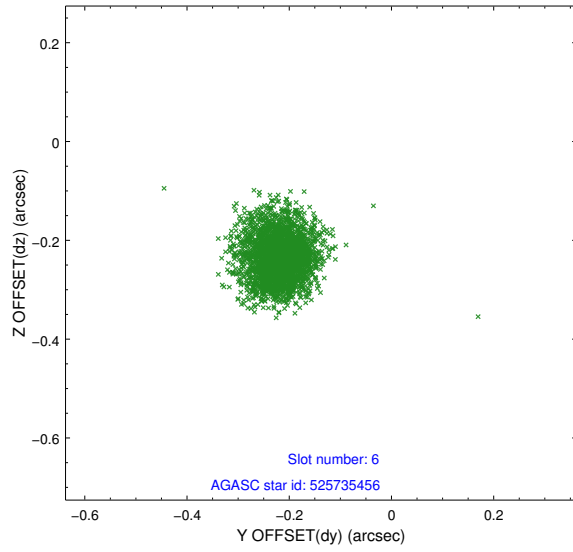
2.4.2 Slot 4



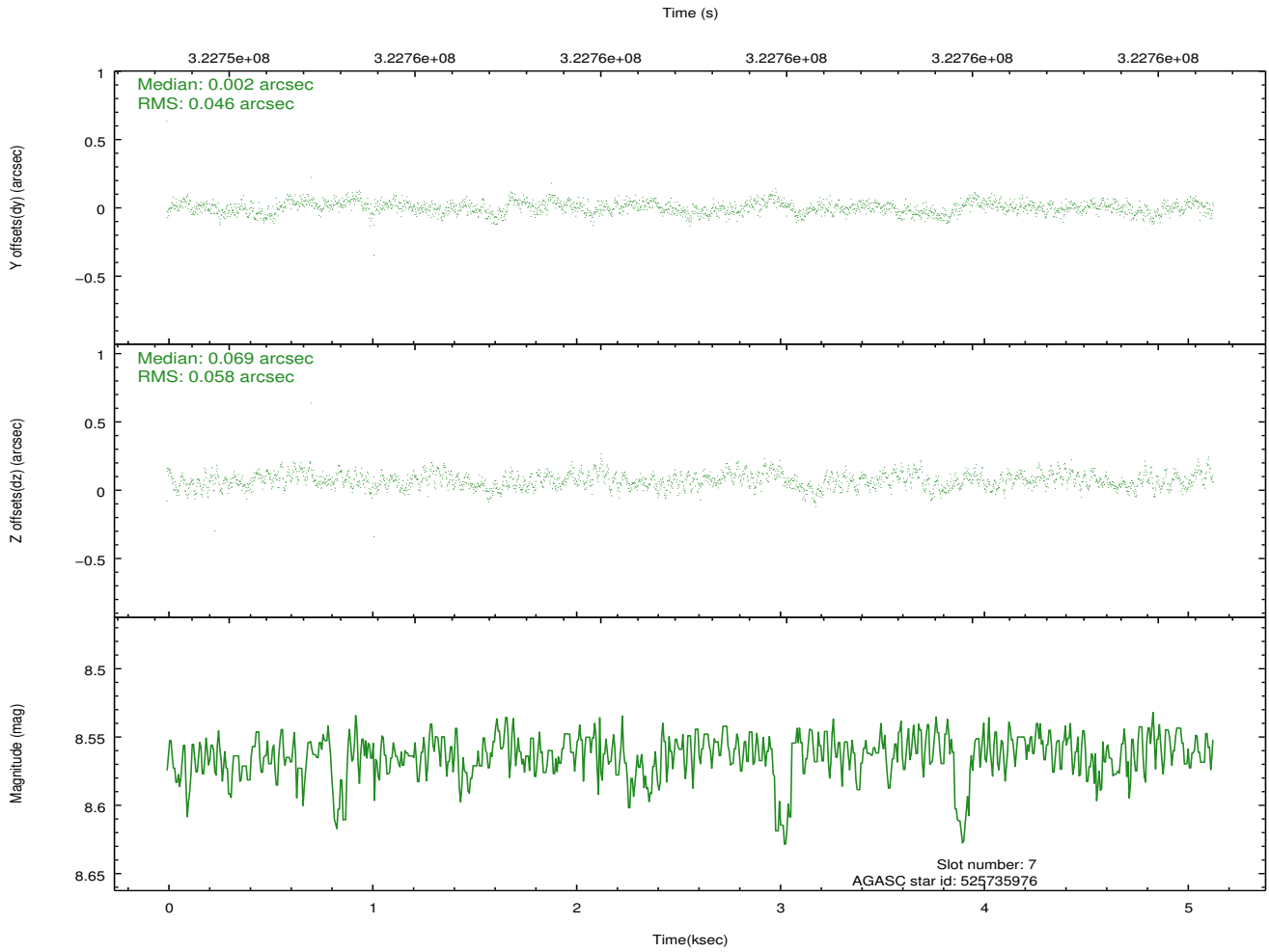
