

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10080 - L2 Version 3
Chandra X-Ray Center

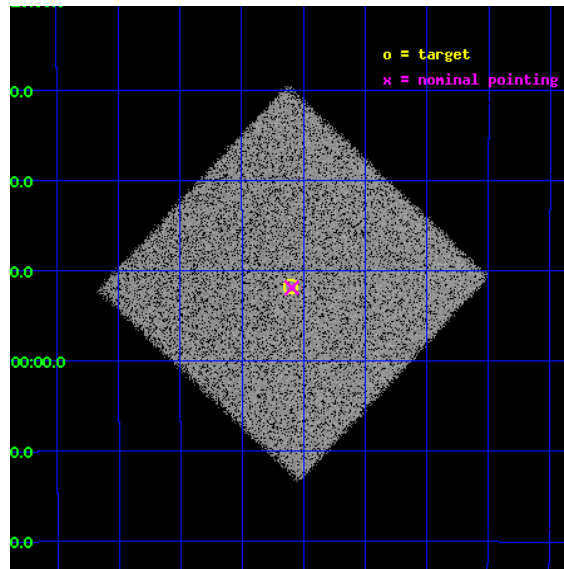
L2 Processing Date : Aug 13 2012

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1 Front

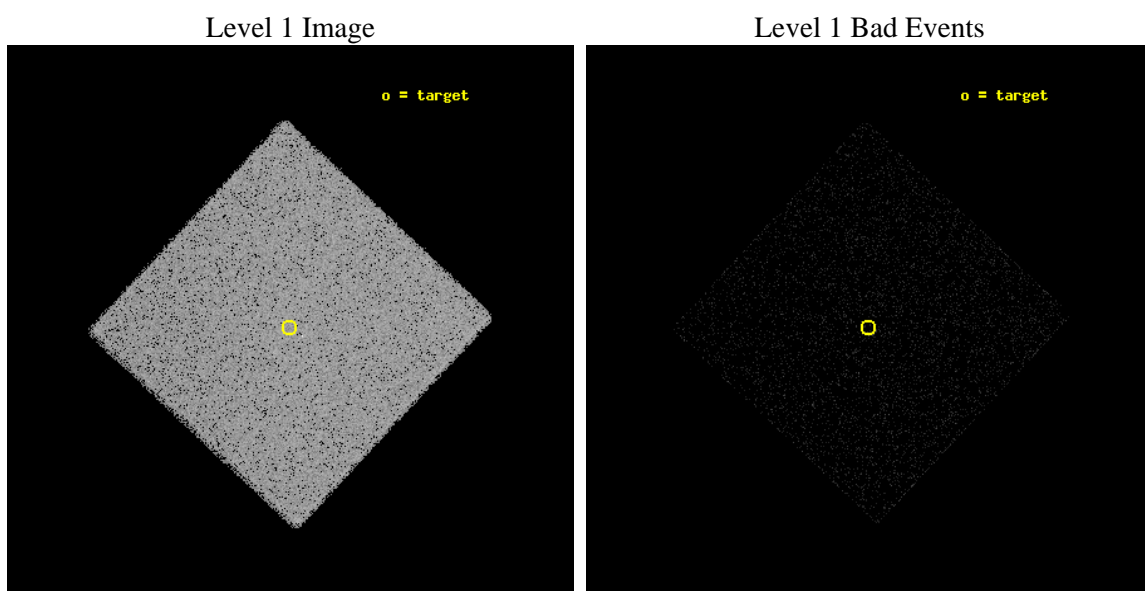
seq_num	401043	Sequence number
obs_id	10080	Observation id
title	Precise Chandra position determinations of compact binary candidates-faint persistent INTEGRAL sources in the bulge	Proposal title
observer	Dr. Mikhail Revnivtsev	Principal investigator
object	IGR J17475-2253	Source name
ra_targ	266.900833	Observer's specified target RA [deg]
dec_targ	-22.862	Observer's specified target Dec [deg]
ra_nom	266.89839410606	Nominal RA [deg]
dec_nom	-22.86542686642	Nominal Dec [deg]
roll_nom	268.15459031464	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1184.1313092709	[s]
livetime	1169.7478127177	Ontime multiplied by DTCOR
l2events	88930	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1184.1313092709	[s]
caldsver	4.5.1.1	 	l1events	196469	Number of level 1 events
date	2012-08-13T11:31:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

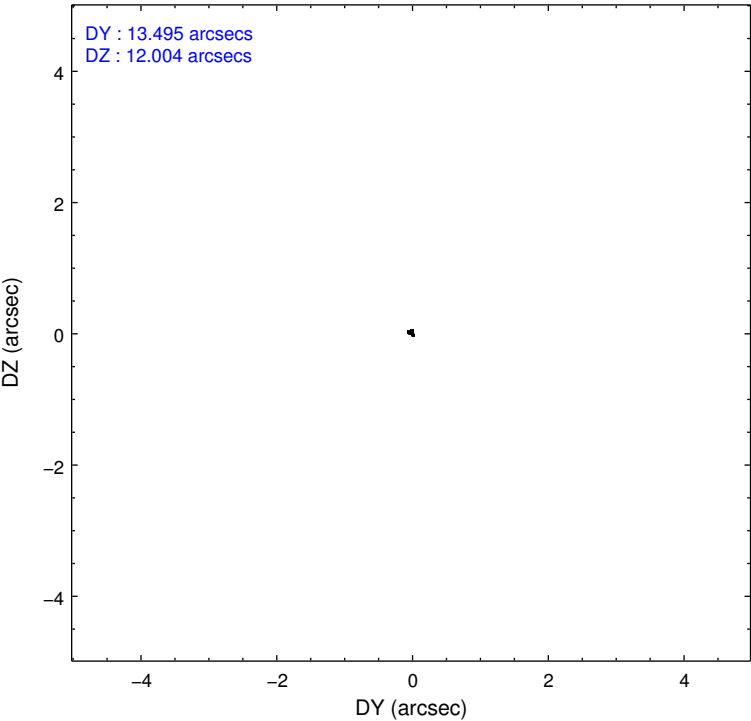
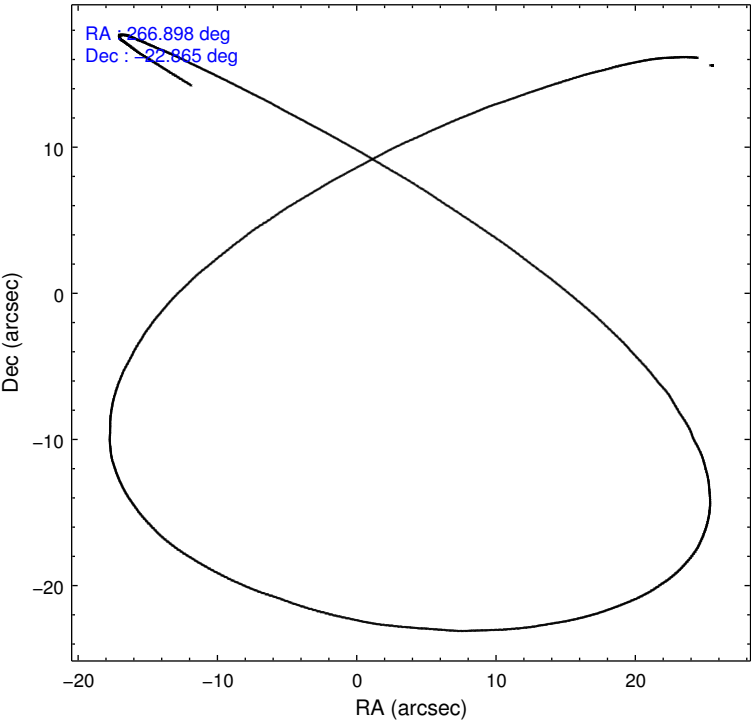
Level 1 Events

