

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 17325 - L2 Version 1
Chandra X-Ray Center

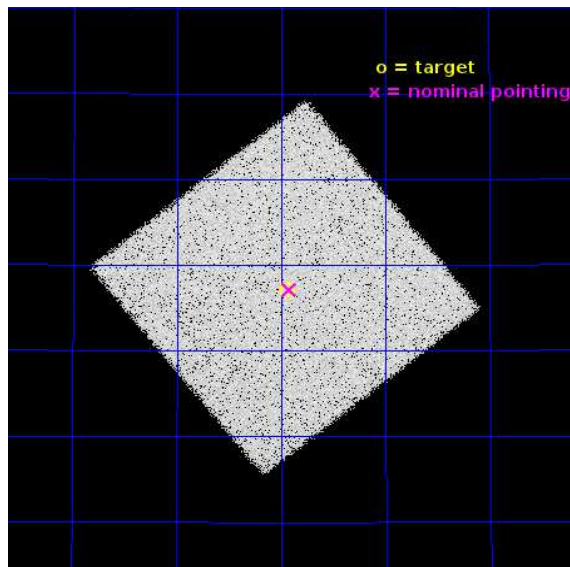
L2 Processing Date : Jul 7 2015

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1 Front

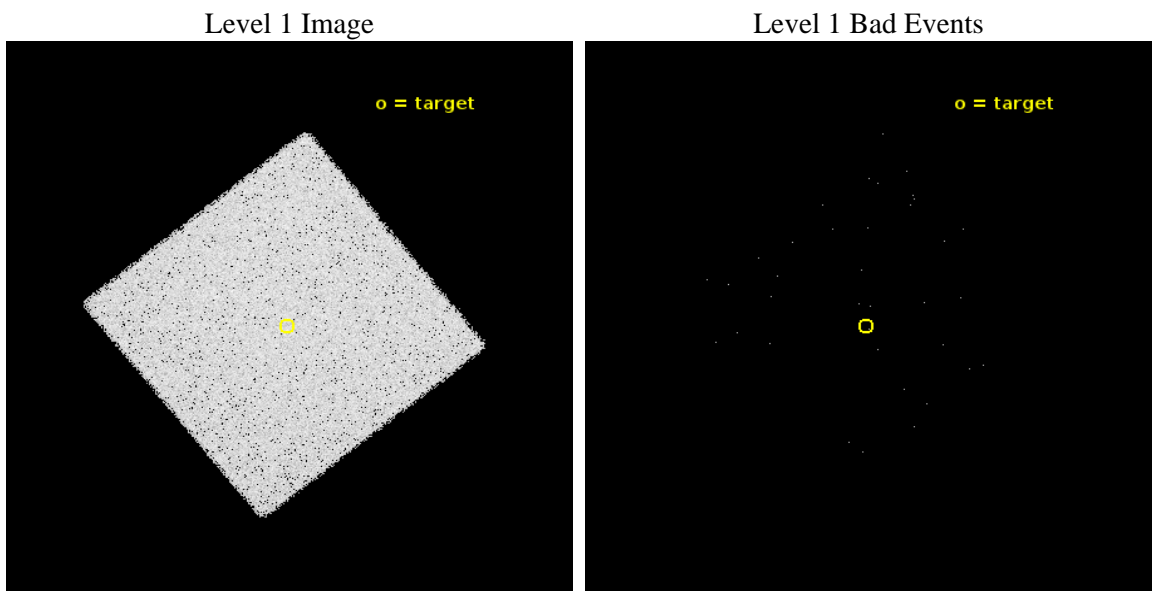
seq_num	291198	Sequence number
obs_id	17325	Observation id
title	AO-16 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235833	Observer's specified target RA [deg]
dec_targ	38.78475	Observer's specified target Dec [deg]
ra_nom	279.23046584851	Nominal RA [deg]
dec_nom	38.785723515943	Nominal Dec [deg]
roll_nom	186.29304435262	Nominal Roll [deg]
revision	1	Processing version of data
ontime	2182.4813729525	[s]
liveltime	2164.4856136372	Ontime multiplied by DTCOR
l2events	144338	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	2182.4813729525	[s]
caldbver	4.6.7	 	l1events	259983	Number of level 1 events
date	2015-07-07T05:45:25	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

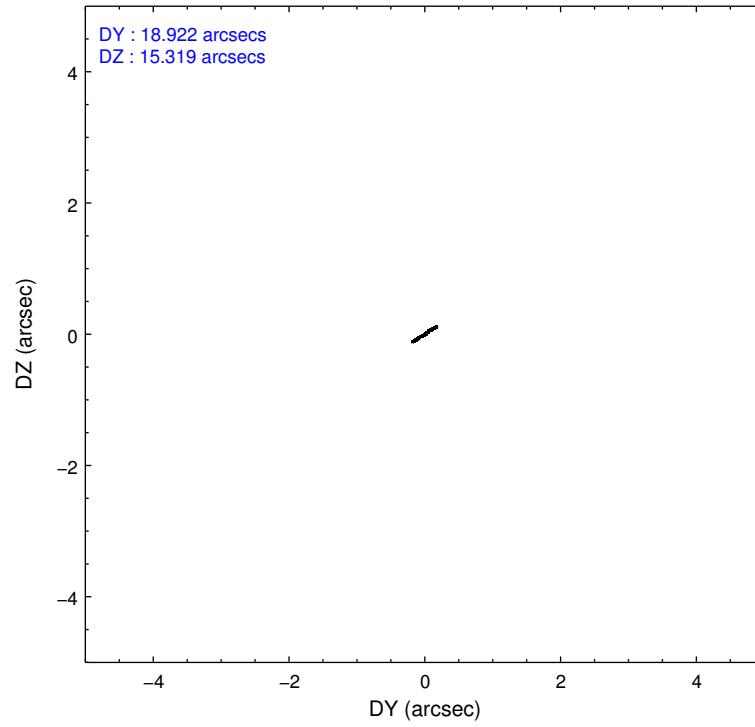
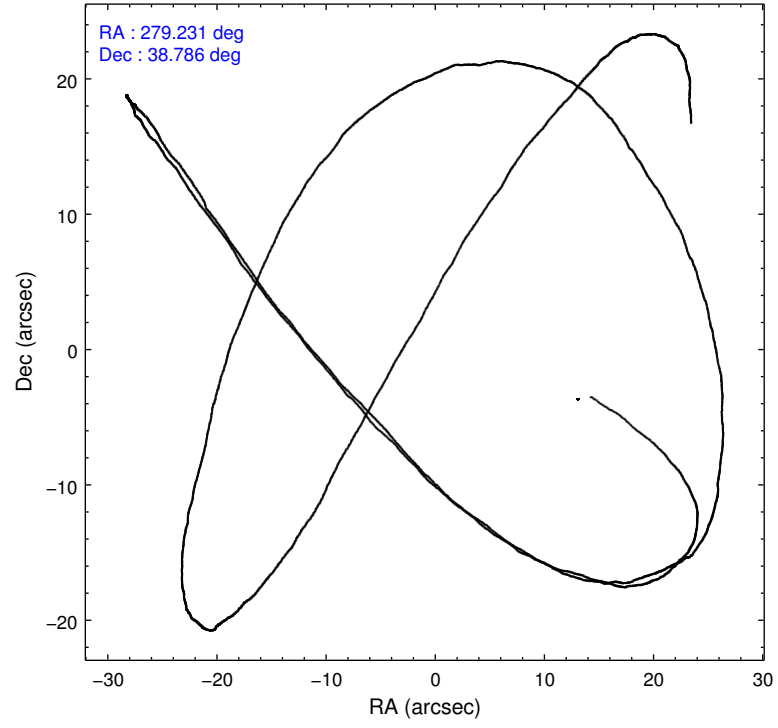
Level 1 Events