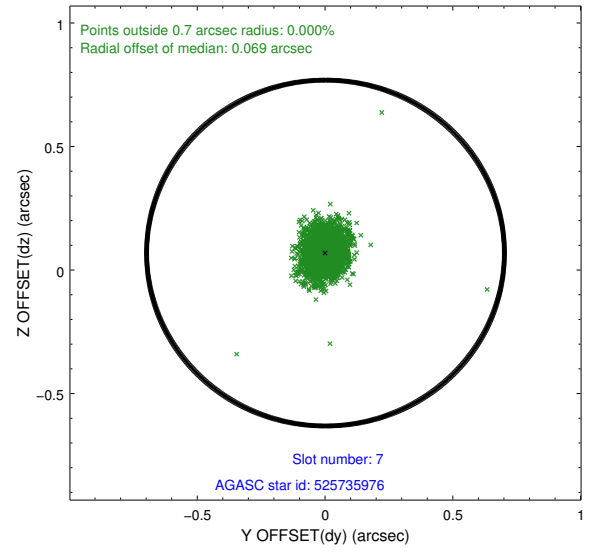
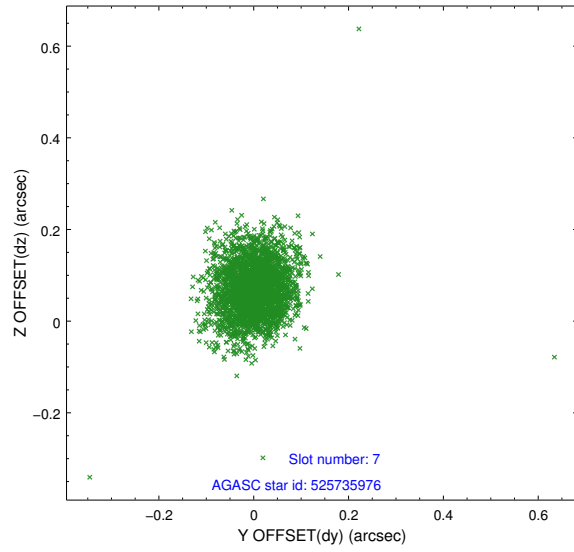
2.4.3 Slot 5