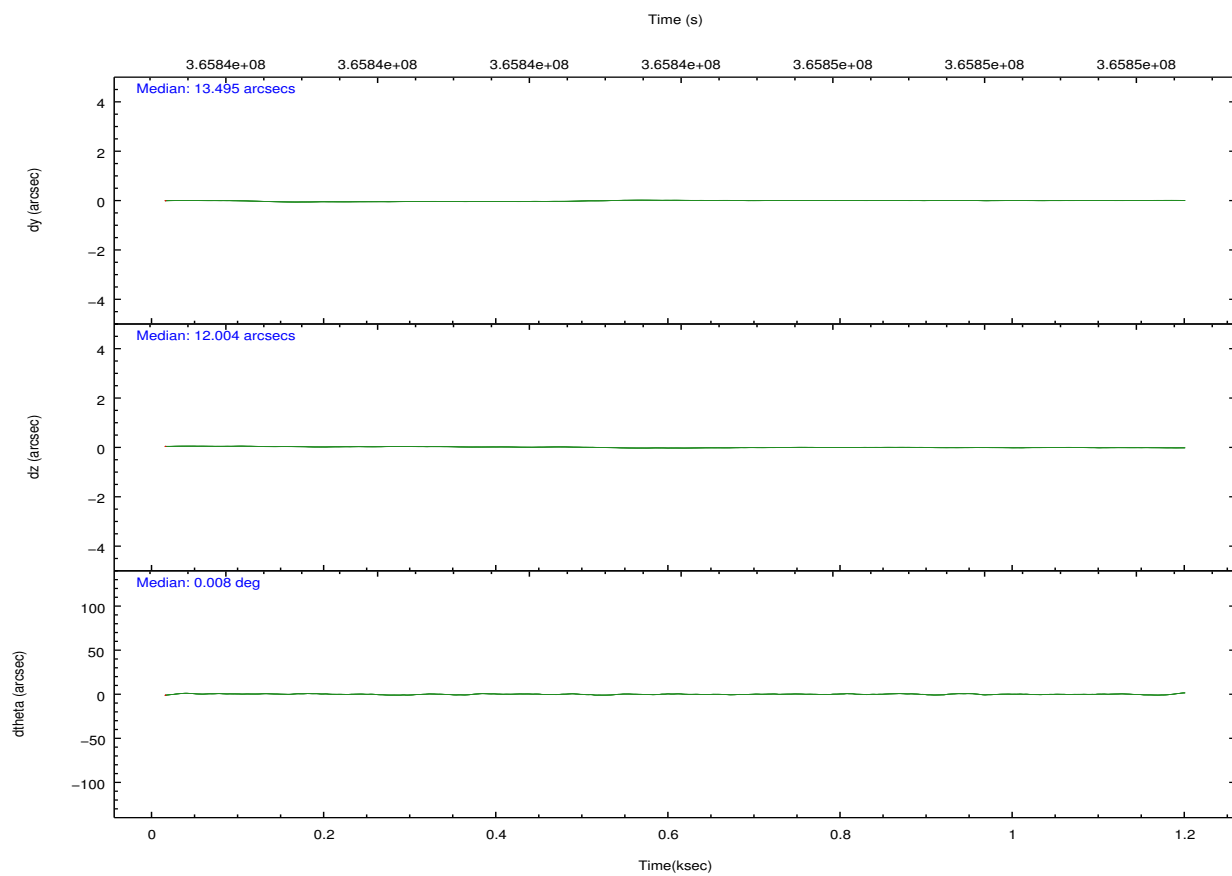
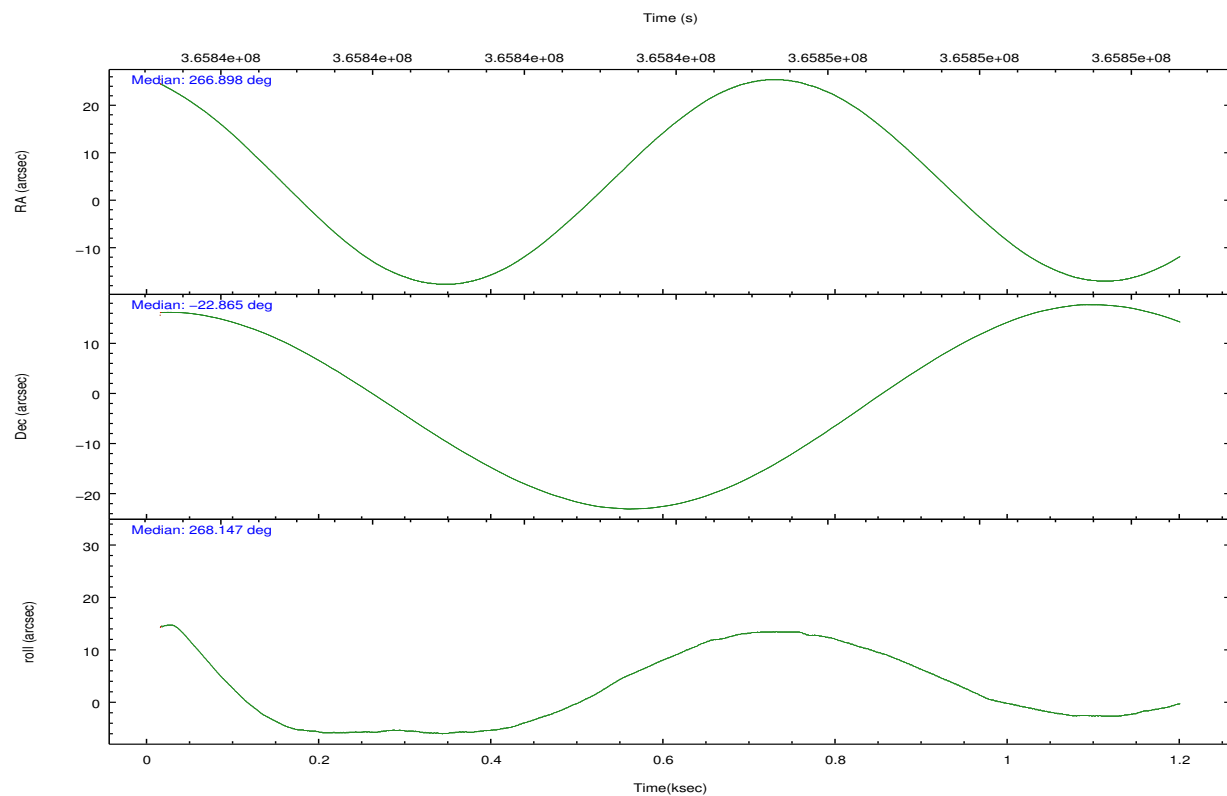
	segment 0
level 1 events	196469
rejected events	66877
rejected %	34%