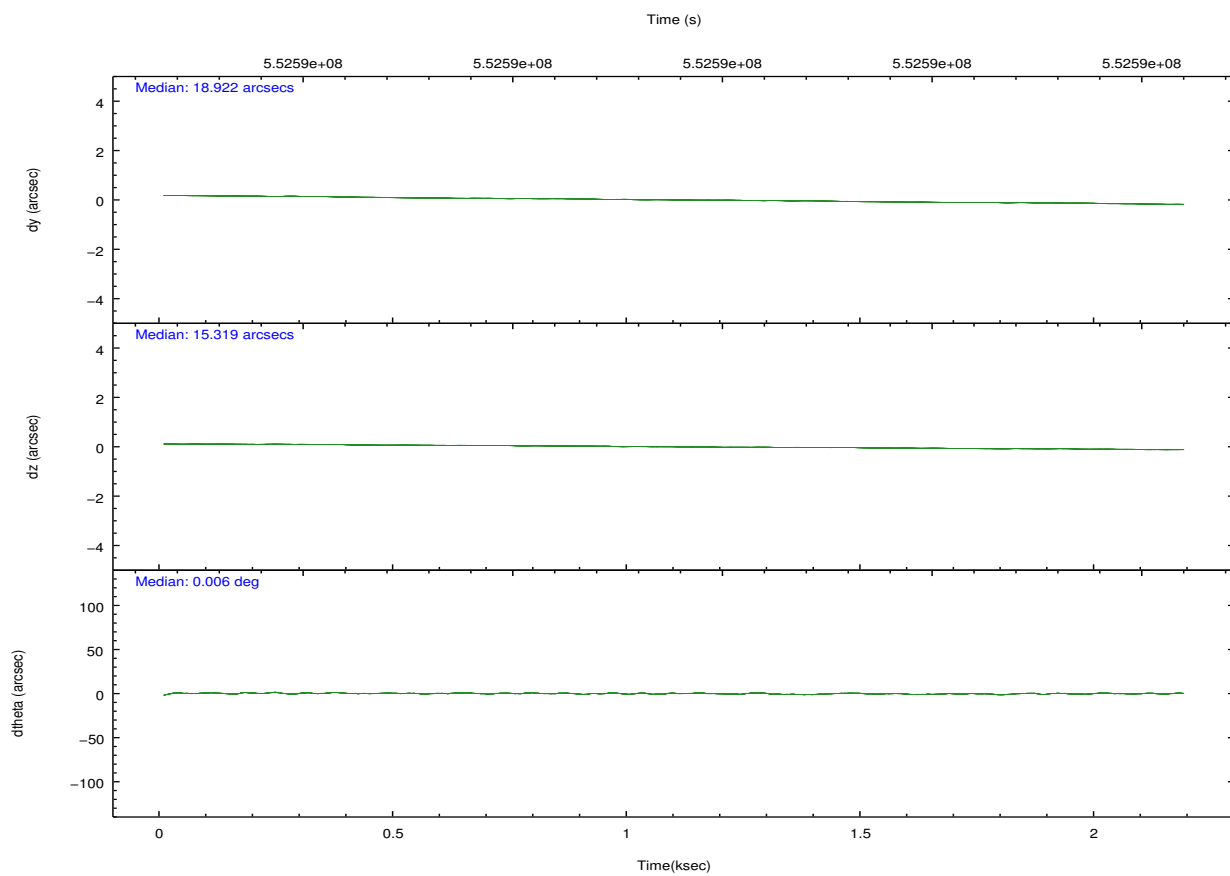
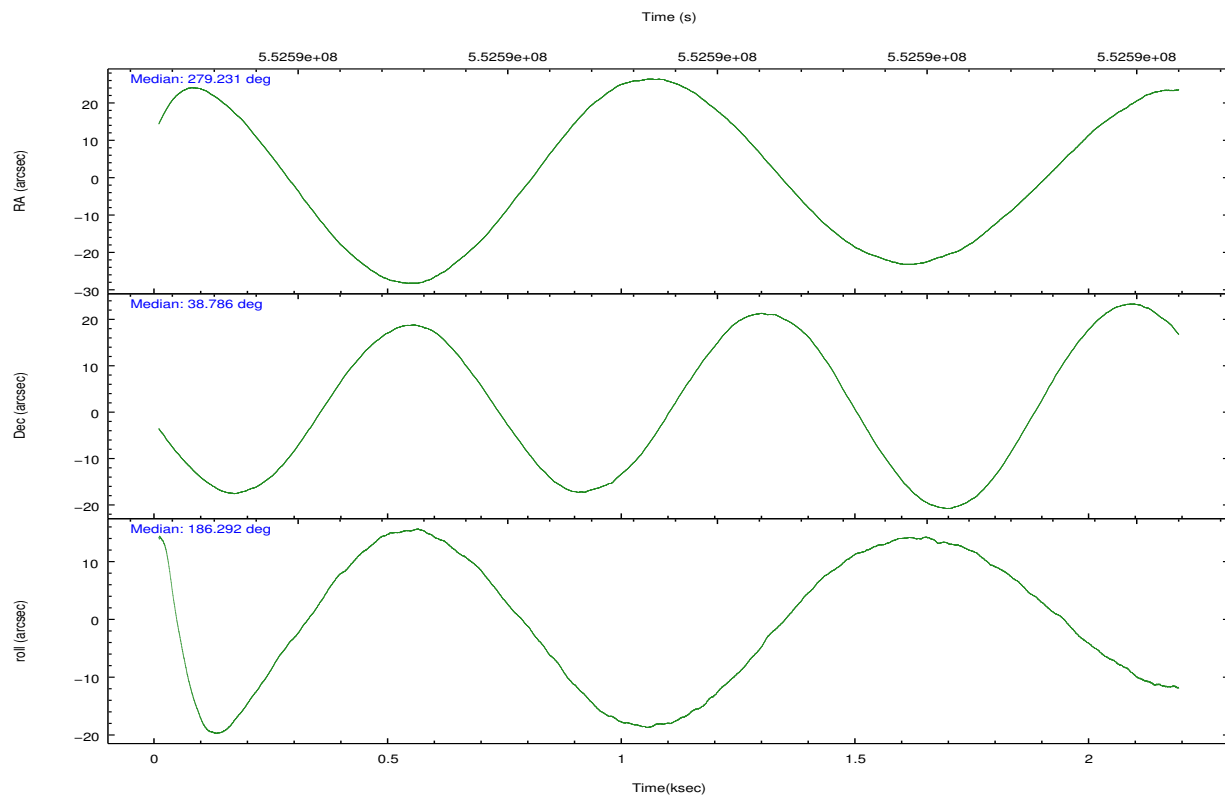
	segment 0
level 1 events	259983
rejected events	66704
rejected %	25%