2.4.4 Slot 6

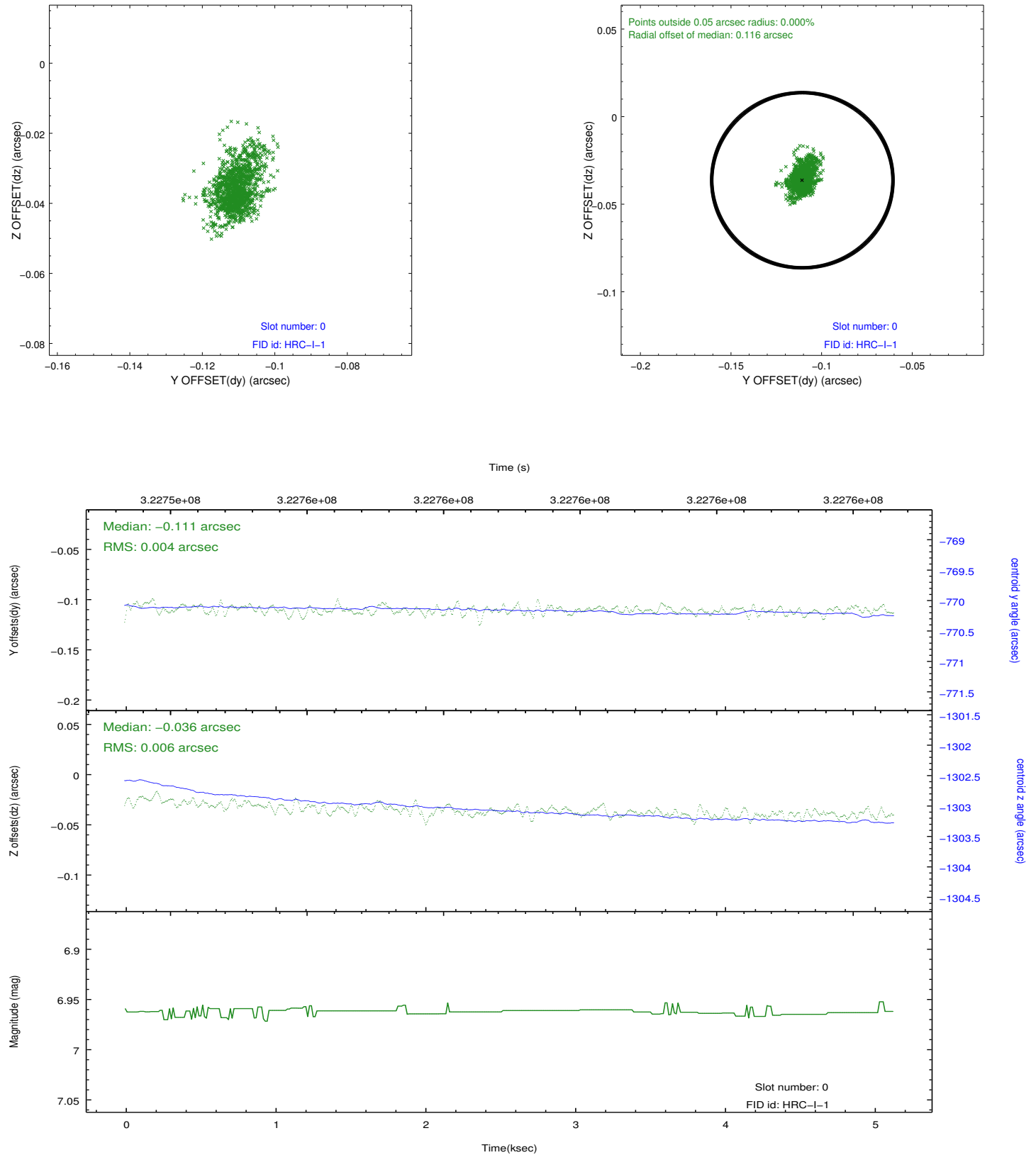


2.4.5 Slot 7

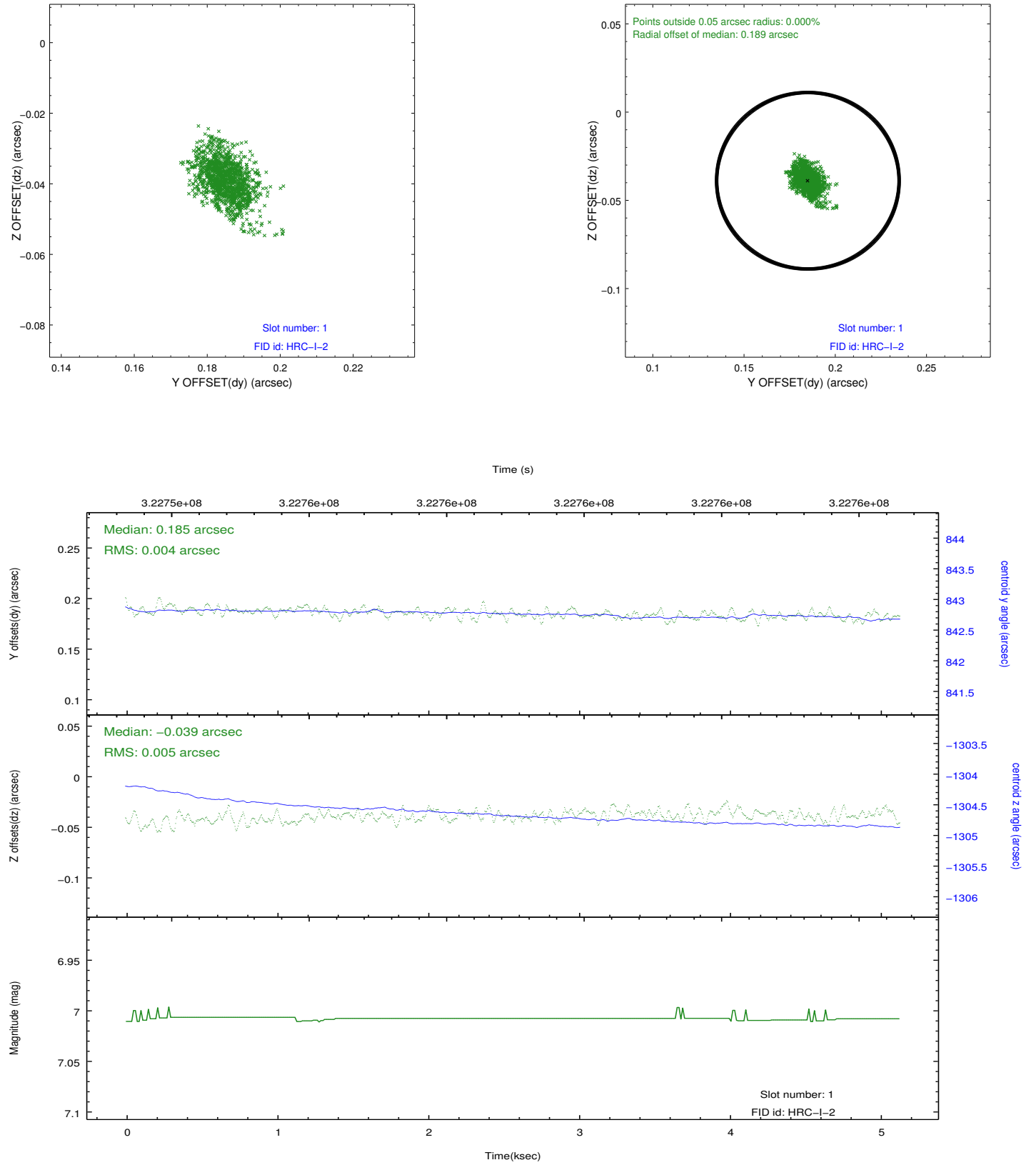


2.5 FID Slots

