

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16385 - L2 Version 1
Chandra X-Ray Center

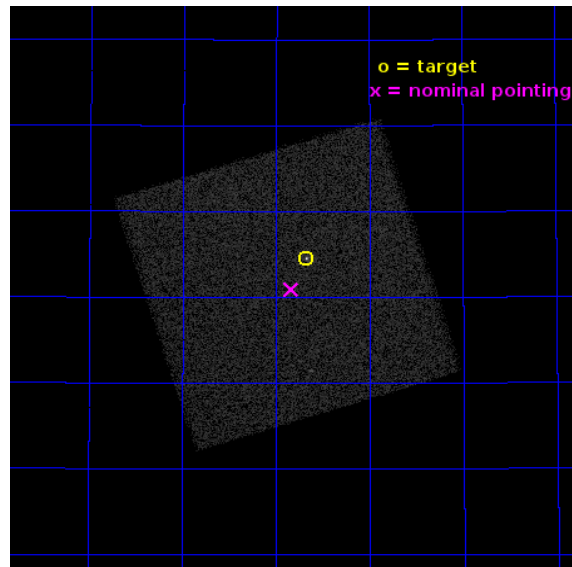
L2 Processing Date : Sep 16 2014

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1 Front

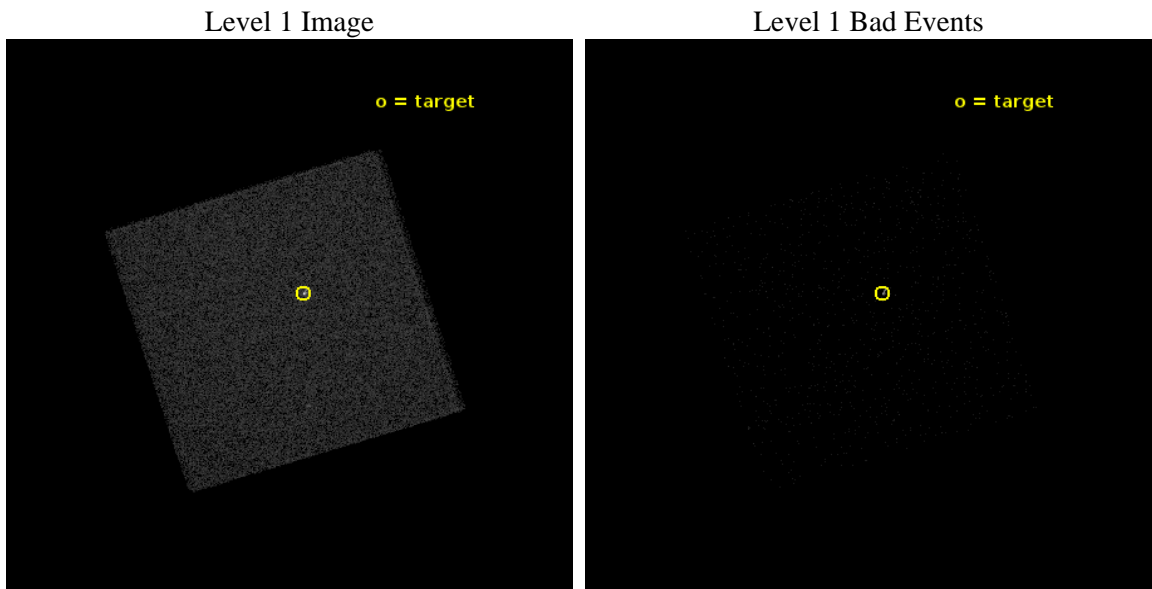
seq_num	291157	Sequence number
obs_id	16385	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20939647171	Nominal RA [deg]
dec_nom	45.682032985716	Nominal Dec [deg]
roll_nom	207.56602844237	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1181.8250654936	[s]
livetime	1172.4691506174	Ontime multiplied by DTCOR
l2events	75867	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	1181.8250654936	[s]
caldsver	4.6.3	 	l1events	127590	Number of level 1 events
date	2014-09-16T19:56:20	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

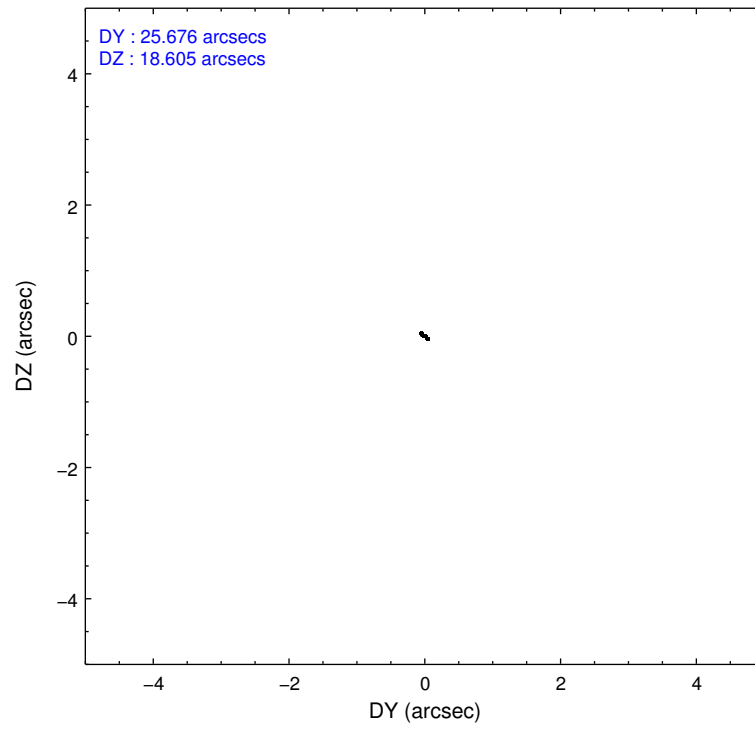
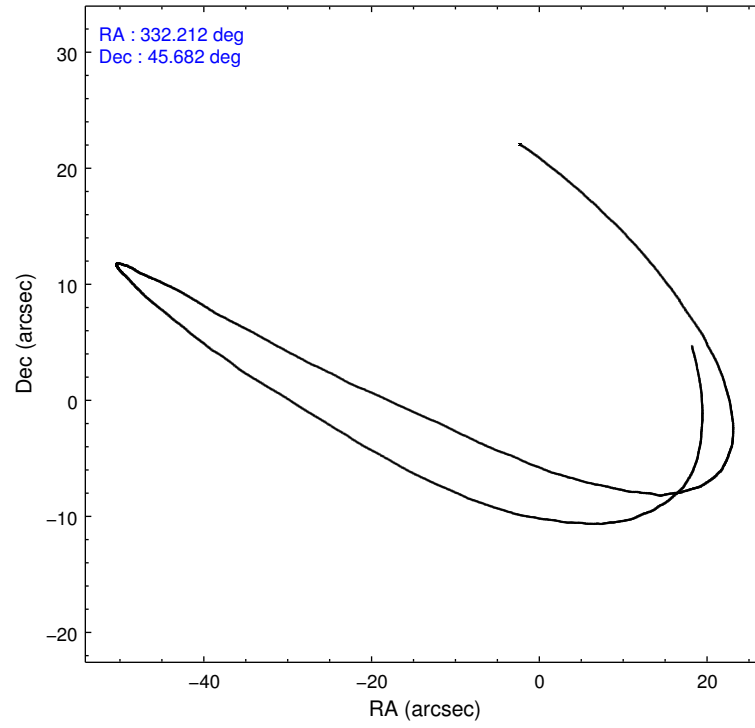
	segment 0
level 1 events	127590
rejected events	27460
rejected %	21%