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	279.258252	279.2304658485082			
[deg] Pointing Dec	38.802471	38.78572351594331			
[deg] Pointing Roll	186.370934	186.2930443526162			
[s] Window start time (MET)	549504067.184000	549504067.184000			
[s] Window stop time (MET)	554688068.184000	554688068.184000			
[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)	552591490.184000	552590560.03048			
Observation start date	2015-07-06T17:37:02	2015-07-06T17:22:40			
[s] Observation end time (MET)	552593490.184000	552593626.83065			
Observation end date	2015-07-06T18:10:22	2015-07-06T18:13:46			

2.3 Aspect



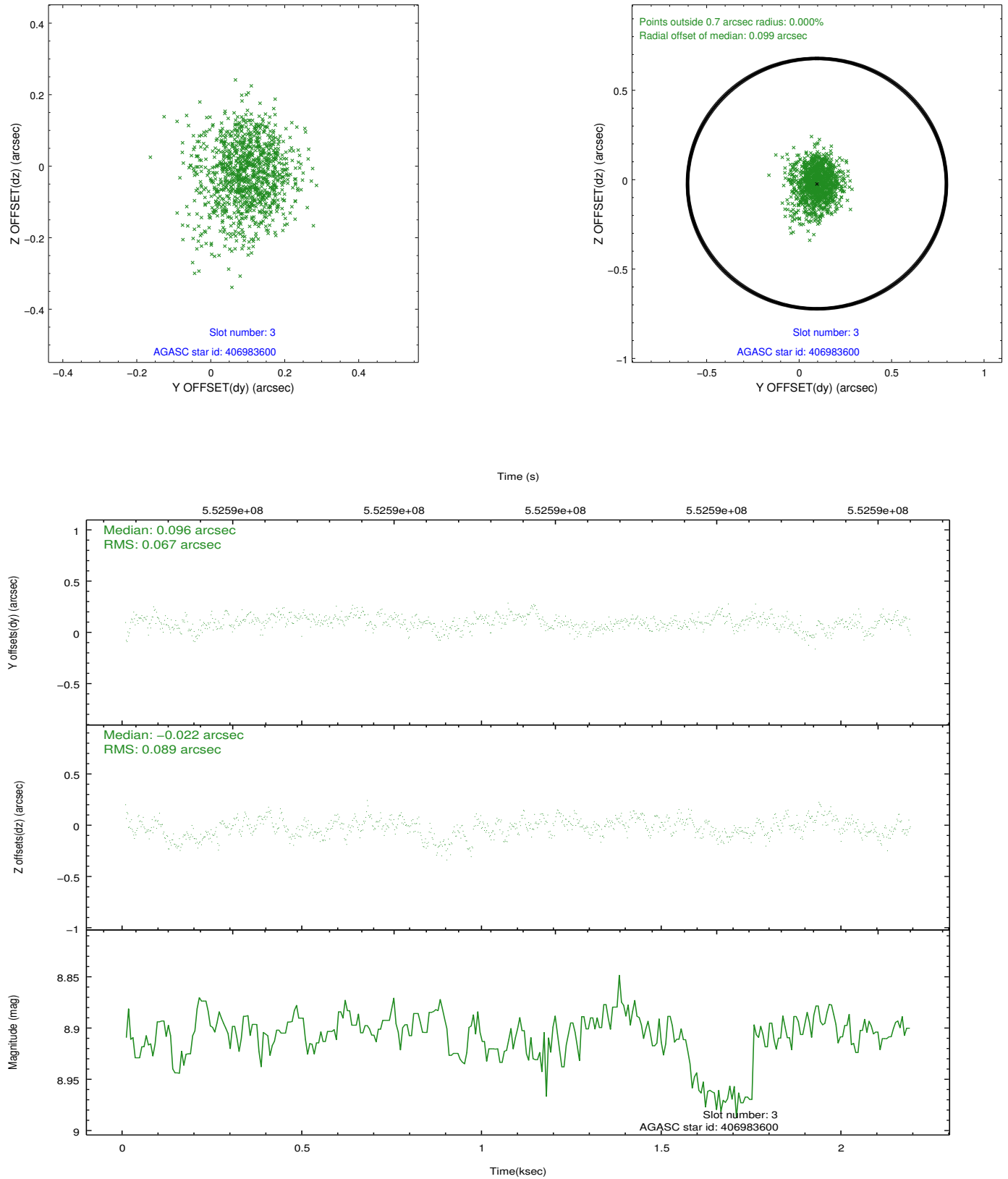


Slot Statistics

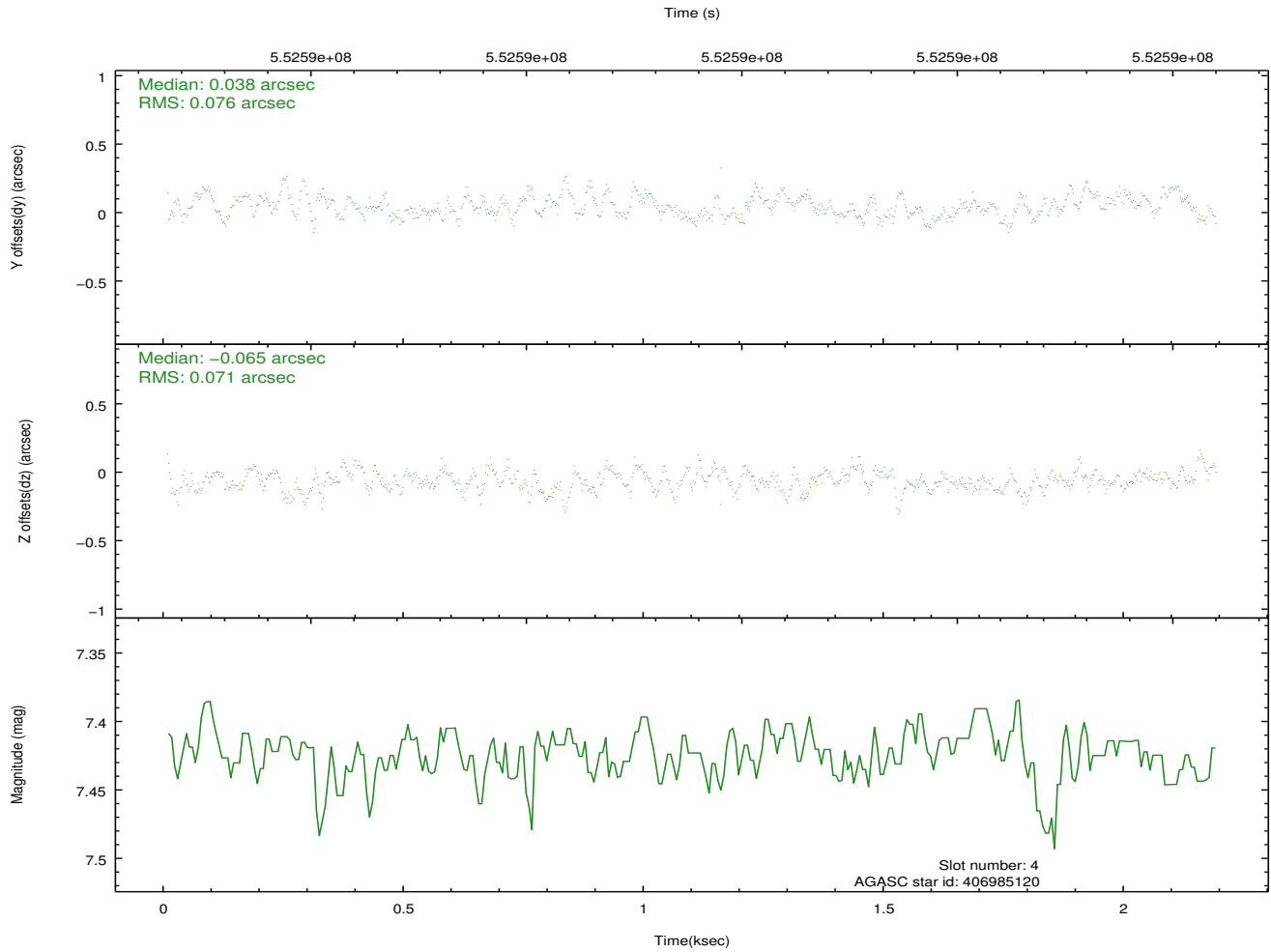
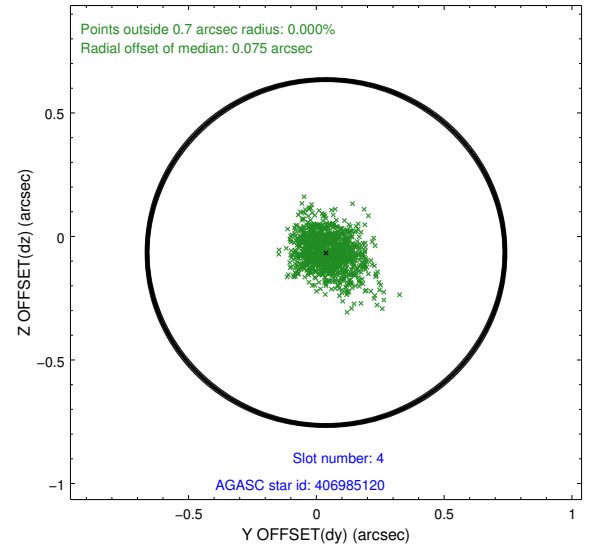
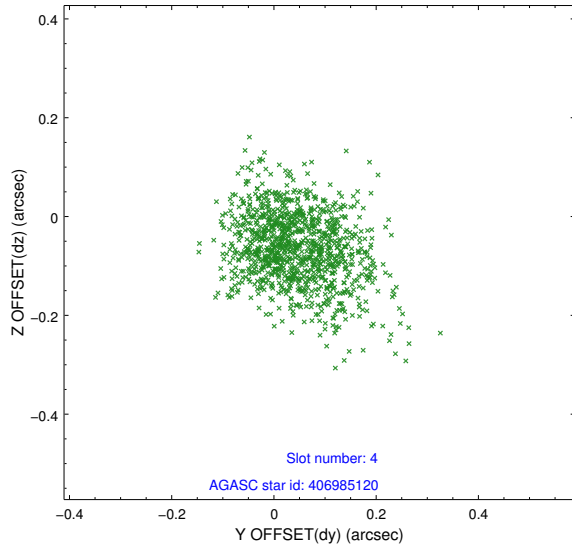
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.01	533	-0.166	0.003	0.007	0.011	0.000000	0.000000	-774.94	-1303.45
1	FID		HRC-I-2	7.05	533	0.299	-0.099	0.006	0.010	0.000000	0.000000	836.70	-1307.49
2	FID		HRC-I-3	7.10	532	-0.014	0.006	0.005	0.009	0.000000	0.000000	-1201.80	998.64
3	GUIDE	used	406983600	8.90	1066	0.096	-0.022	0.119	0.195	279.940957	39.020708	-1986.38	-574.66
4	GUIDE	used	406985120	7.42	1065	0.038	-0.065	0.109	0.179	278.839732	38.894839	1126.80	-463.91
5	GUIDE	used	406987272	6.94	1066	-0.677	-0.439	0.088	0.147	278.536588	38.437504	2168.46	1070.30
6	GUIDE	used	407513096	8.12	1066	0.281	0.333	0.103	0.170	279.928965	39.436841	-2104.81	-2068.34
7	GUIDE	used	407521232	8.62	1065	0.252	0.192	0.109	0.174	279.628883	39.431715	-1277.16	-2140.86