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	266.884485	266.8983941060586			
[deg] Pointing Dec	-22.842196	-22.86542686641965			
[deg] Pointing Roll	268.244647	268.1545903146446			
[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)	365844585.184000	365844007.94033			
Observation start date	2009-08-05T07:28:39	2009-08-05T07:20:07			
[s] Observation end time (MET)	365845585.184000	365845841.15292			
Observation end date	2009-08-05T07:45:19	2009-08-05T07:50:41			

2.3 Aspect



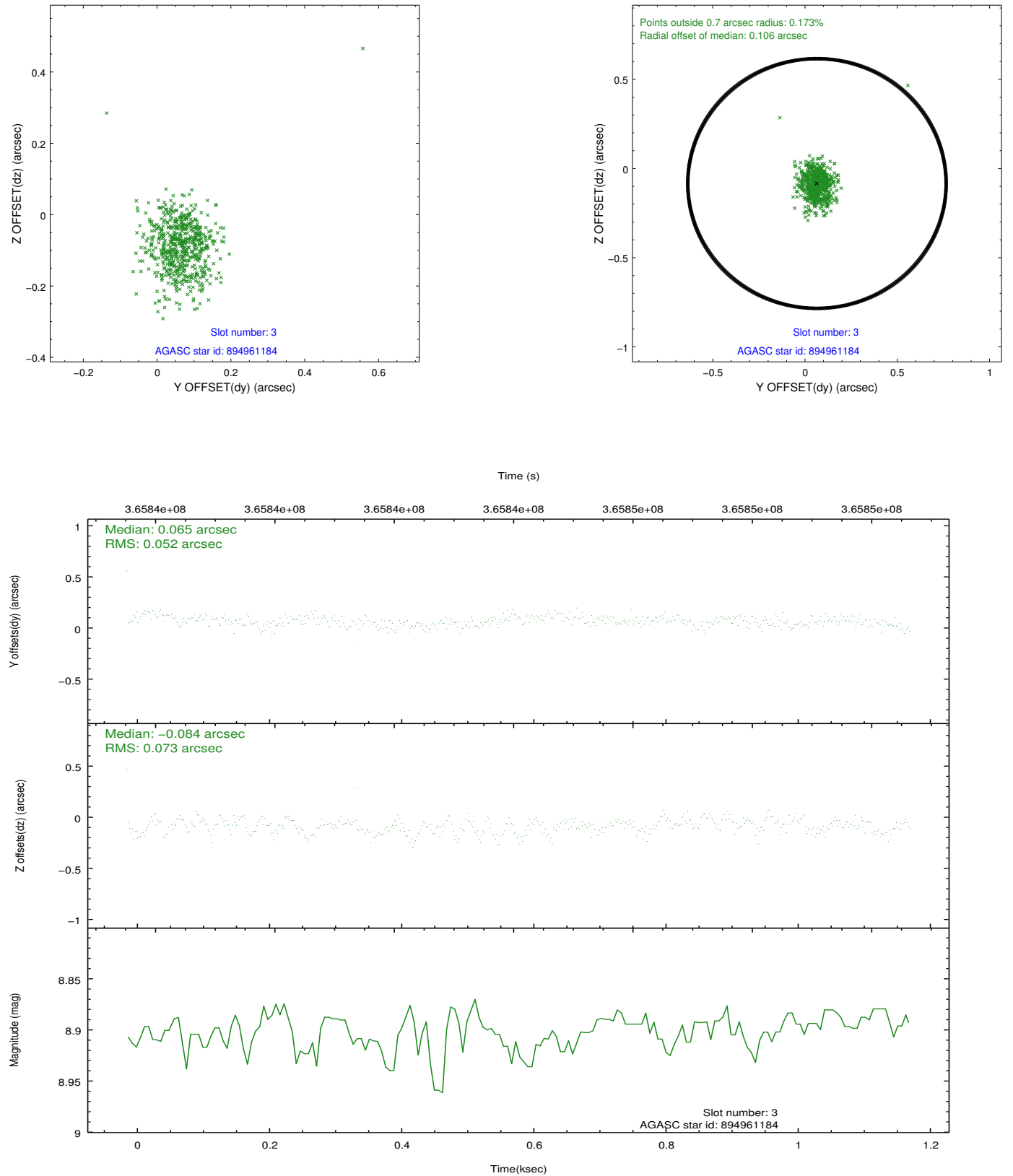


Slot Statistics

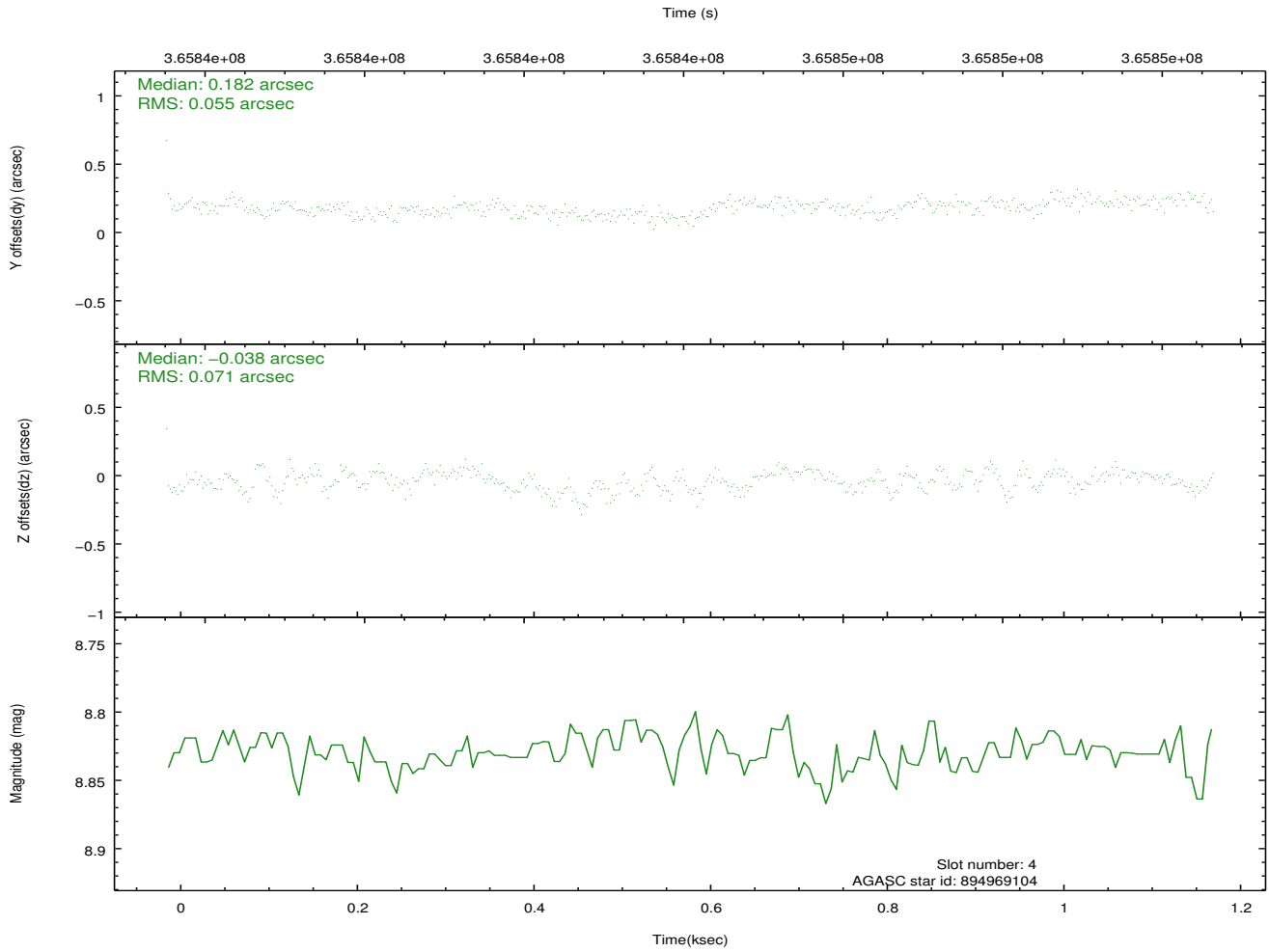
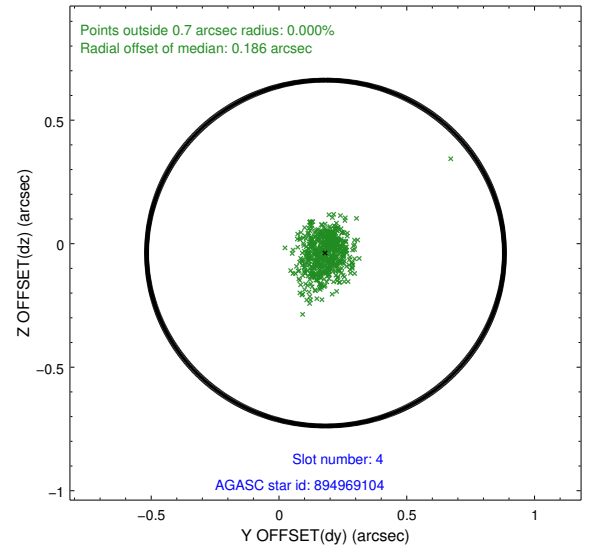
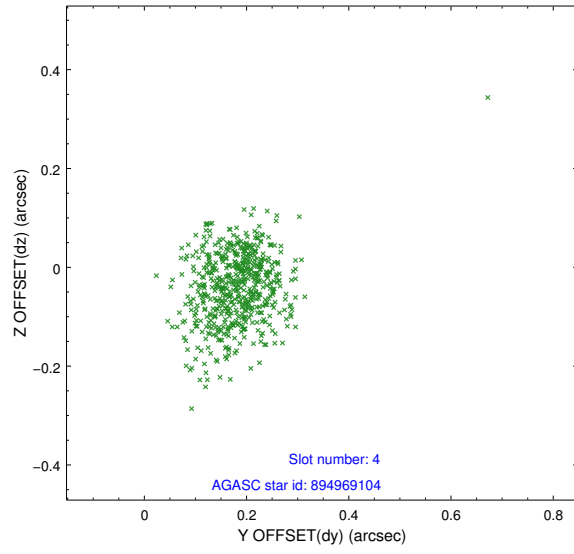
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.03	290	0.145	-0.131	0.007	0.011	0.000000	0.000000	843.55	-1301.70
1	FID	HRC-I-3	7.08	289	-0.159	0.087	0.006	0.012	0.000000	0.000000	-1194.98	1000.13
2	FID	HRC-I-4	7.01	290	0.133	-0.043	0.007	0.011	0.000000	0.000000	1269.55	1005.58
3	GUIDE	894961184	8.90	578	0.065	-0.084	0.088	0.147	266.269821	-22.889080	237.65	-2030.15
4	GUIDE	894969104	8.83	578	0.182	-0.038	0.089	0.149	266.504164	-22.625167	-737.93	-1288.57
5	GUIDE	894971192	8.77	579	-0.045	0.036	0.072	0.128	267.277090	-23.447744	2141.75	1363.12
6	GUIDE	894964032	7.65	579	-0.234	0.057	0.056	0.093	266.148650	-22.946269	461.04	-2421.93
7	GUIDE	894971840	8.08	577	0.031	0.051	0.064	0.107	267.336021	-23.369224	1855.97	1547.85

