

Assembled APA Executive Summary

DUNE PID

D00300100002-00002-UK106-01-00-00

Production Site

Daresbury

Configuration

Bottom

Component UUID

[bc12d190-6e6b-11ee-98d0-0717e5499ad5](#)

This summary generated on: November 7th 2023, 2:51:51 PM



QC Signoffs

Completed APA QC Review by:

James T Kirk

[APA QC Review Details](#)

Completed Frame QC Review by:

Brian Rebel

[Frame QC Review Details](#)

[Frame Survey Details](#)

Mesh Panel Installation QC by:

Gerard Bell

[Mesh Panel Installation QC Details](#)

Conduit Insertion QC by:

Krish Majumdar

[Cable Conduit Insertion QC Details](#)

Wire Layer G

Winder:

UK Winder 1

Winder Maintenance Signoff:

Carlos Chavez Barajas

Tension Control Signoff:

Matthew Shaw

Number of Replaced Wires

2

Number of Bad Solders

1

[Winding Details](#)

[Soldering Details](#)

[Tension Measurements](#)

Tension Measurements (Side A)

Enter comma-delimited values here

Entries: 0

Min.: 0.00

Max.: 0.00

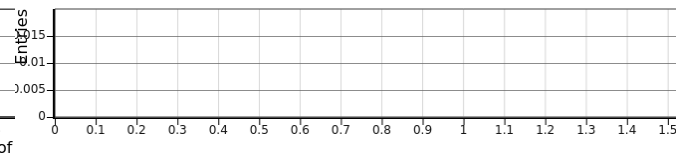
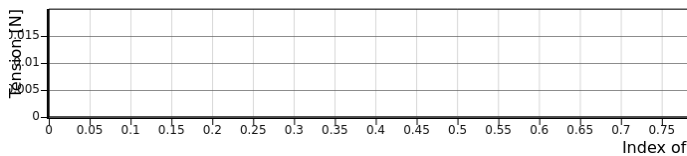
OoB (IL): 0

OoB (IH): 0

OoB (OL): 0

OoB (OH): 0

NaNs: 0



Tension Measurements (Side B)

Enter comma-delimited values here

Entries: 0

Min.: 0.00

Max.: 0.00

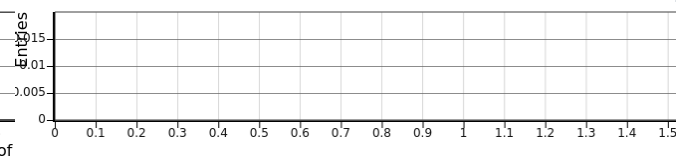
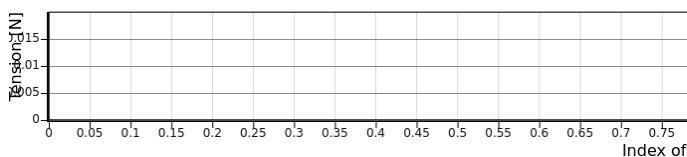
OoB (IL): 0

OoB (IH): 0

OoB (OL): 0

OoB (OH): 0

NaNs: 0



Wire Layer U

Winder:

UK Winder 2

Winder Maintenance Signoff:

Gerard Bell

Tension Control Signoff:

Krish Majumdar

Number of Replaced Wires

1

Number of Bad Solders

2

[Winding Details](#)

[Soldering Details](#)

[Tension Measurements](#)

Tension Measurements (Side A)

4.01,4.01,4.33,4.54,4.61,4.74,4.9,4.87,5.07,5.26,5.34,5.1,5.12,5.23,5.22,6.24,5.33,6.3,6.28,6.36,6.31,6.15,6.08,6.04,6.25,6.15,6.25,6.08,5.54,5.55,5.46,5.43,5.51,6.04,6.07,6.03,6.03,6.48,5.98,6.15,5.98,5.05,6.05,5.95,5.96,5.89,5.94,4.1