2.4 Star Slots

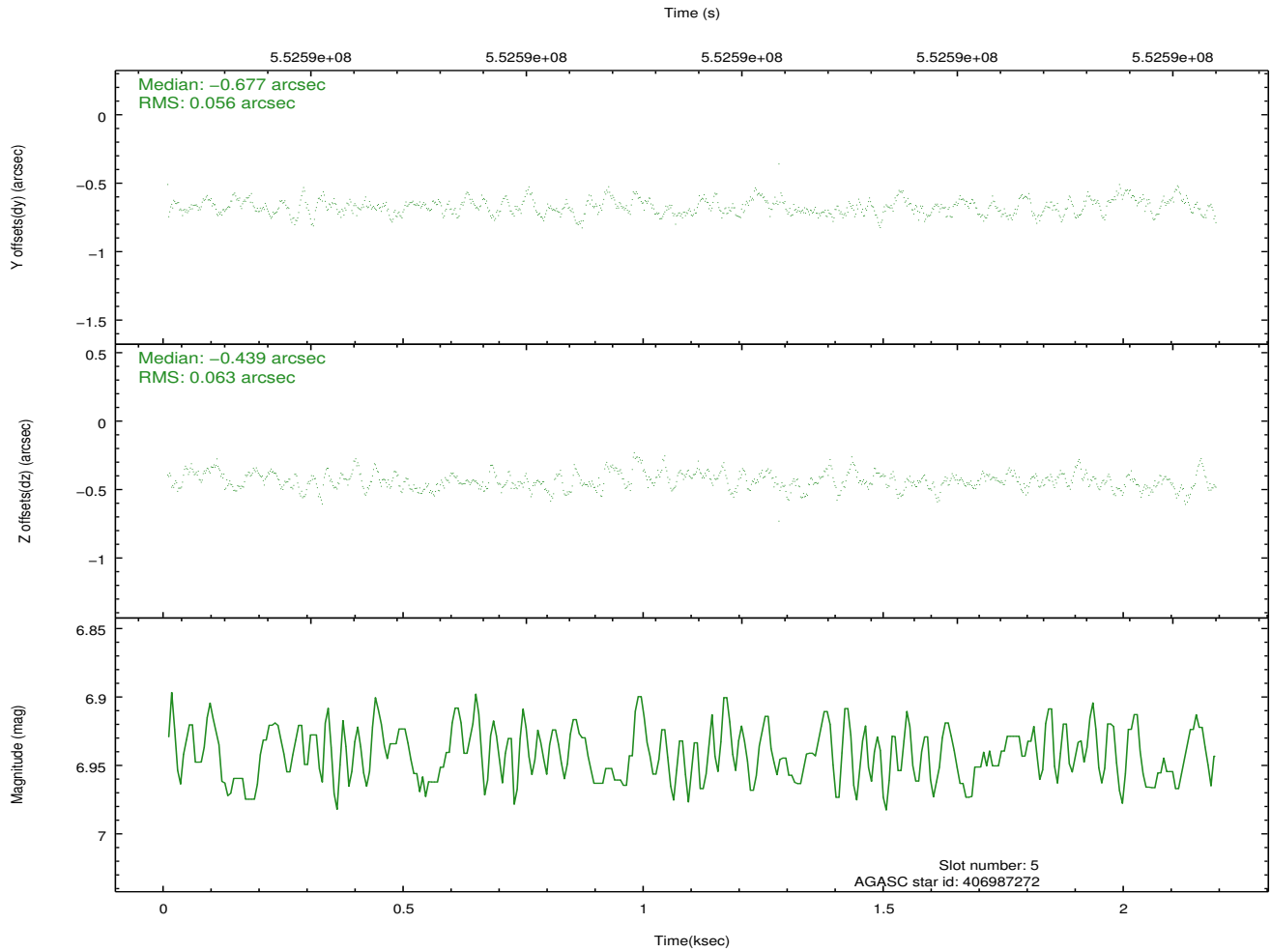
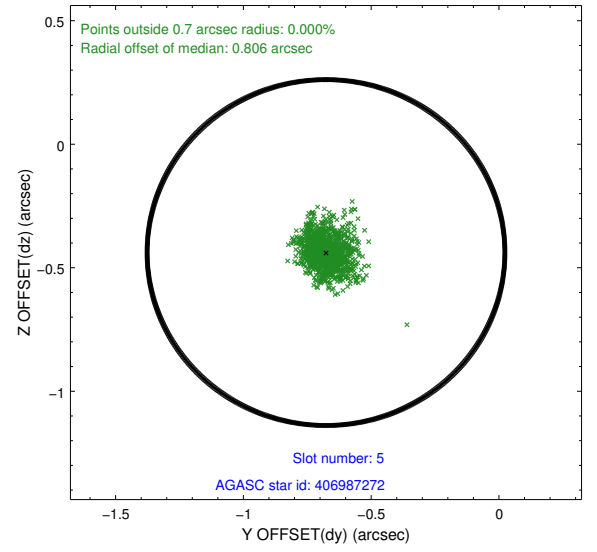
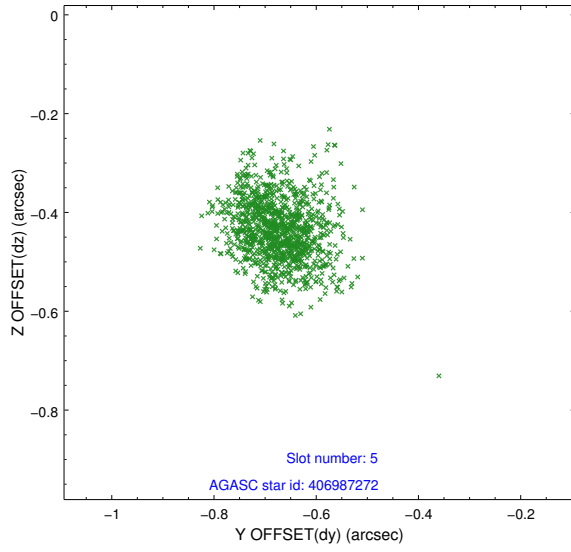
2.4.1 Slot 3