2.4 Star Slots

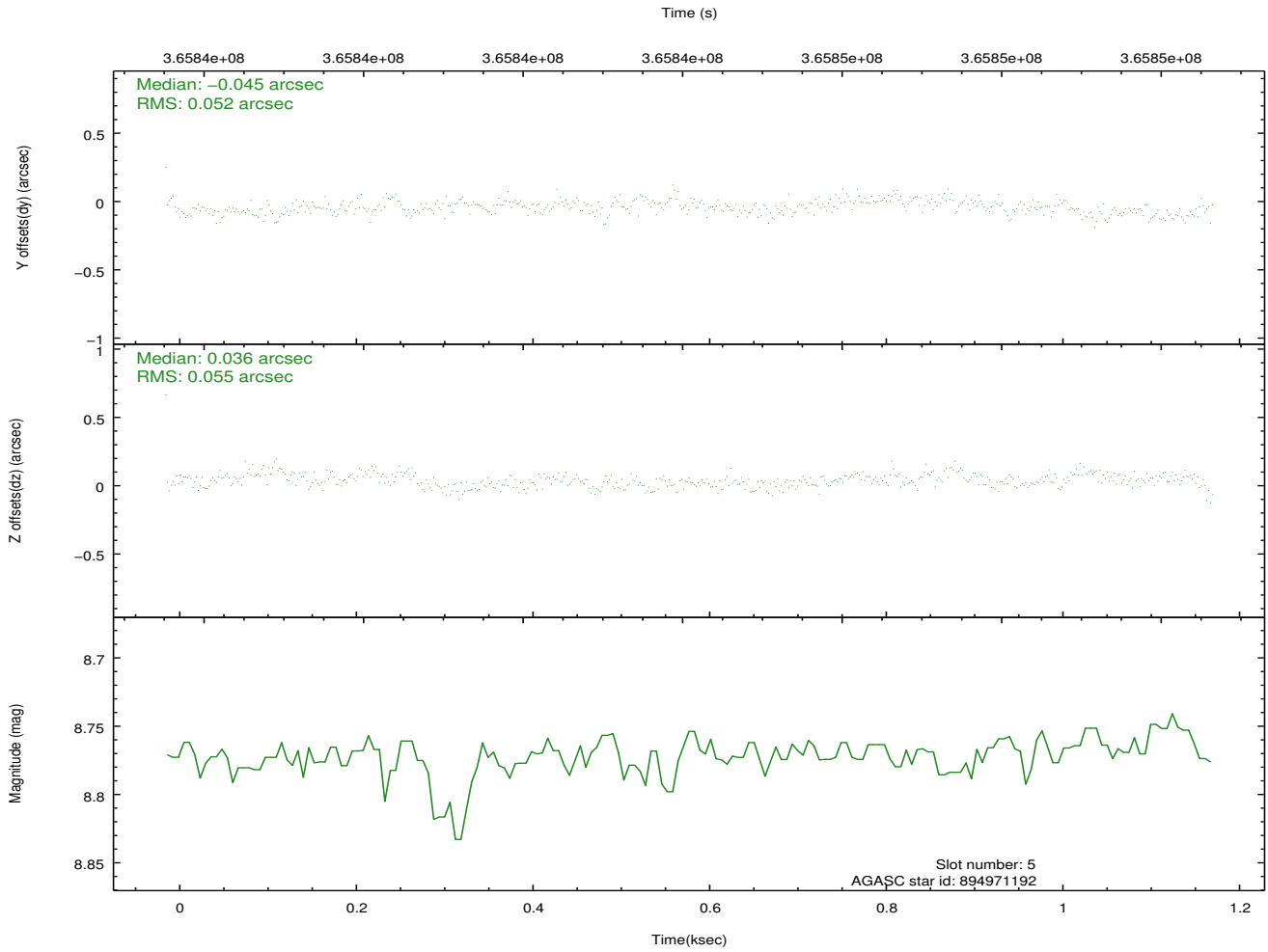
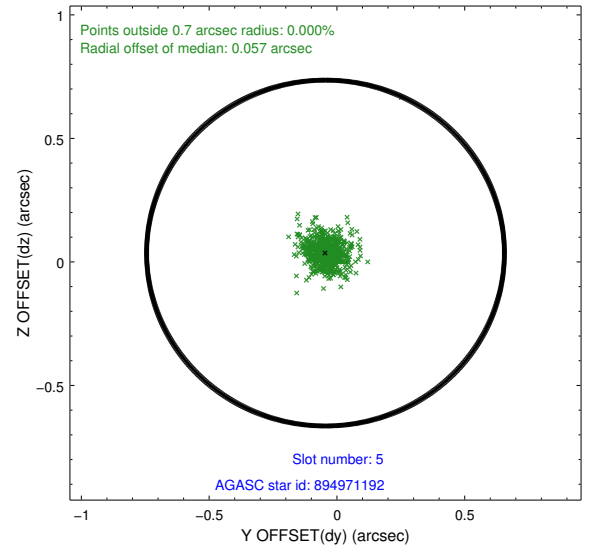
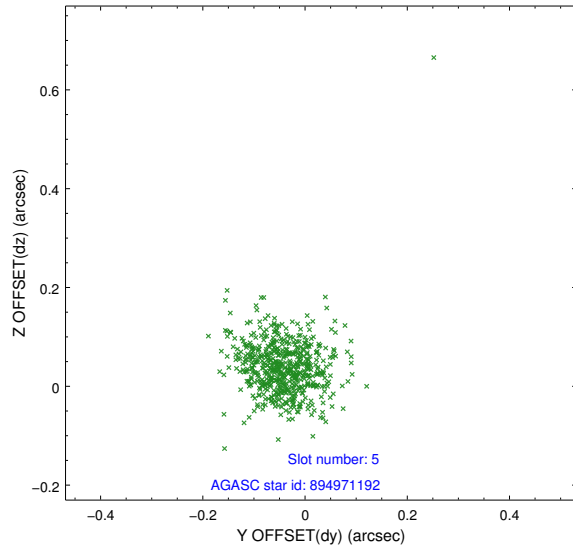
2.4.1 Slot 3