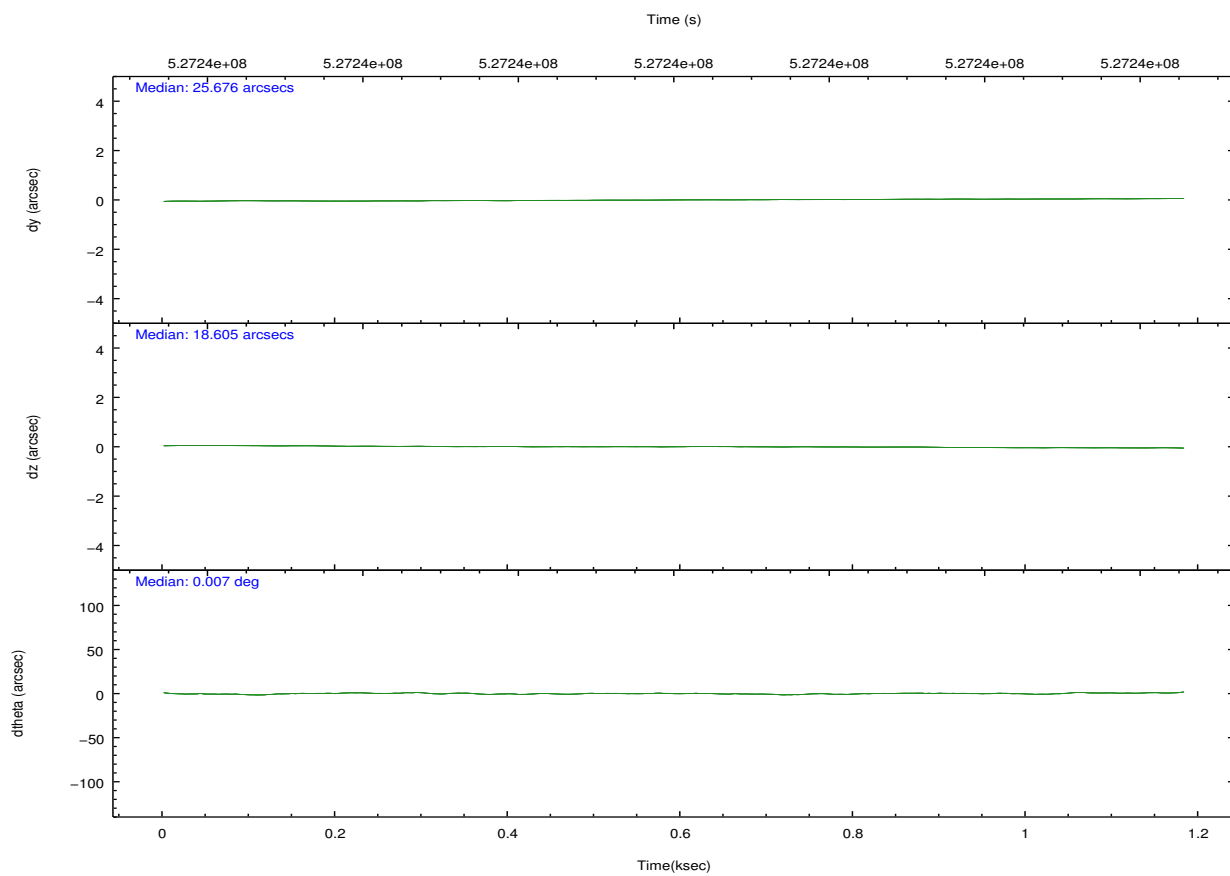
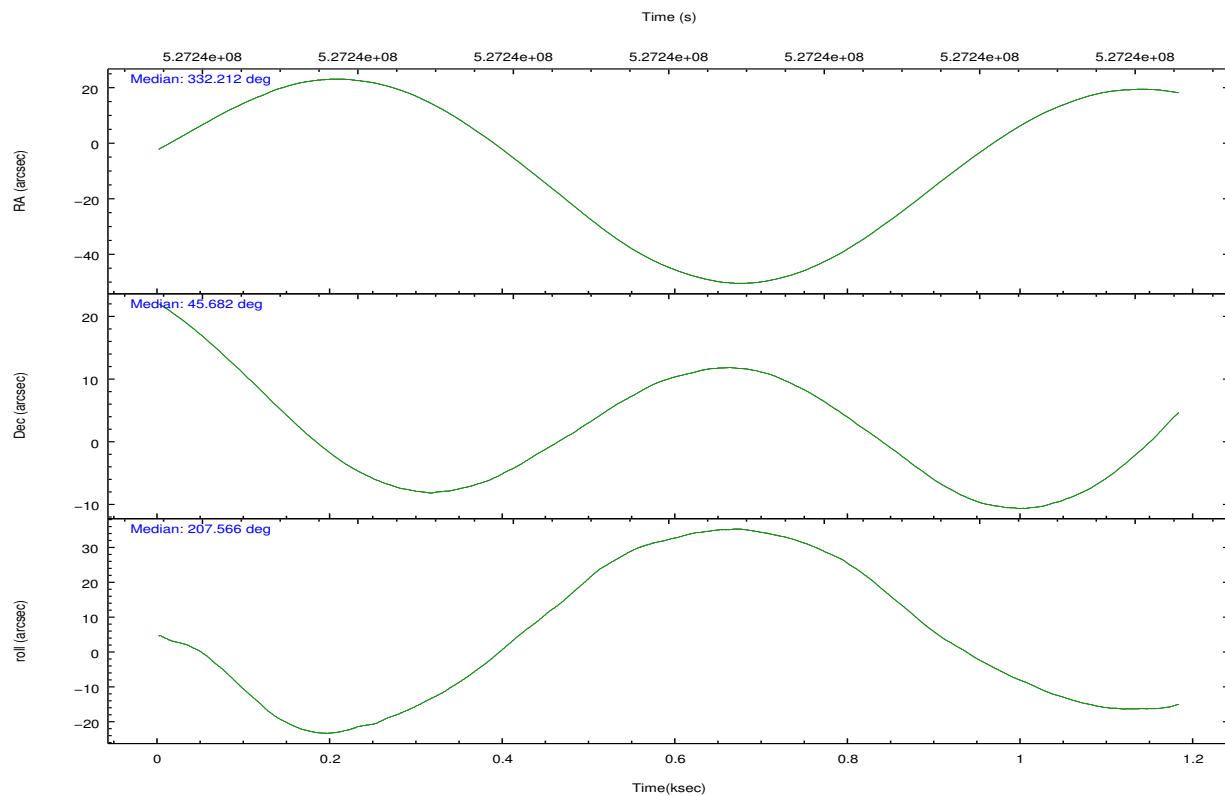
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.228448	332.2093964717128
[deg] Pointing Dec	45.706111	45.68203298571606
[deg] Pointing Roll	207.647851	207.5660284423725
[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)	527236791.184000	527236415.3764
Observation start date	2014-09-16T06:38:44	2014-09-16T06:33:35
[s] Observation end time (MET)	527237791.184000	527237925.71398
Observation end date	2014-09-16T06:55:24	2014-09-16T06:58:45

