

SKÝRSLA

ÞYKKTARMÆLING OG SEGULSVIÐSSKÖNNUM Á OLÍUGEYMI 10 Í HVALFIRÐI

ULTRASONIC THICKNESS MEASUREMENT & MAGNETIC FLUX LEAKAGE

UTM SKÝRSLA NR. GEYMIR 10



JULI 2022

FASTANÚMER: T0129

MÆLINGAR FRAMKVÆMDAR , STAÐUR: HVALFJÖRÐUR

EIGANDANÚMER: 310.10.00



Framkvæmd mælinga

Þykktarmælingu framkvæmdi Gísli A. Guðmundsson hjá HD ehf í Kópavogi. Upplýsingar varðandi aðstæður, notkun geyma o.fl. veitti Ari Elísson og Gunnar Kr. Sigmundsson hjá Ólíudreifingu ehf.

Framkvæmd þykktarmælinga, segulsviðskönnunar og sjónskoðunar á geyminum fóru fram í júlí mánuði 2022. Geymirinn er standandi stálgeymir og var botn hans mældur ásamt neðsta umfari.

Þykktarmælingar

Varðandi staðsetningu mælistaða og niðurstöður þykktarmælinga á geyminum er hér vísað á meðfylgjandi teikningar (1 stk.). Allar gólfplötur eru mældar á svipaðan hátt þ.e.a.s. miðast er við að hafa mælinguna í miðri plötu, aðeins var tekin einn punktur í plötu.

Segulsviðsmælingar

Gólfskanninn er kvarðaður á 6mm plötu, 8, 10, 14 og 18mm göt eru boruð í plötuna þar til 3mm efnisþykkt er eftir. Hugbúnaðurinn er stilltur þar til götin gefa rautt/appelsínugult merki á skjá. Gólfskannanum er rennt yfir alla fleti sem hann kemst yfir. Svelgir, rör eða ójafn botn geta gert gólfskannanum ókleift til mælingar.

Sjónskoðun

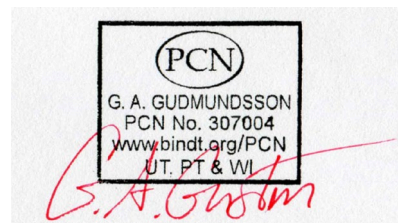
Farið er um allan geyminn með sterkt ljós og því haldið rétt við yfirborðið svo pyttir og misfellur sjáist betur. Kverksuð geymis er skoðuð sérstaklega vel ásamt öðrum suðum innanvert í geymi. Þá eru svelgir einnig skoðaðir mjög vel ásamt þeim stöðum þar sem gólfskanni kemst ekki.

Niðurstöður

Geymir er ómálaður að hluta að innan. Geymir er í þokkalegu ásigkomulagi að innanverðu, gólf ásamt neðsta umfarinu er tært að innan og á 7 stöðum má finna pytti þar sem efnisþykkt plötu er minni en 3mm. Setja þurfti viðgerðarplötur á gólf geymis. Framkvæmt af viðgerðarteymi Ólíudreifingar og eða verktökum á þeirra snærum. Sjá teikningar og ljósmyndir. Eigandi geymis var látin vita. Sjá meðf. niðurstöður mælingar. Öll uppgöfin mál á teikningum eru í mm.

Akureyri, 27 júlí 2022

Virðingarfyllst.