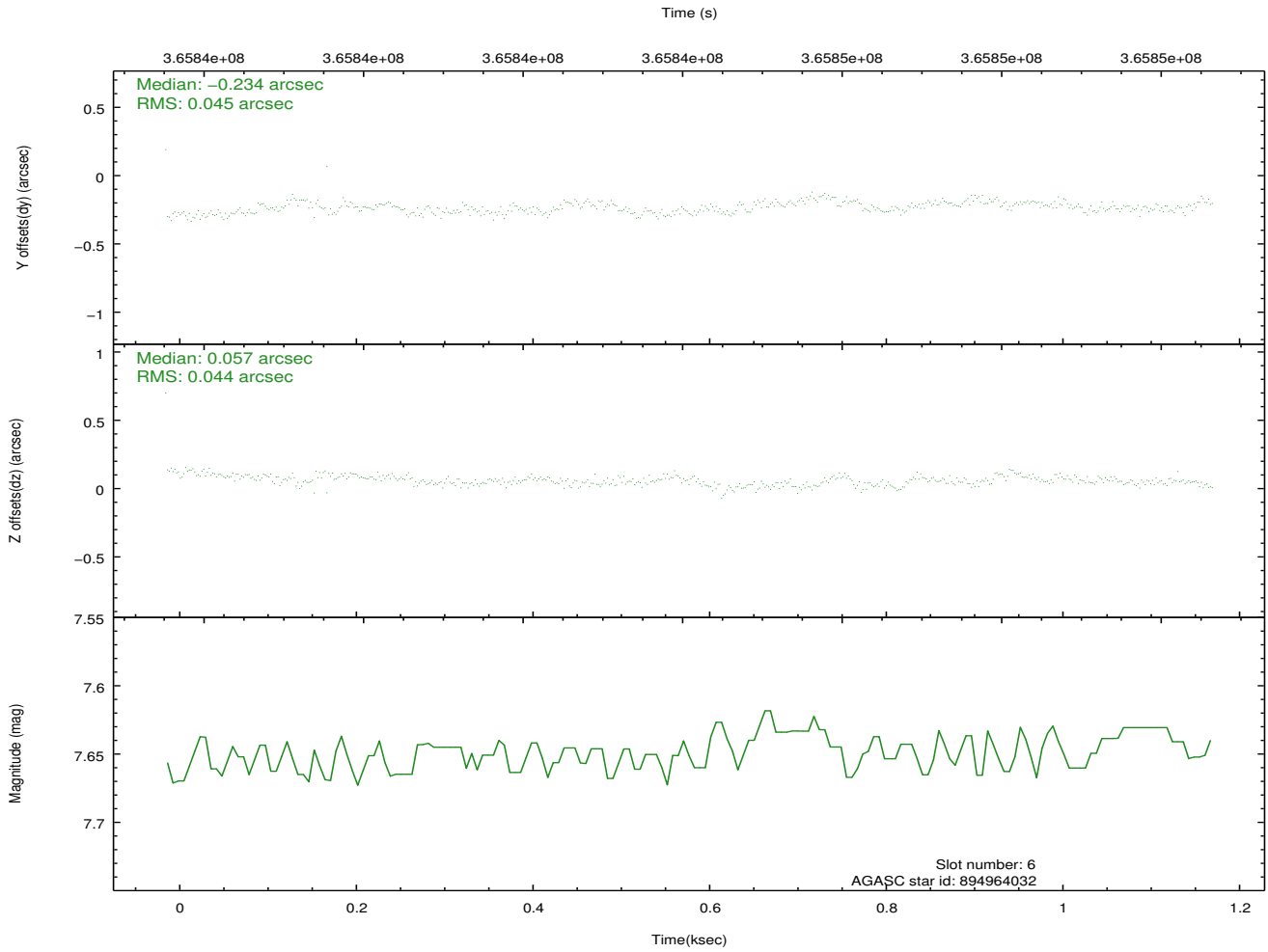
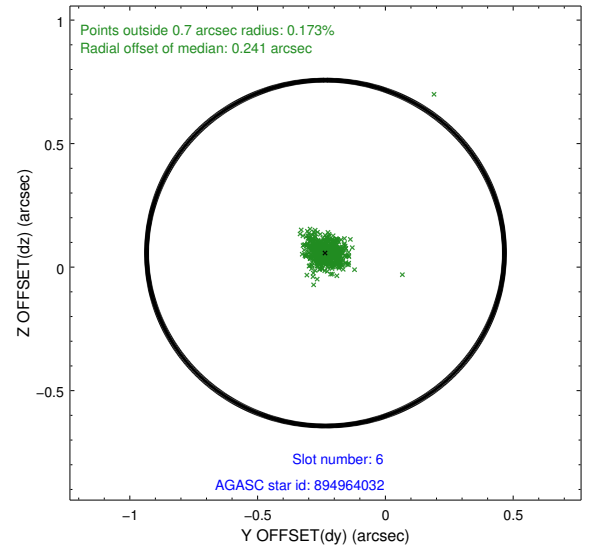
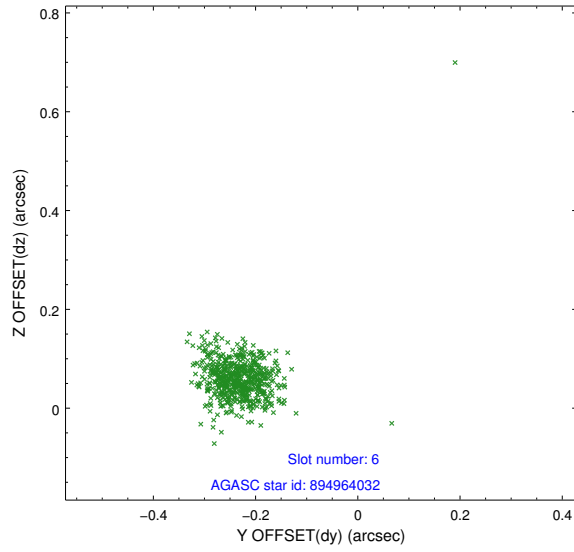
2.4.2 Slot 4