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



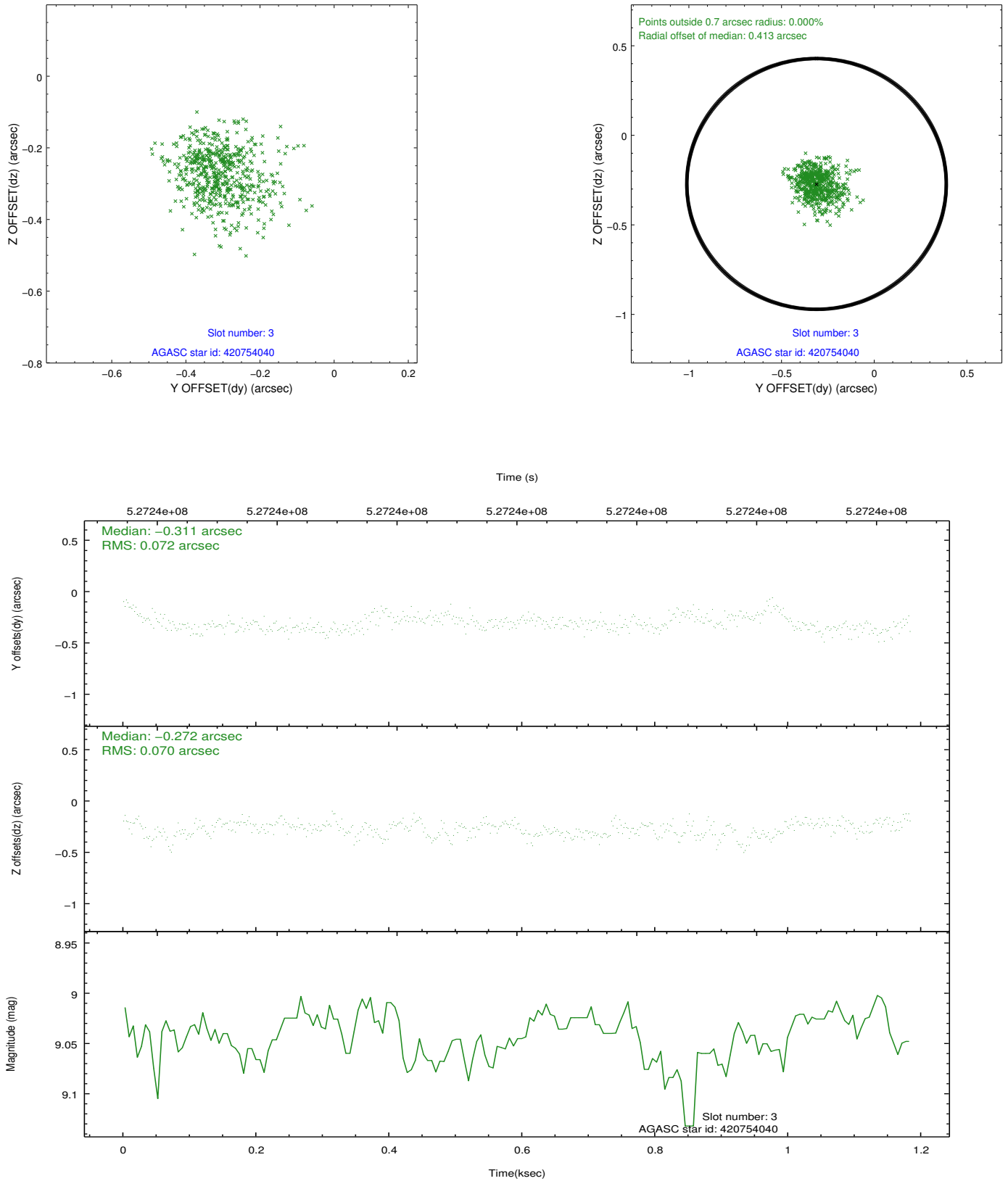


Slot Statistics

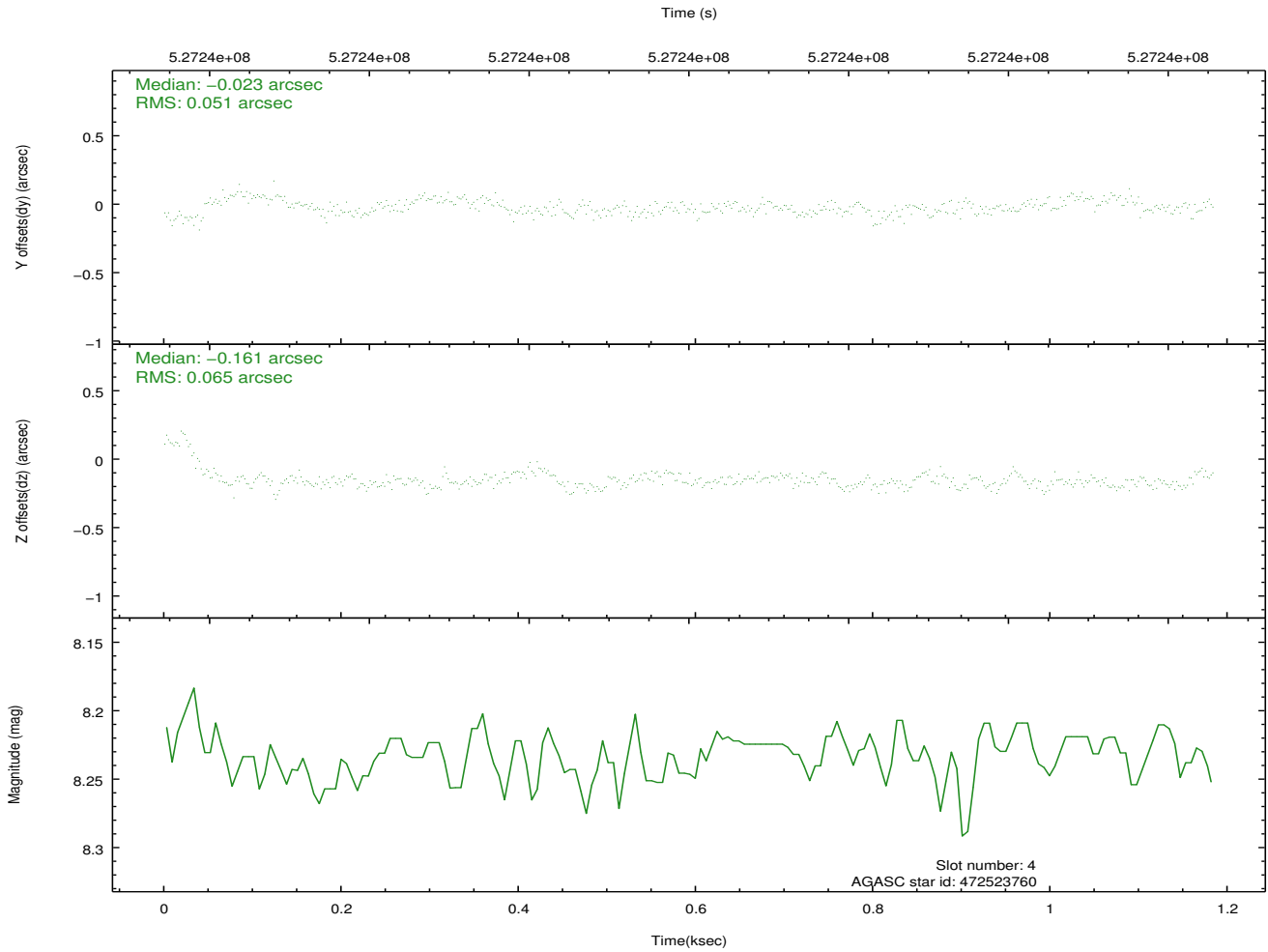
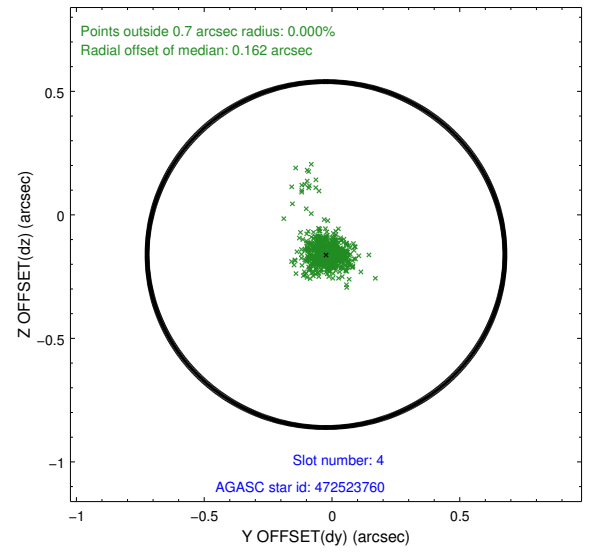
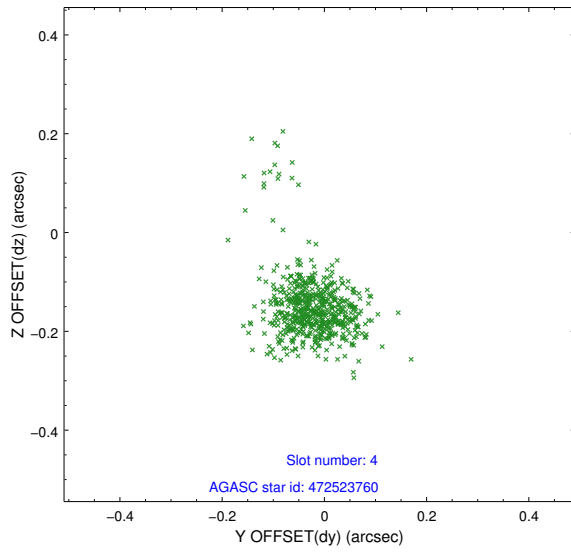
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	289	-0.122	0.021	0.007	0.011	0.000000	0.000000	-781.86	-1306.80
1	FID	HRC-I-2	7.06	289	0.237	-0.081	0.006	0.012	0.000000	0.000000	828.43	-1312.95
2	FID	HRC-I-3	7.11	289	0.005	-0.029	0.006	0.012	0.000000	0.000000	-1207.41	993.16
3	GUIDE	420754040	9.04	578	-0.311	-0.272	0.106	0.185	331.917939	44.882543	2076.52	2254.00
4	GUIDE	472523760	8.23	578	-0.023	-0.161	0.072	0.135	331.645363	45.403260	1814.41	277.40
5	GUIDE	472525528	6.65	578	-0.536	-0.018	0.083	0.140	331.551102	45.248694	2285.82	652.61
6	GUIDE	472655152	9.42	576	0.344	0.210	0.146	0.290	332.504239	45.862991	-869.08	-182.38
7	GUIDE	472665256	8.97	577	0.518	0.242	0.106	0.176	332.808125	46.195041	-2098.13	-896.99