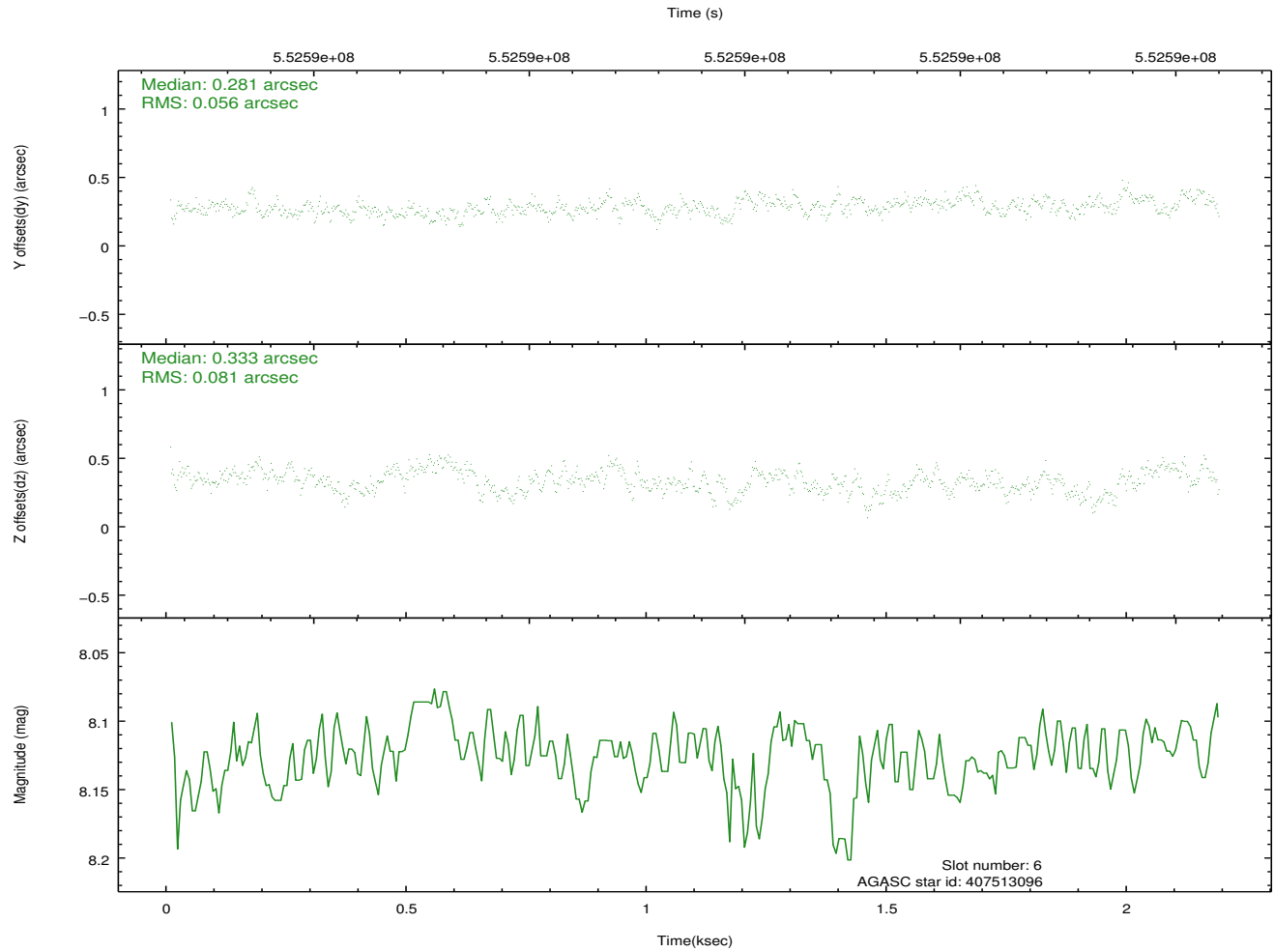
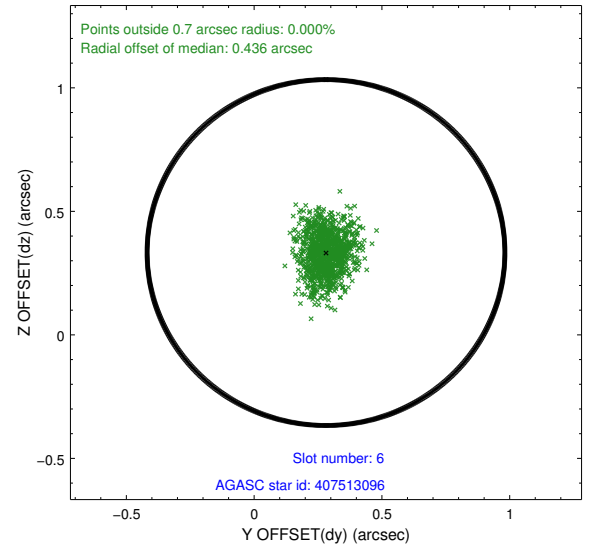
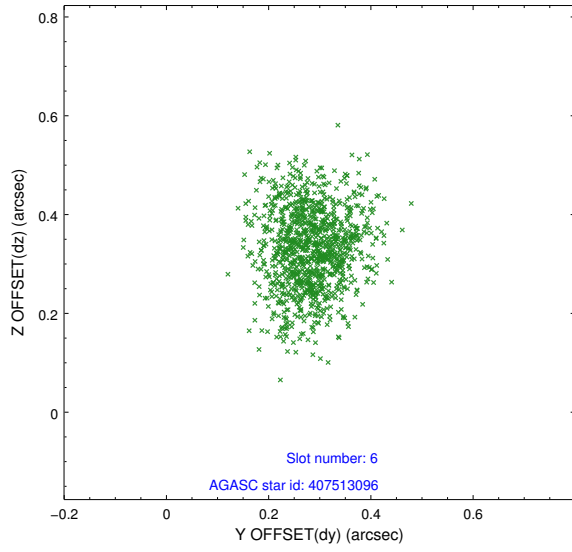
2.4.2 Slot 4