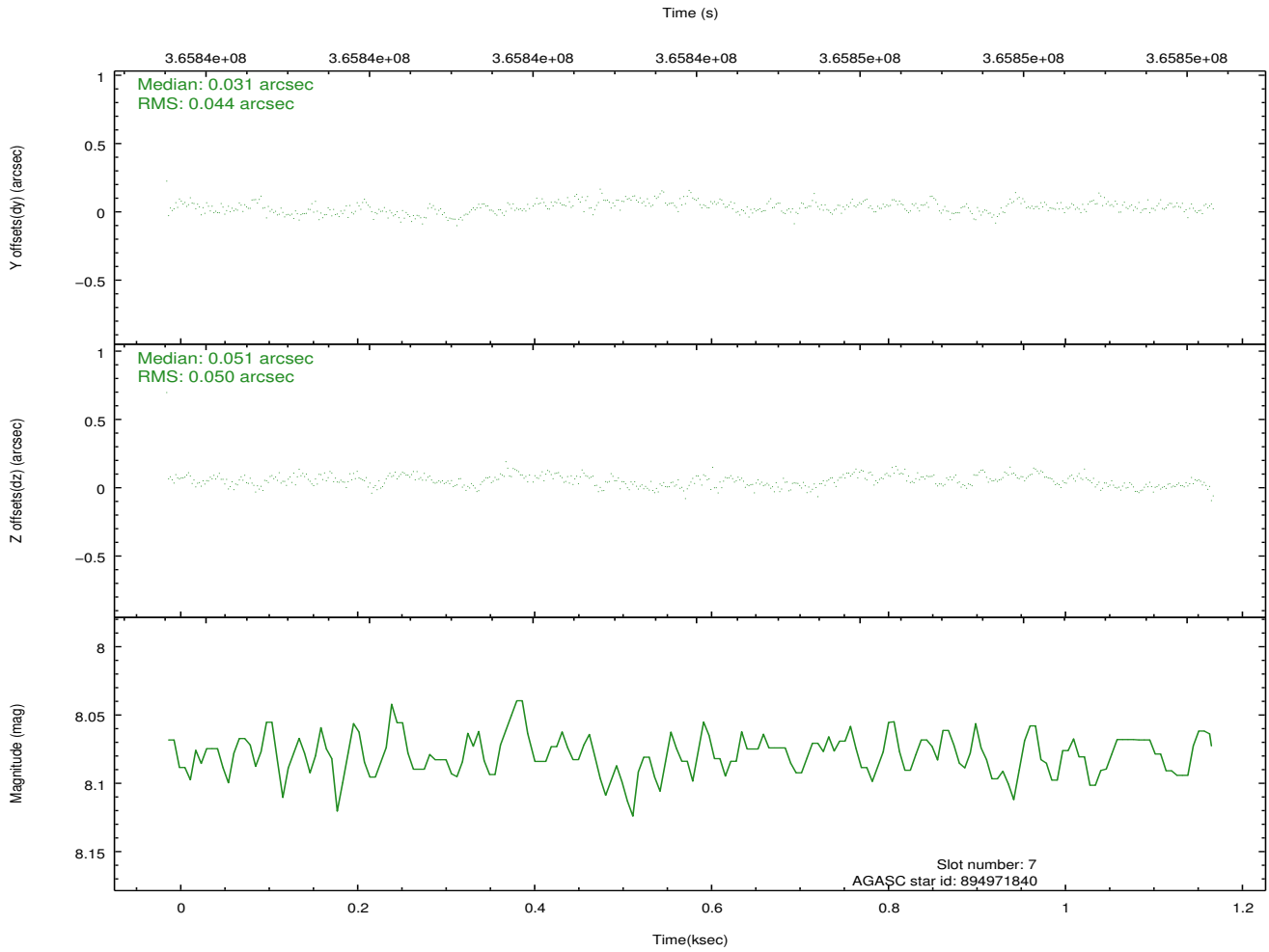
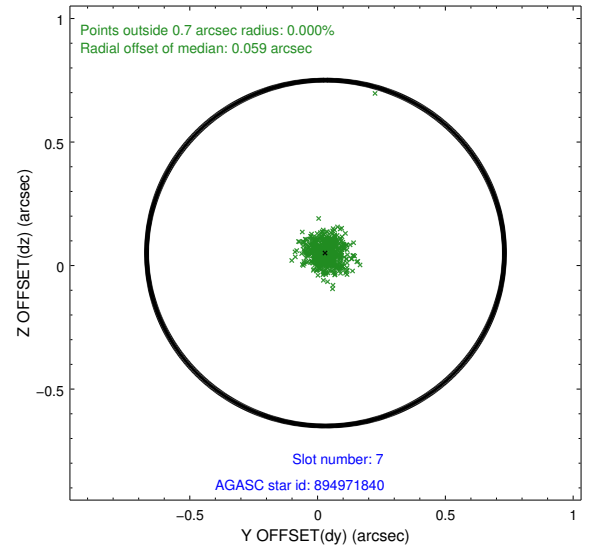
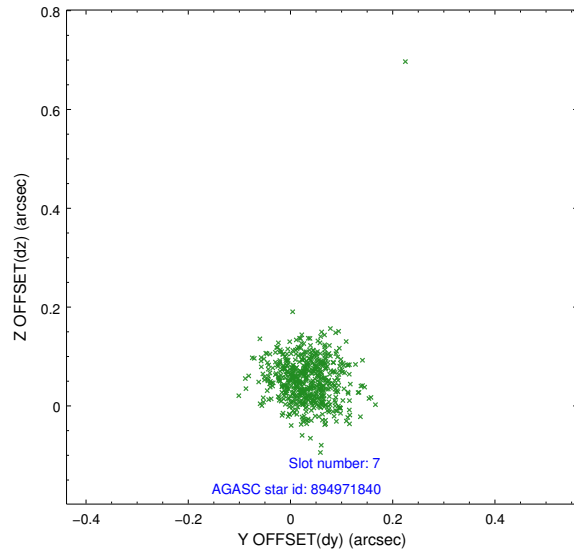
2.4.3 Slot 5