2.4 Star Slots

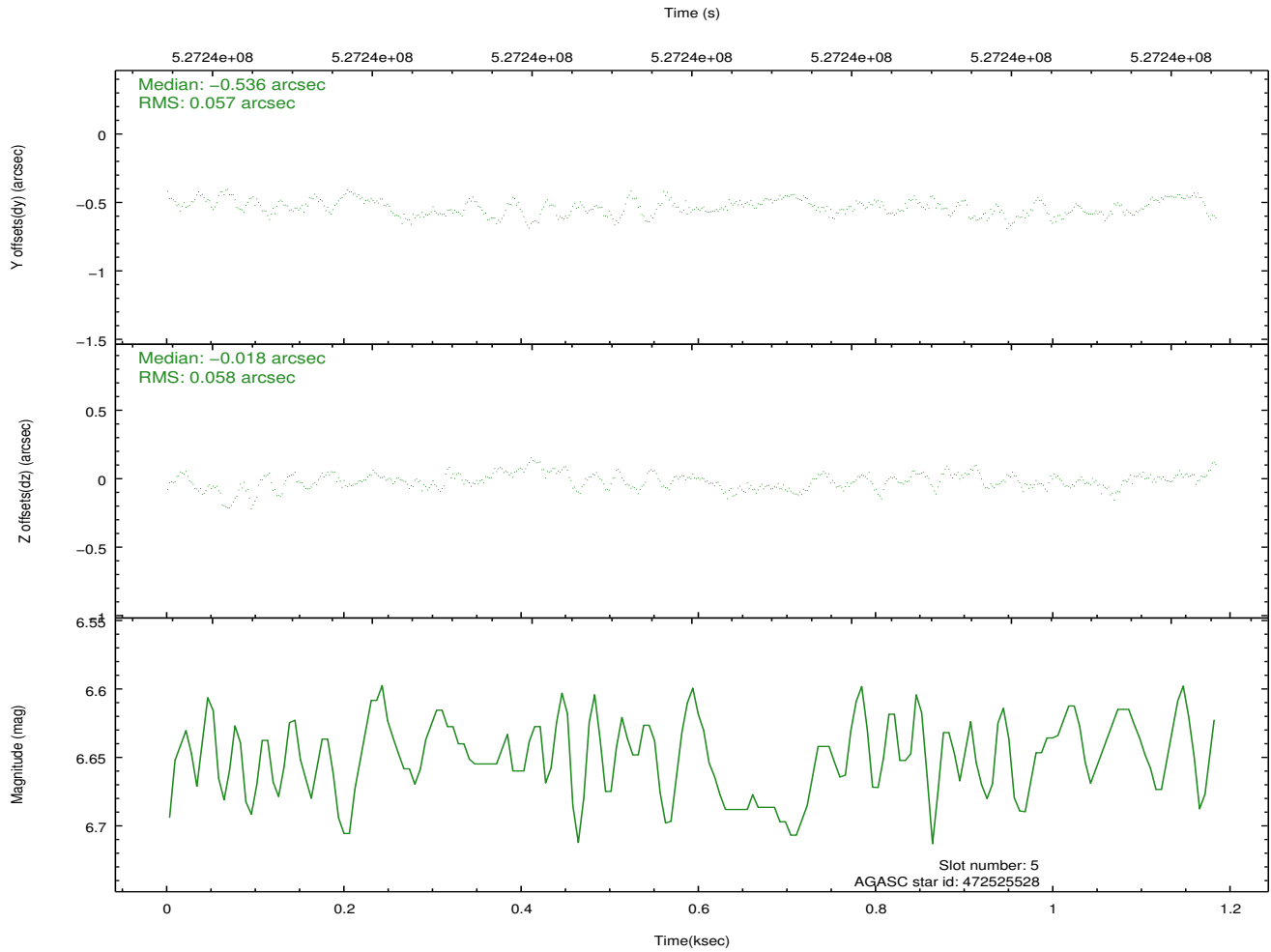
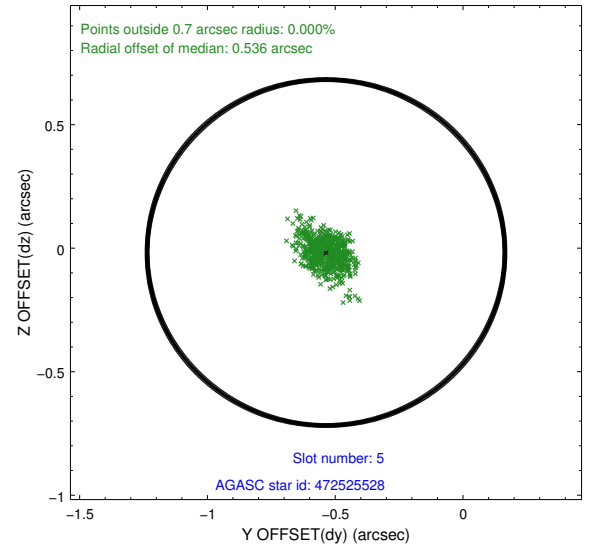
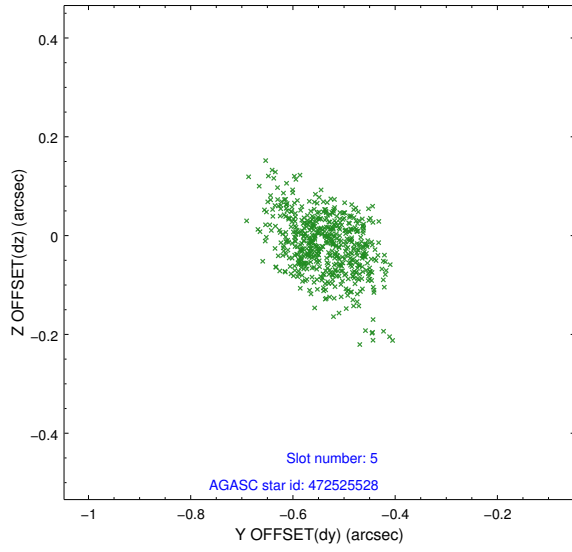
2.4.1 Slot 3