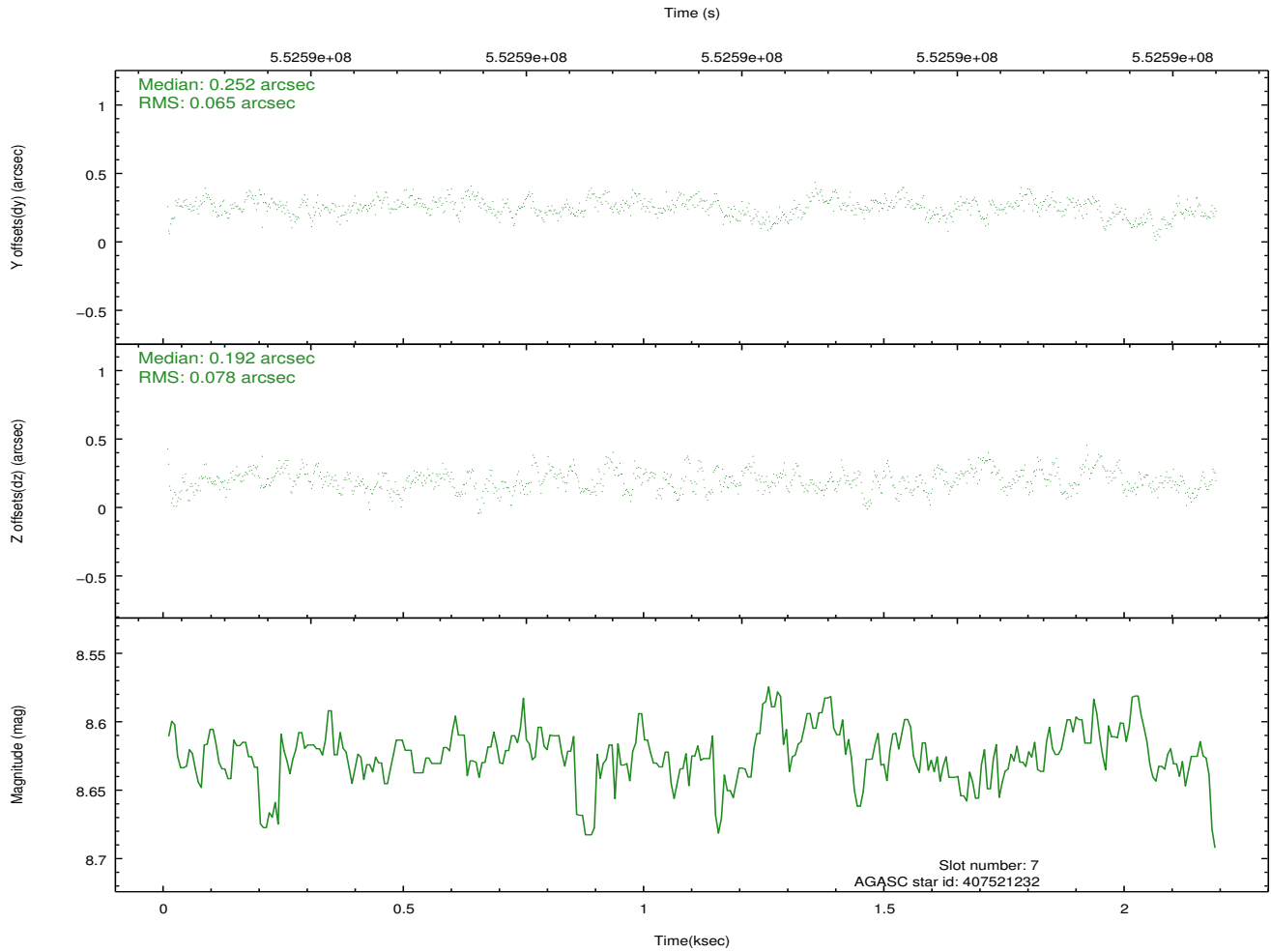
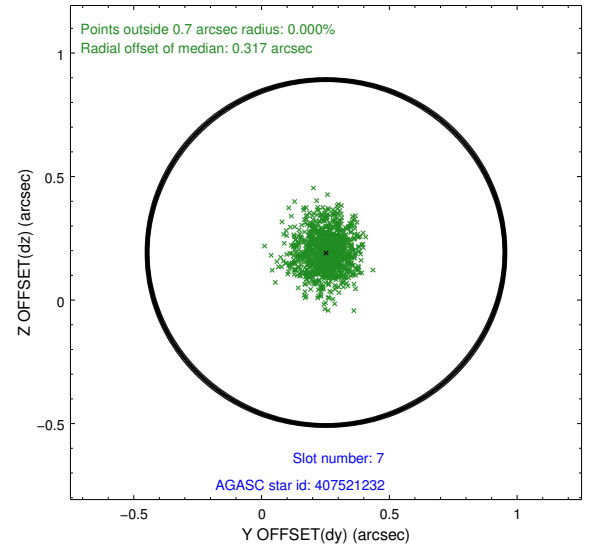
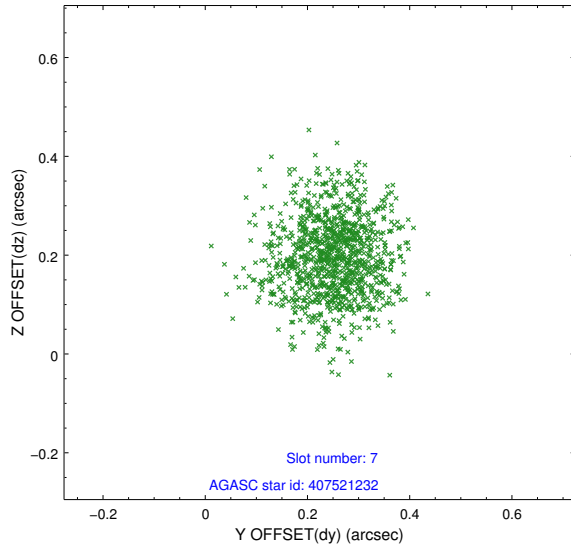
2.4.3 Slot 5