Gísli Arnar Guðmundsson

STAÐFESTING ÞYKKTARMÆLINGA

SKÝRSLA NR.:	Geymir 10.
DAGS. SKÝRSLU:	27.07.22
EIGANDI GEYMIS:	Icelandic Tank Storage ehf
REKSTRARAÐILI:	Olíudreifing ehf
DAGS. FRAMKV.:	Júlí 2022
STAÐUR	Hvalfjörður. Litli Sandur
HVAÐ MÆLT:	Geymir 10
FASTANÚMER:	T0129
EIGENDANÚMER:	311.10.00
SMÍÐAÁR:	1963. Þorgeir og Ellert
MÆLIBÚNAÐUR:	MFE MK IV Tank Floor Scanner. Serial No.MK4-0016-A-TFS Olympus 45MG. 5 Mhz Serial nr: 130177407, skoðað og vottað þann 30.08.2016 Stilliklossar (Calibration blocks): 3mm, 6mm 9mm 12mm og 18mm. Meðf. er vottorð mælíbúnaðar (Statement of Calibration).
MÆLIBÚNAÐUR:	Olympus 45MG. 5 Mhz Serial nr: 130177407, skoðað og vottað þann 30.08.2016 Stilliklossar (Calibration blocks): 3mm, 6mm 9mm 12mm og 18mm. MFE MK IV Tank Floor Scanner. Serial No.MK4 0016-A-TFS
FRAMKV. MÆLINGA:	Gísli Arnar Guðmundsson & Andre Sandö
SKÍRTEINI (CERTIFICATE):	Ultrasonic Inspection – Level II PCN 307004. E021S6242877 01/04/2022 - 31/03/2027

Hér staðfestist að framkvæmdar hafa verið þykktarmælingar á ofangreindum geymi, í eigu og rekstri Olíudreifingar ehf, að ósk rekstraraðila. Niðurstöður mælinga eru skráðar á meðfylgjandi blaðsíður (teikningar) og eru öll mál í mm. Alls eru þar skráðar 200 niðurstöður. Þykktarmælir og nemar tengdir búnaðinum voru sannreynir og prófaðir með mælingum á stilliklossum fyrir, á meðan og að loknum mælingum.