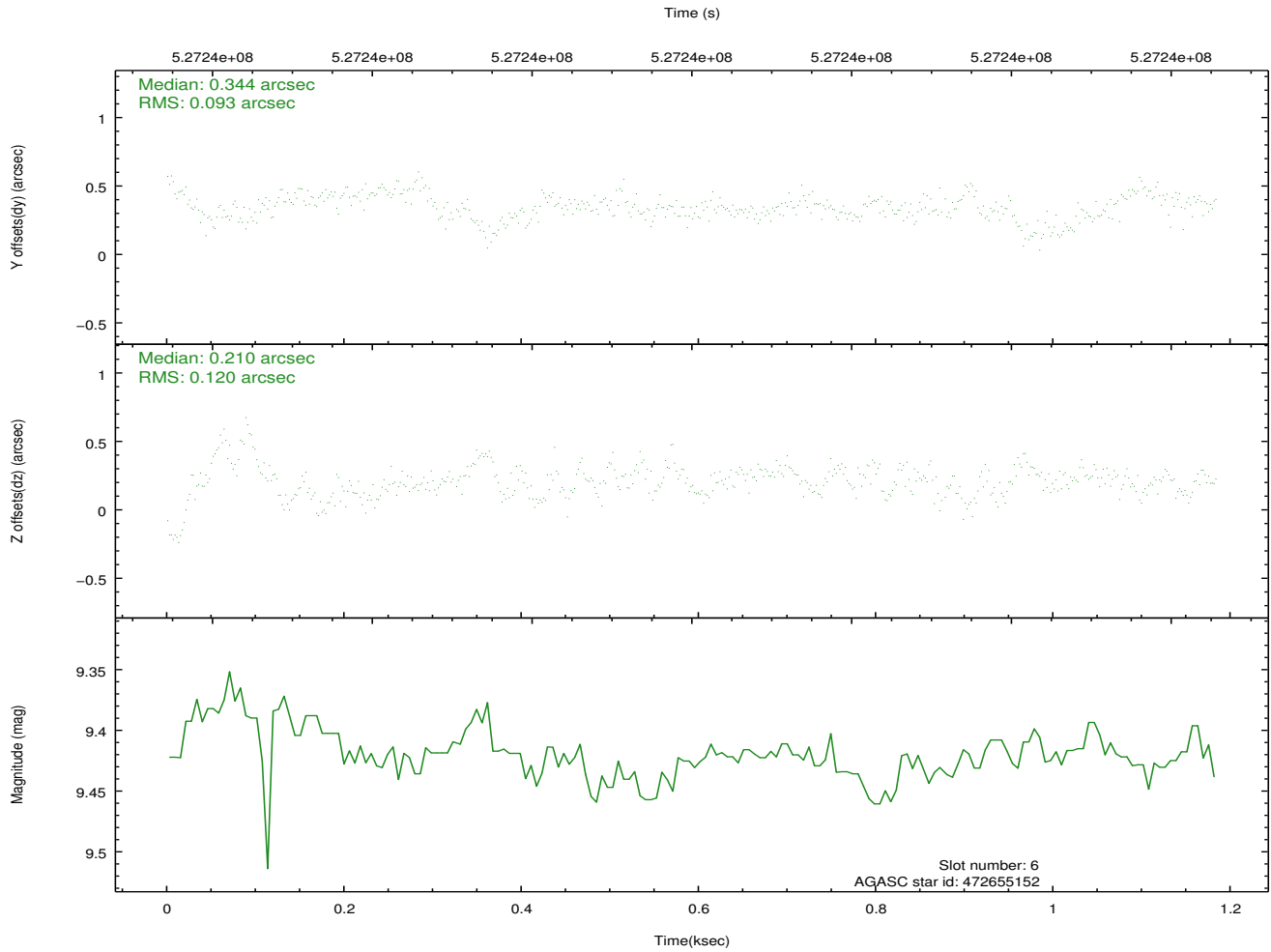
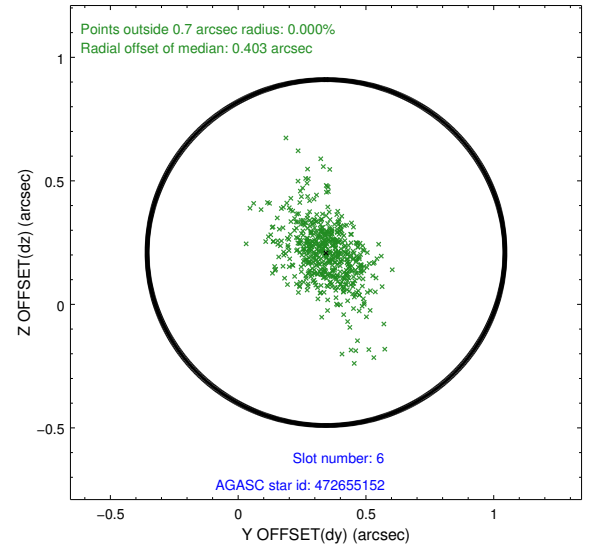
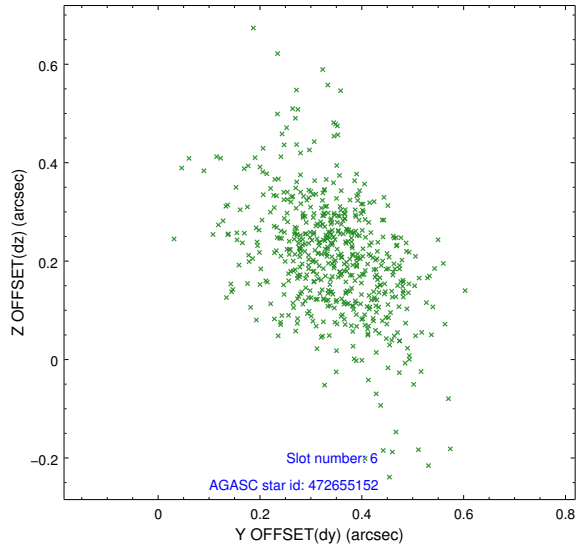
2.4.2 Slot 4