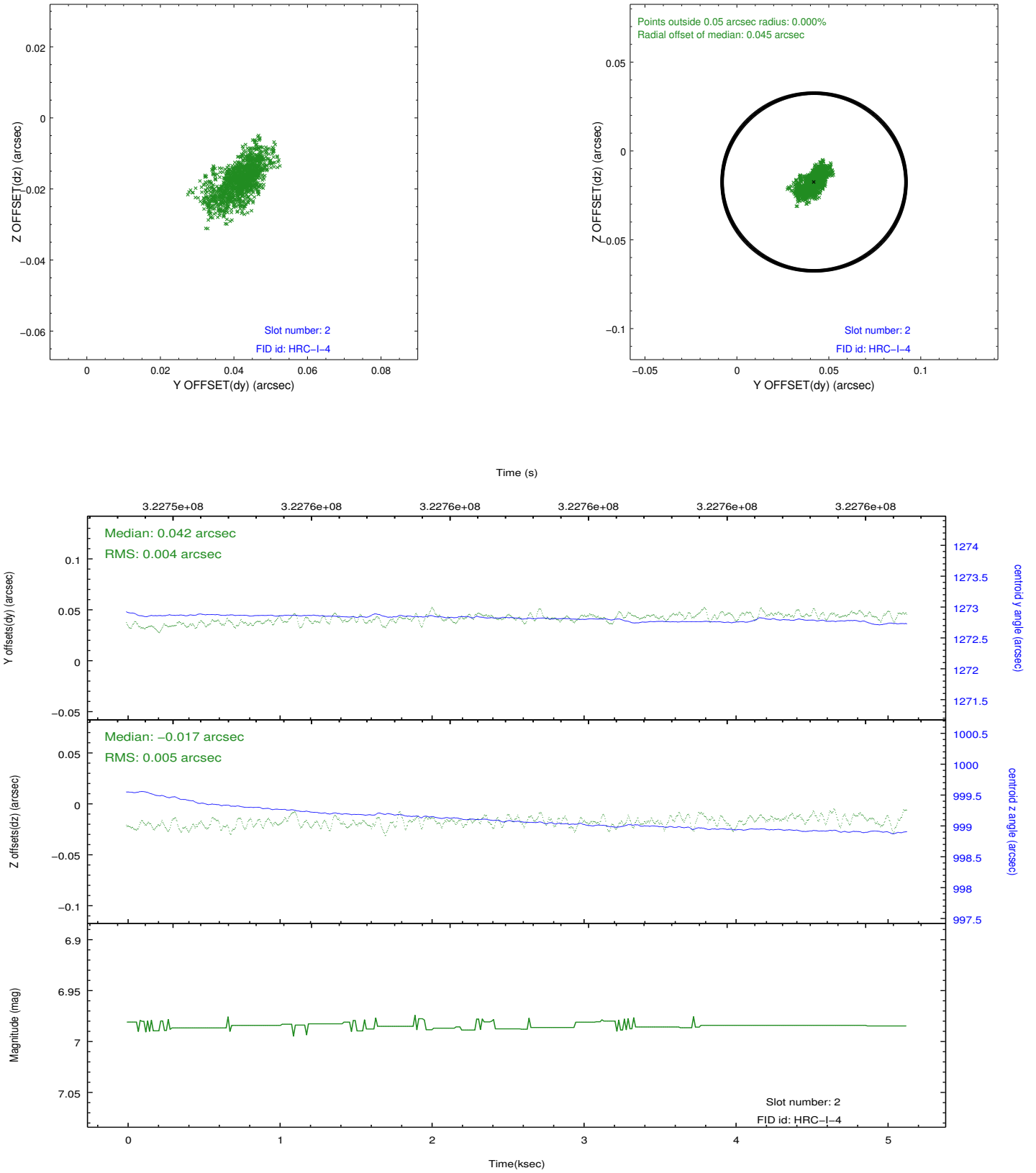
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.13320025

A.2 Comments

Window preference met.