2.4.4 Slot 6

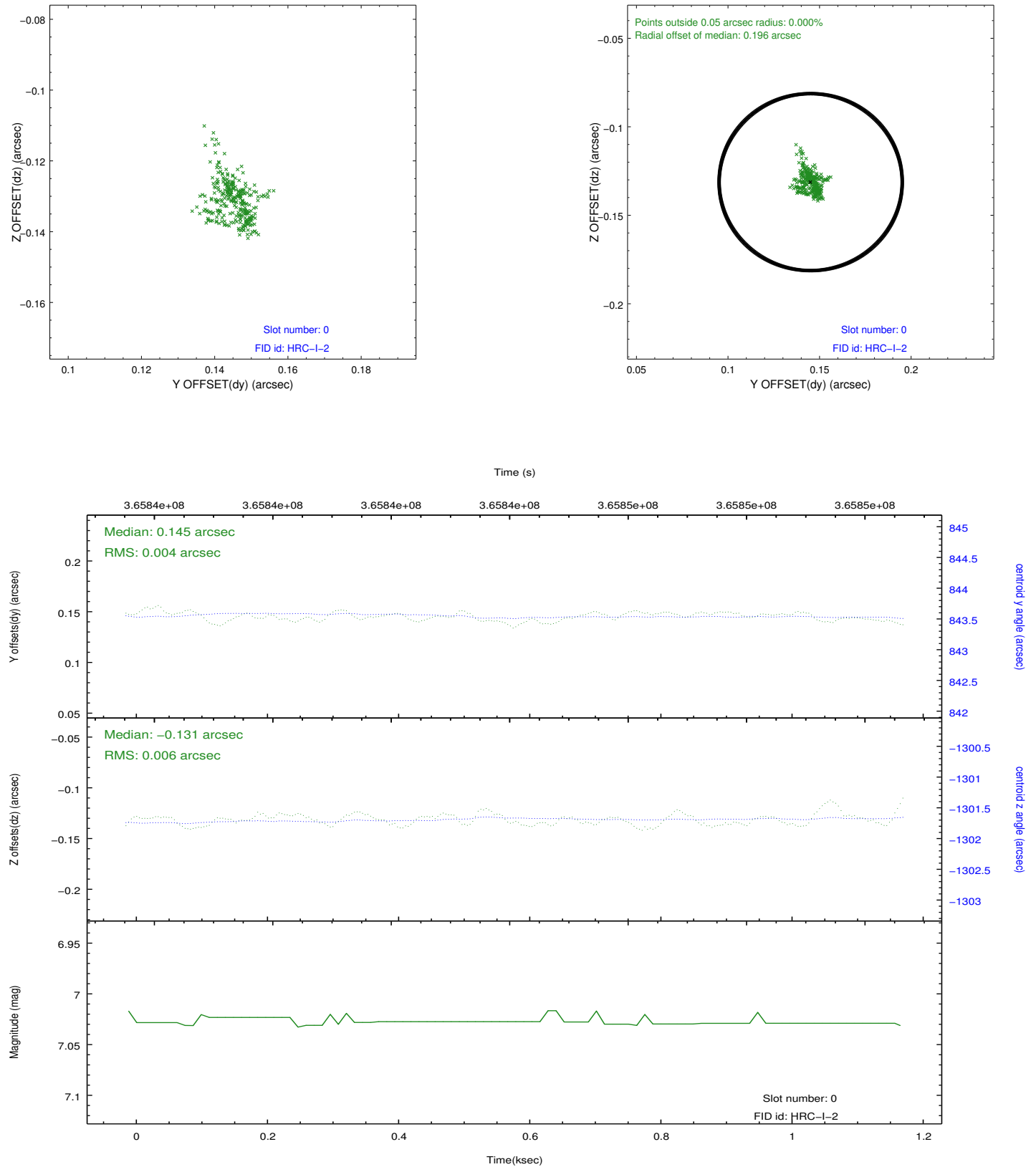


2.4.5 Slot 7

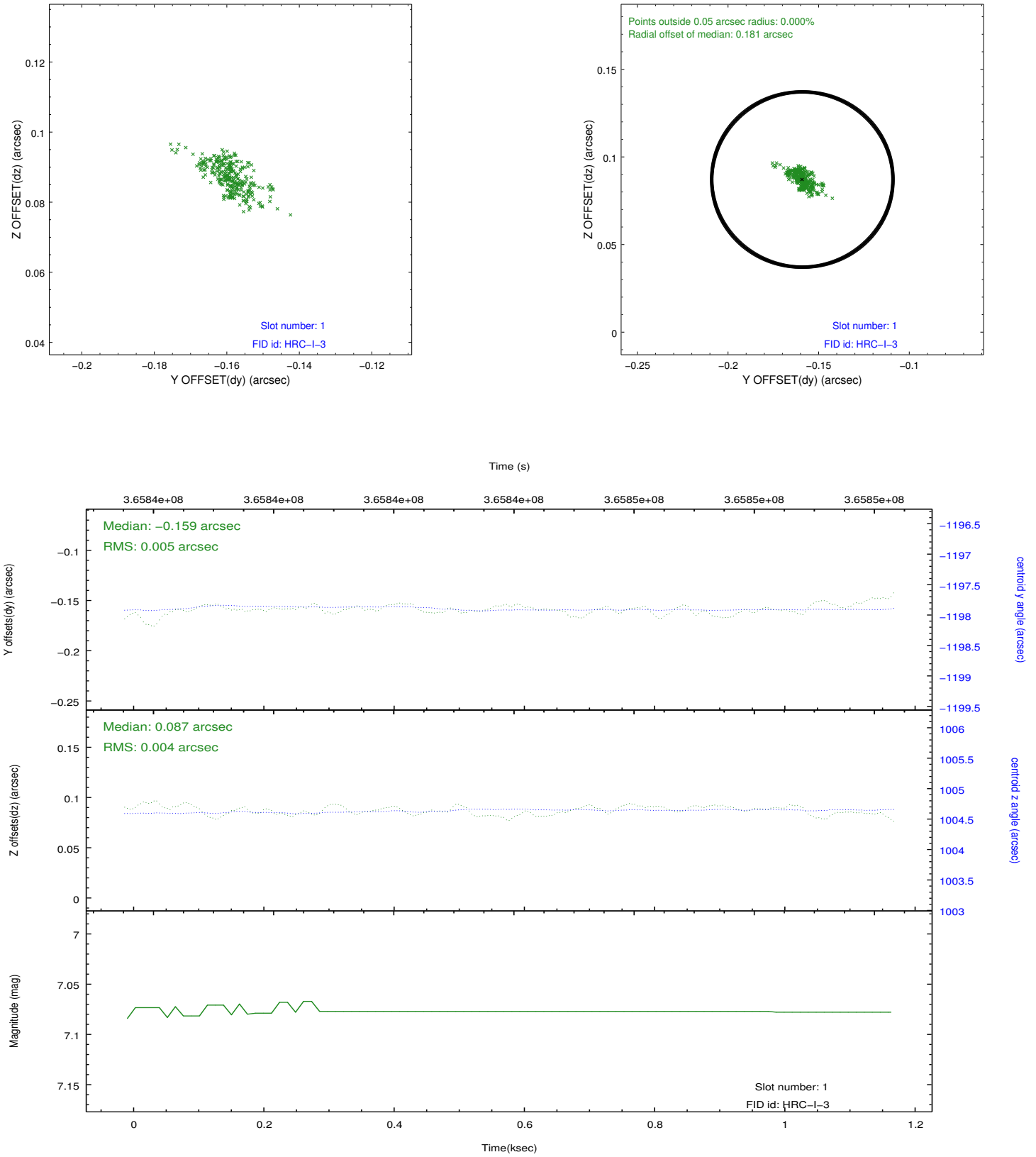