Entries: 1141

Min.: 0.73

Max.: 8.40

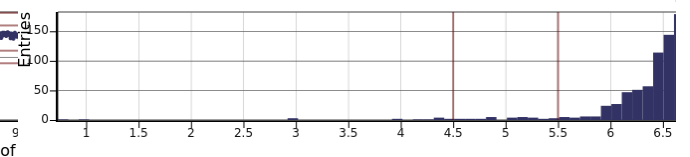
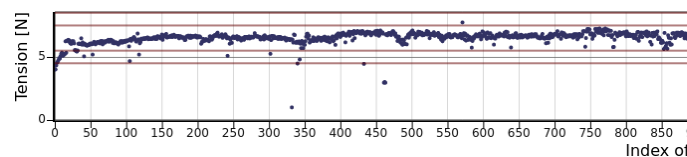
OoB (IL): 43

OoB (IH): 16

OoB (OL): 15

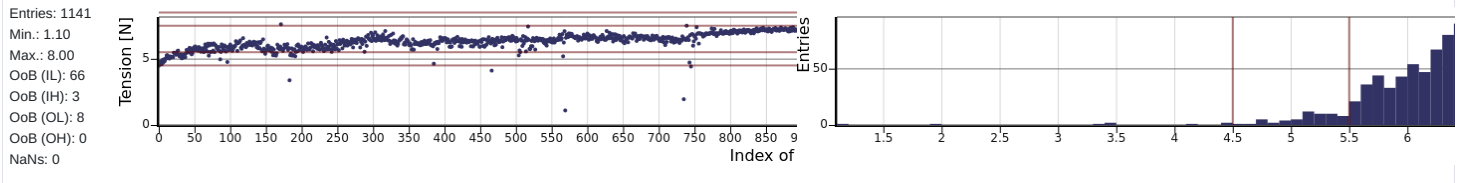
OoB (OH): 0

NaNs: 0



Tension Measurements (Side B)

4.48,4.78,4.72,4.81,4.59,4.9,4.71,4.96,4.81,4.94,5.05,5.25,5.27,5.06,5.14,5.02,5.18,5.11,5.15,5.15,5.11,5.46,5.43,5.37,5.31,5.36,5.57,5.62,5.3,5.19,5.25,5.34,5.04,5.06,5.32,5.13,5.3,5.12,5.41,5.67,5.6,5.63,5.48,5.83,5.66,5.77,5.34,5.1

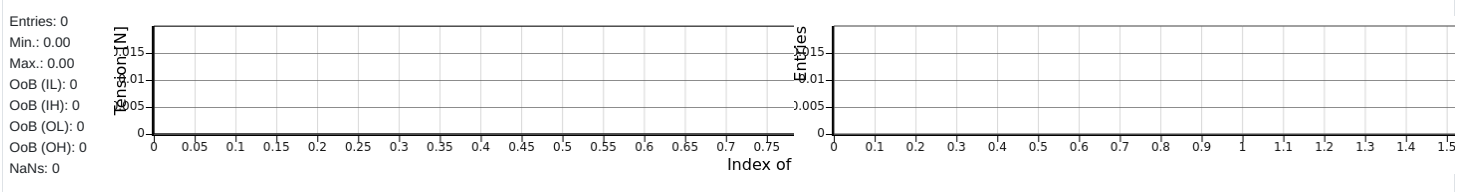


Wire Layer V

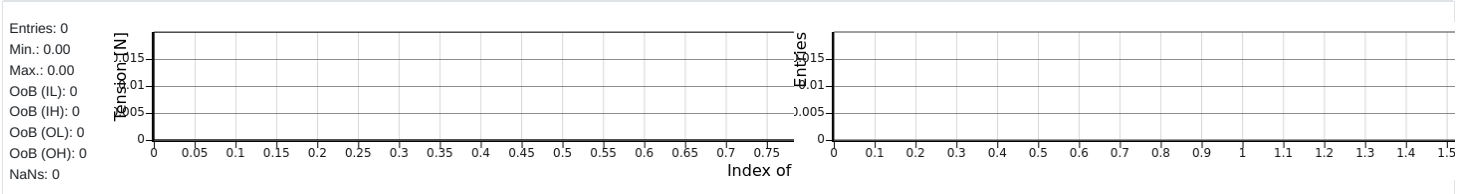
Winder: UK Winder 2
 Winder Maintenance Signoff: Carlos Chavez Barajas
 Tension Control Signoff: Gerard Bell