2.4.4 Slot 6

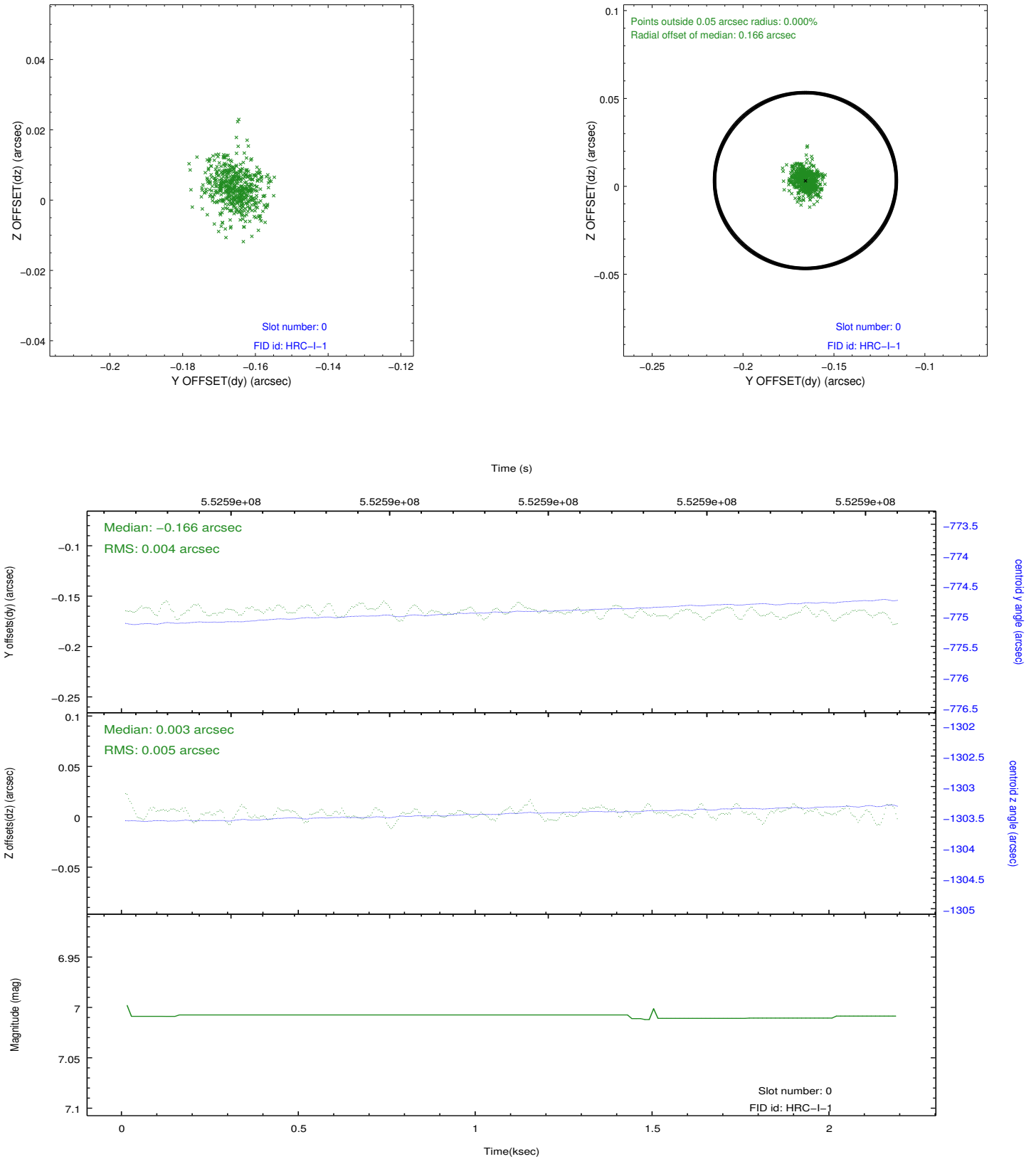


2.4.5 Slot 7

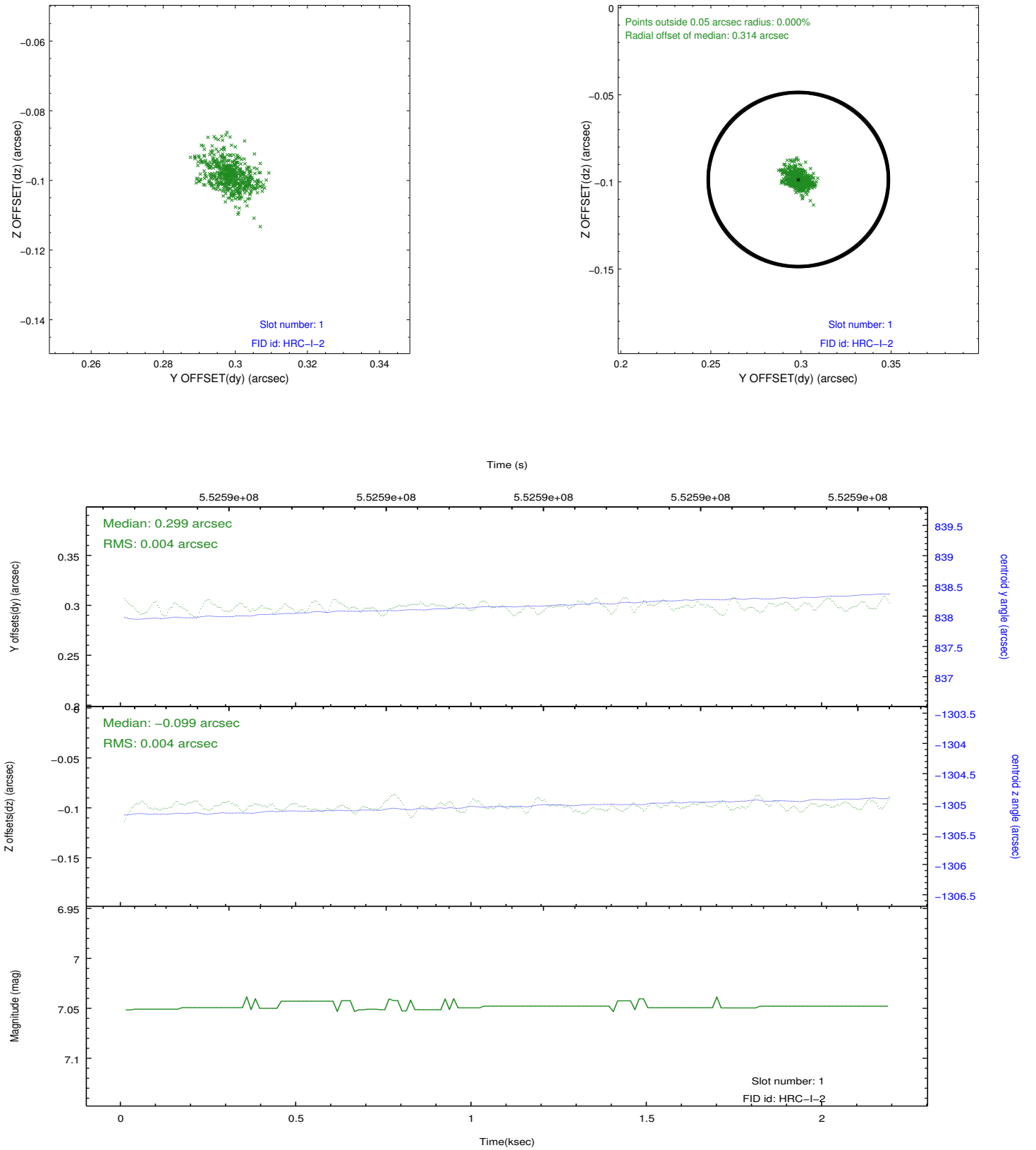


2.5 FID Slots