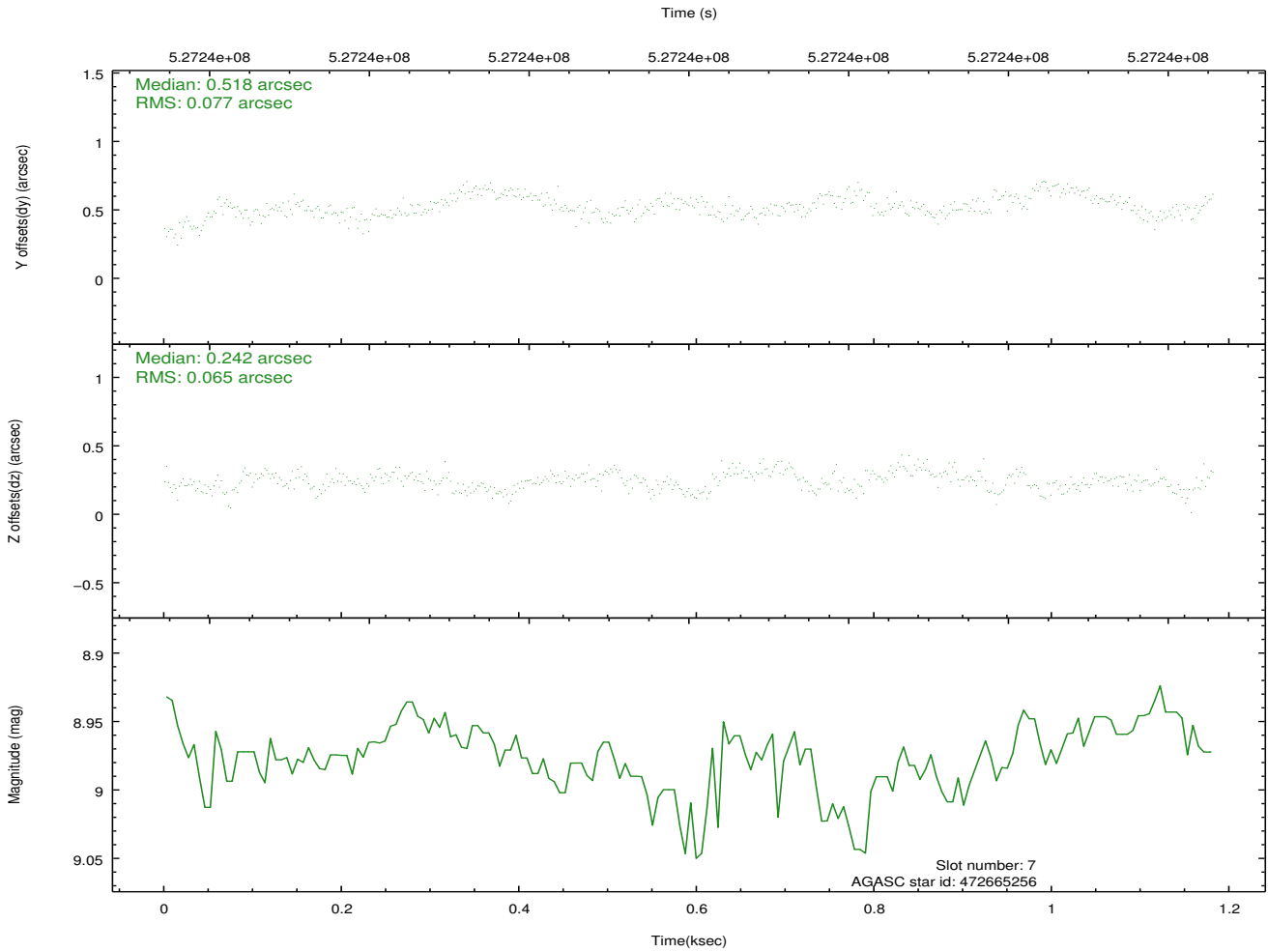
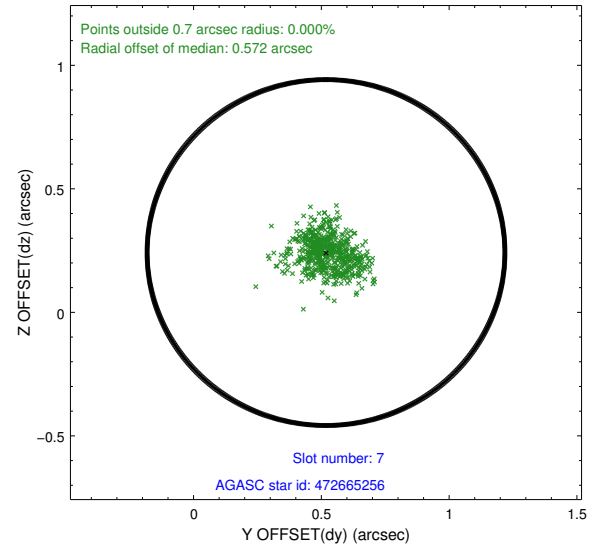
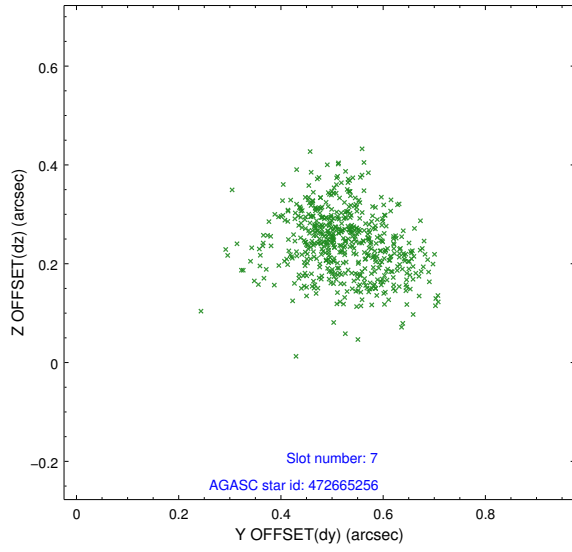
2.4.3 Slot 5