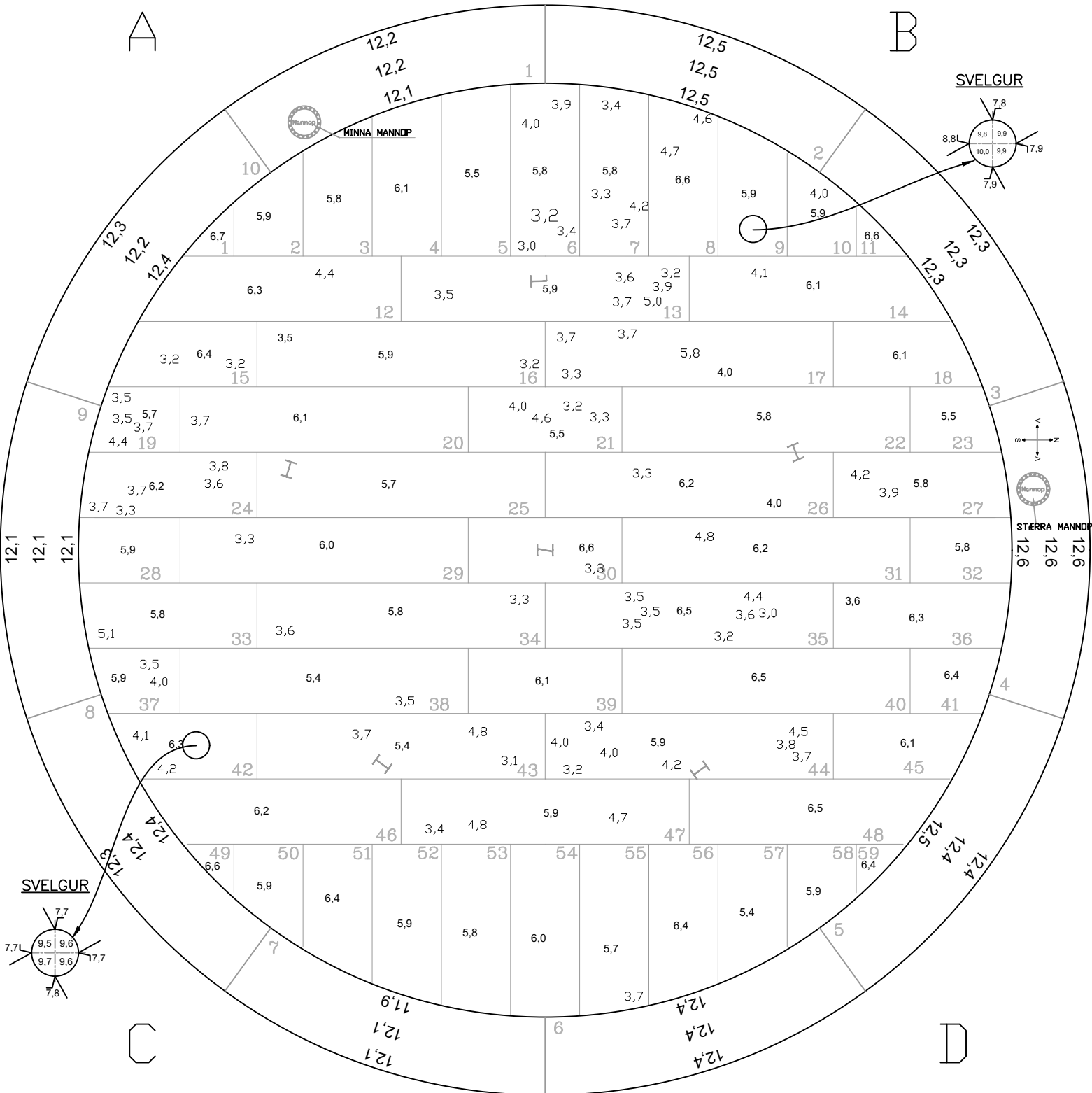
Skoðað/dags./af: 27/07/2022

Samþykkt/dags./af:



ÞYKKTARMÆLING

GEYMIR – GÓLF – FYRSTA PLÖTURÖÐ