2.5 FID Slots

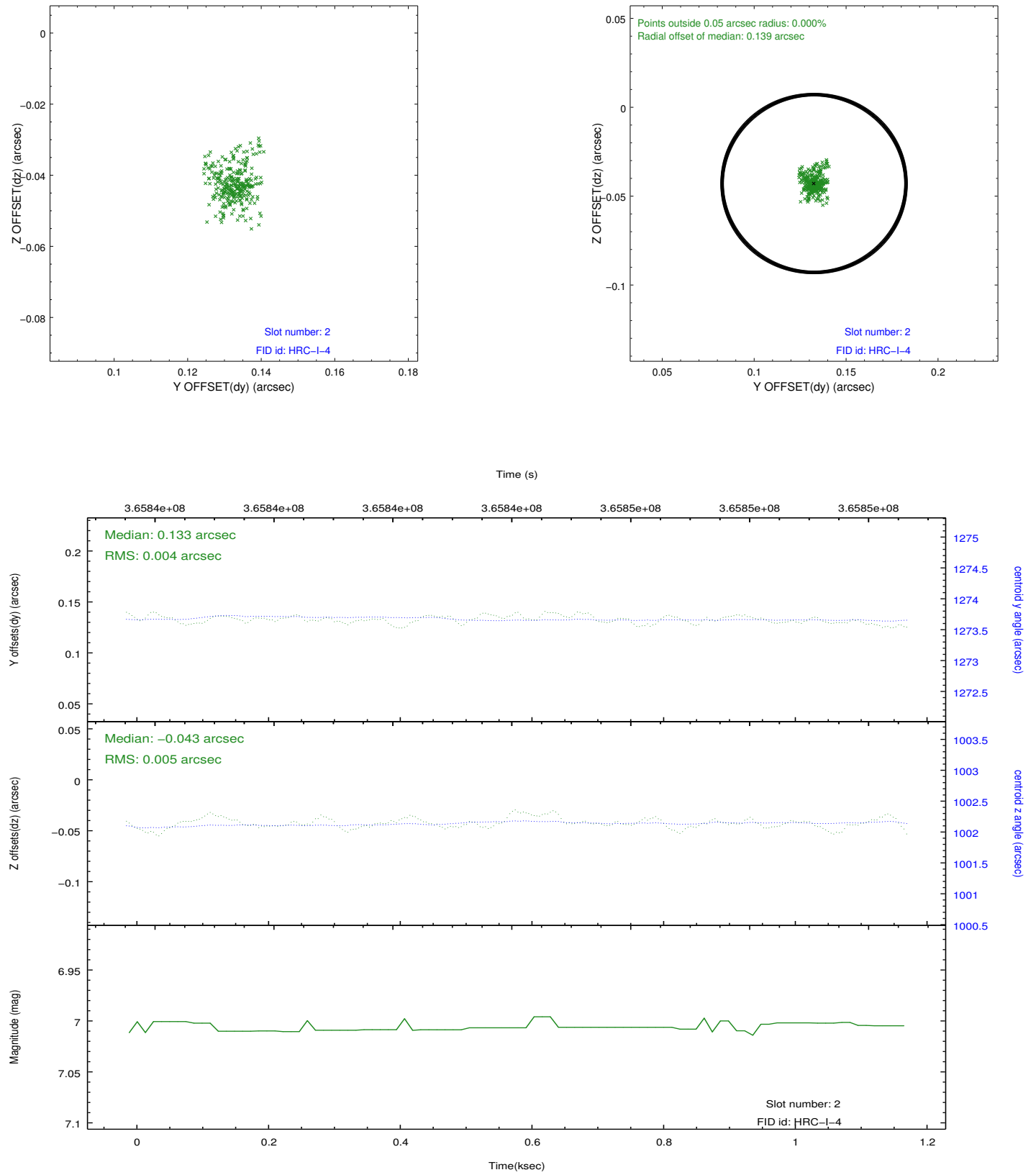
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313

A.2 Comments