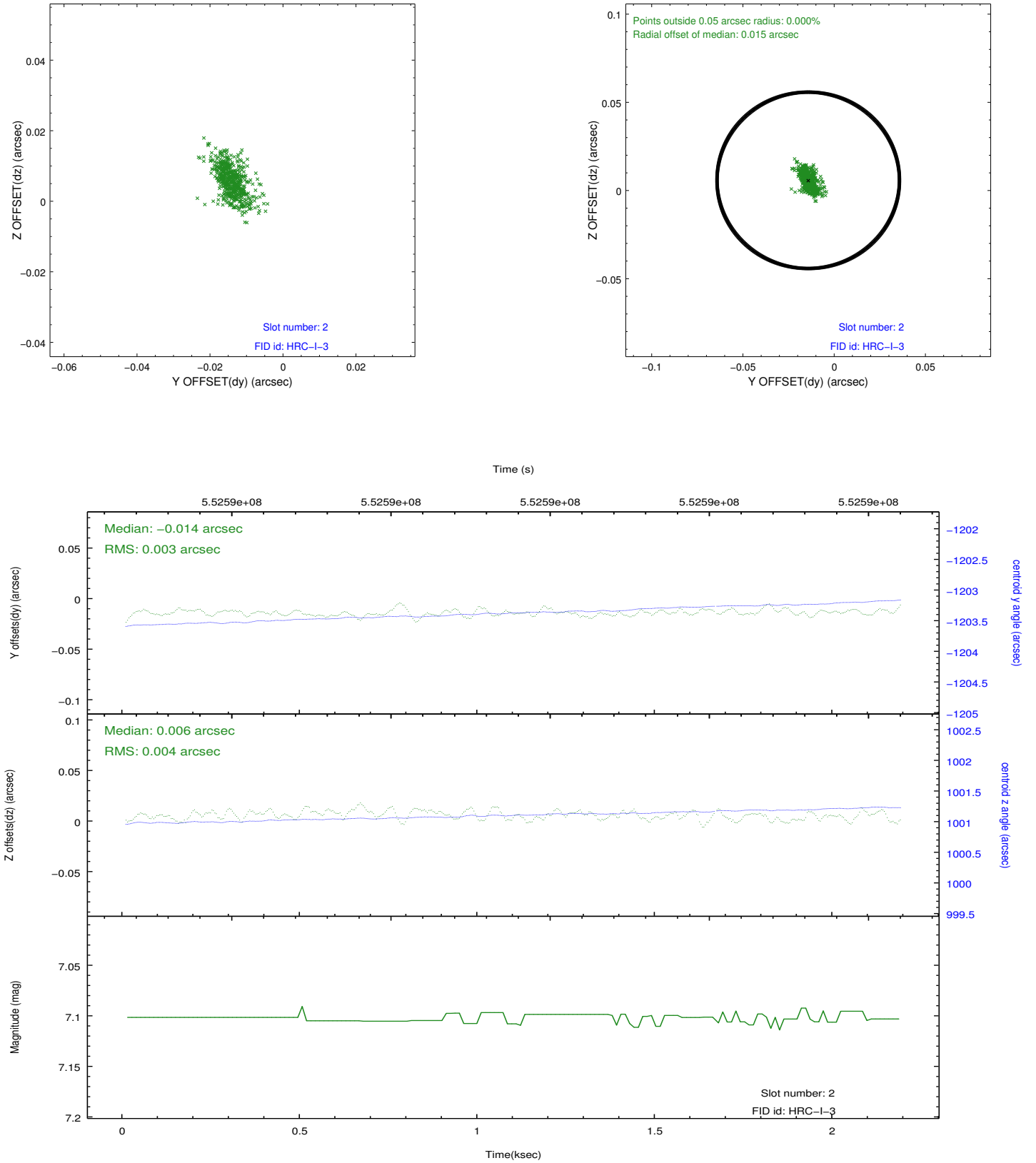
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1824813729525

A.2 Comments