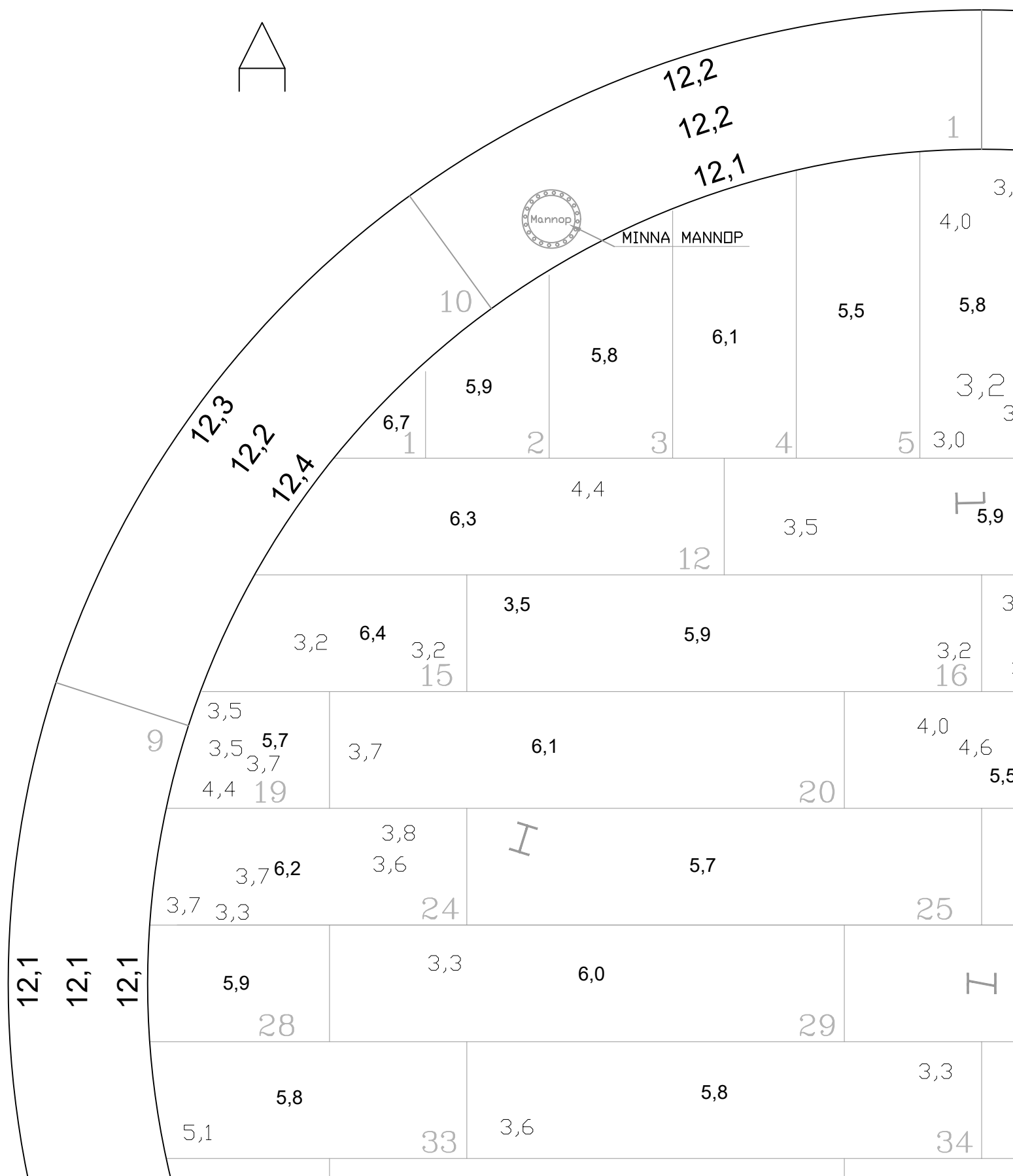
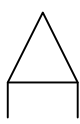
TEIKNING NR. 1 AF 18 TEIKNINGUM