Number of Replaced Wires: 1
 Number of Bad Solders: 1
[Winding Details](#) [Soldering Details](#) [Tension Measurements](#)

Tension Measurements (Side A)



Tension Measurements (Side B)

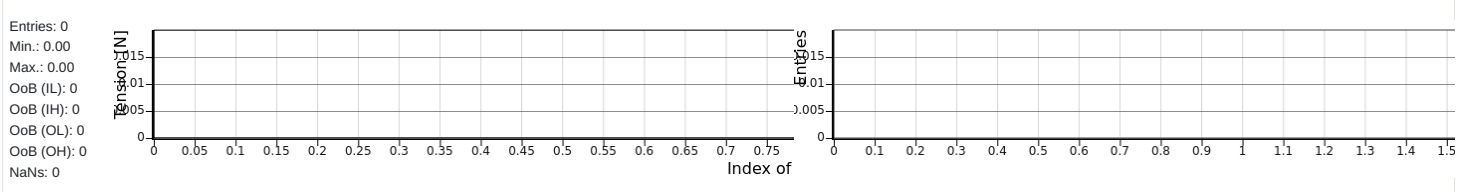


Wire Layer X

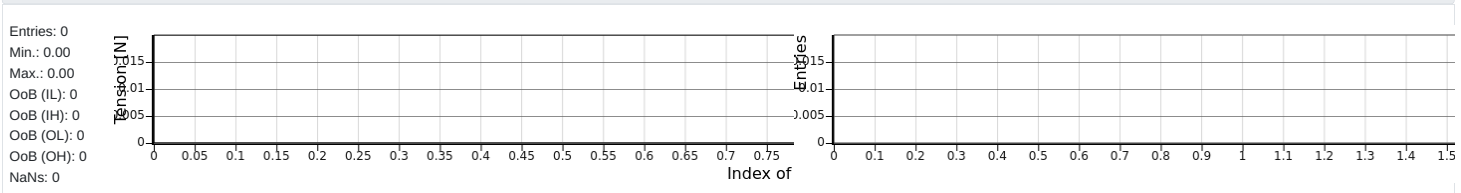
Winder: UK Winder 1
 Winder Maintenance Signoff: Gwenn Mouster
 Tension Control Signoff: Carlos Chavez Barajas

Number of Replaced Wires: 2
 Number of Bad Solders: 1
[Winding Details](#) [Soldering Details](#) [Tension Measurements](#)

Tension Measurements (Side A)



Tension Measurements (Side B)



Assembled APA - Wire Non-Conformances

DB Page	Layer & Side:	Head Board & Pad:	Endpoints:	Cold Channel:	Offline Channel:
DB Page	AX	01-02	Side Board 1-Side Board 2	03-04-05	1204
DB Page	BX	06-07	Side Board 6-Side Board 7	08-09-10	1907

Other Non-Conformances

Component: Assembled APA
 Type: Geometry Board Issue
 Description: Some problem with the geometry boards

[DB Page](#)

Component:	APA Frame	Description:	Survey not up-to-date ... using CERN datapoints instead of PSL
Type:	Survey		

[DB Page](#)

Component:	Mesh Panel	Description:	Multiple holes in mesh, fist sized
Type:	Holes in mesh		

[DB Page](#)

Component:	Mesh Panel	Description:	Mesh is sagging towards the middle
Type:	Mesh not tight		

[DB Page](#)