2.4.4 Slot 6

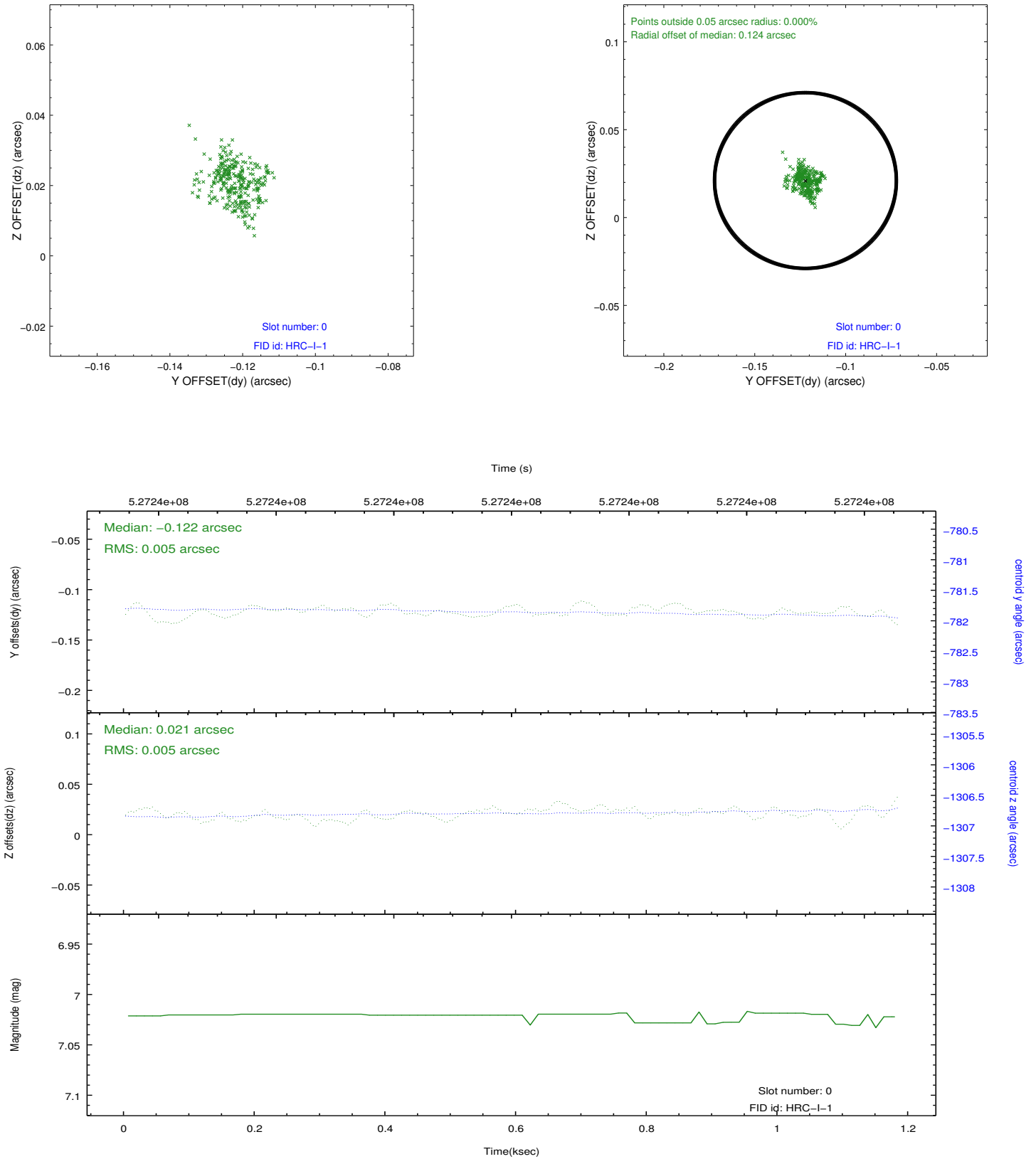


2.4.5 Slot 7

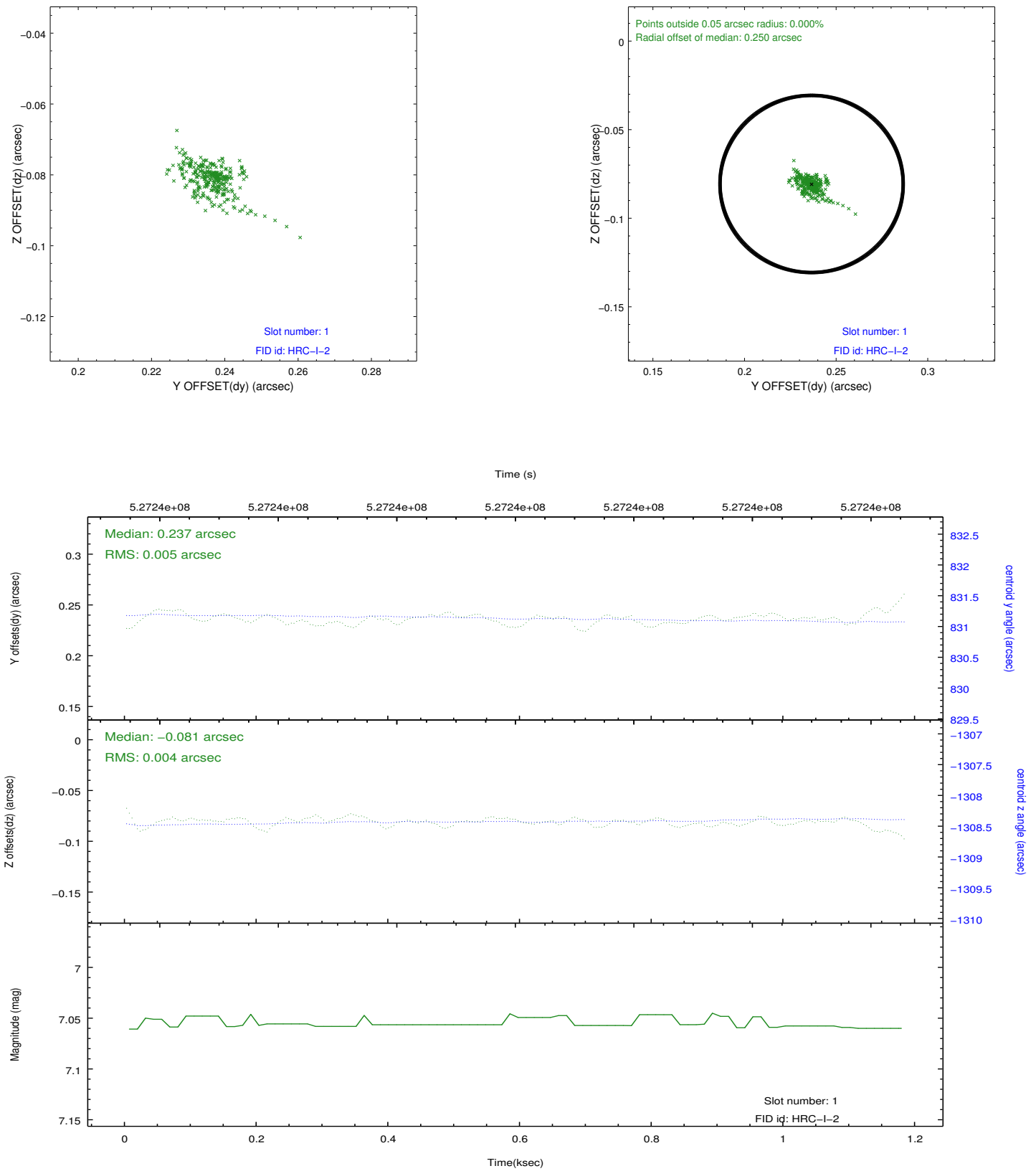


2.5 FID Slots

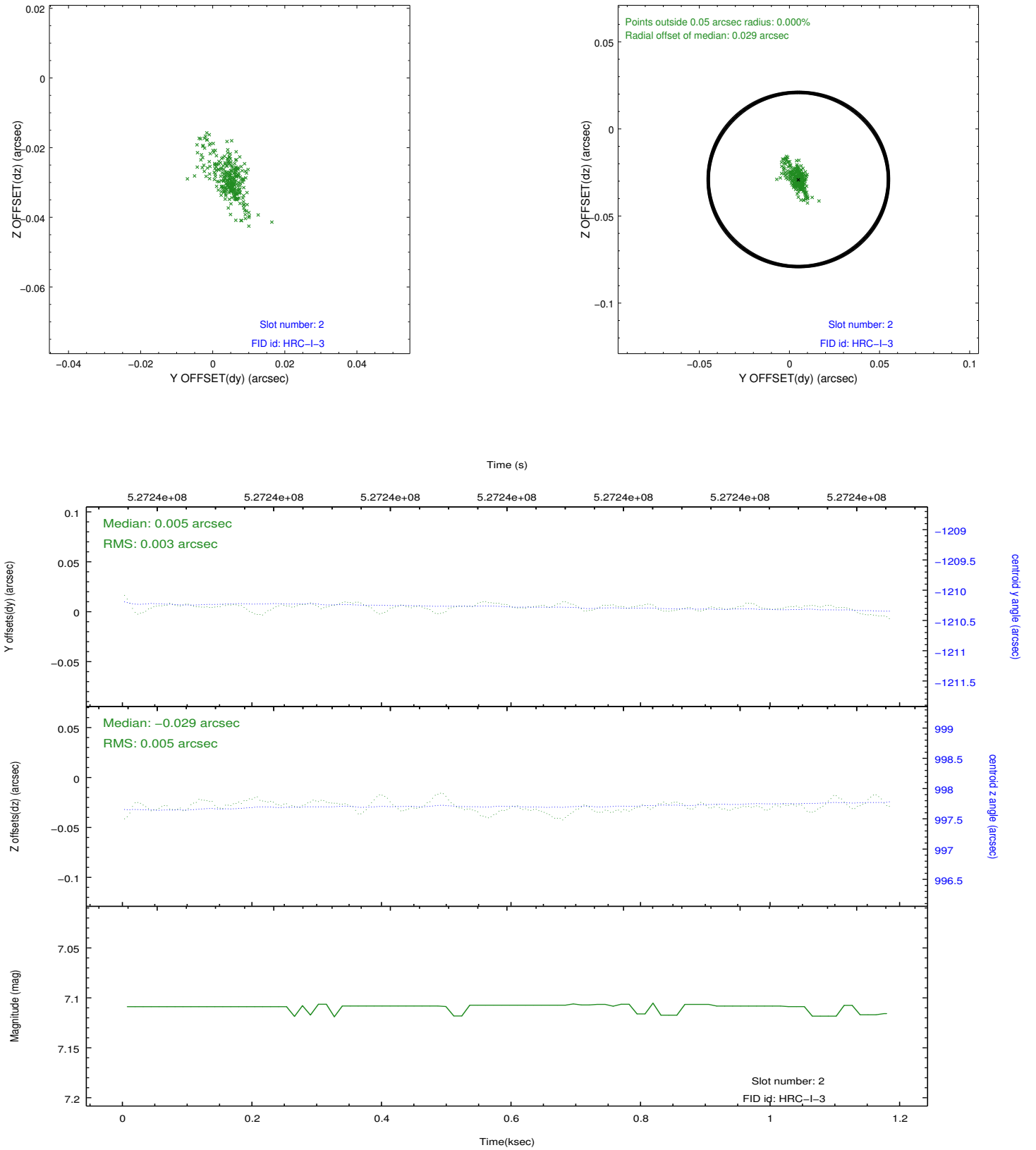
2.5.1 Slot 0



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)	2014.09.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250654936

A.2 Comments