ÞYKKTARMÆLINGAR (UTM)
 REKSTRARADILI: DLÍUDREIFING HF
 TILVÍSUN ÖKKAR: GEYMIR 10
 MÆLINGAR FRAMKV. JULÍ 2022
 STAÐUR: HVALFJÖRÐUR
 HLUTUR MÆLDUR: BIRGDAGEYMIR NR. 10
 FASTANUMER GEYMIS: T0129

UPPRUNALEG ÞYKKT Á GÓLFÍ: 6,35 MM
 MINNSTA ÞYKKT Á GÓLFÍ: 3,0 MM (Plata 6)
 MINNSTA ÞYKKT Á NEÐSTA UMFARI: 11,9 MM
 MINNSTA ÞYKKT Í SVELGI: 7,7 MM

TEIKNING ER EKKI Í MÆLIKVARÐA



MINNA MANNOP

12,1
12,1
12,1

12,3
12,2
12,4

12,2
12,2
12,1

9

10

6,7
1

5,9
2

5,8
3

6,1
4

5,5
5

1

4,0

5,8

3,2

3,0

6,3

4,4

12

3,5

5,9

3,2

6,4

3,2
15

3,5

5,9

3,2
16

3,5

3,5
3,7

4,4
19

3,7

6,1

4,0

4,6
5,5

20

3,8

3,6

I

5,7

3,7

3,7
6,2

3,3

24

25

5,9

3,3

6,0

H

28

29

5,8

5,8

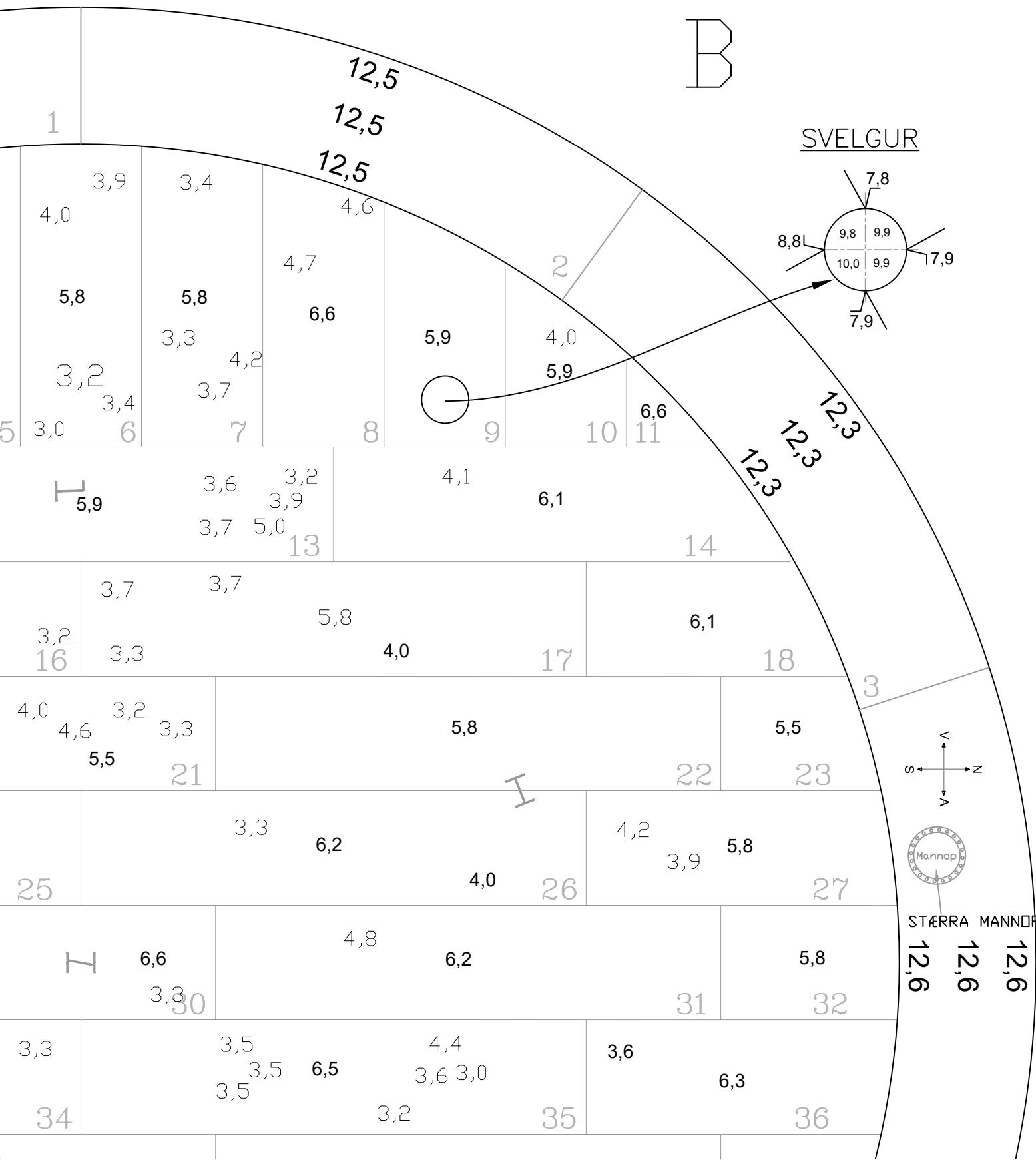
3,3

5,1

33

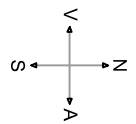
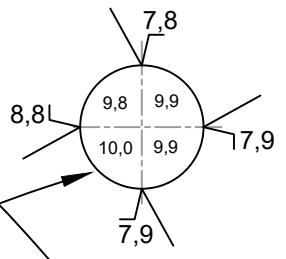
3,6

34



B

SVELGUR



STÆRRA MANNOR

12,6
12,6
12,6

1

12,5
12,5
12,5

3,9 3,4
4,0
5,8
3,2 3,4
3,0 6
4,7
6,6
5,9
4,0
5,9
6,6



2

12,3
12,3
12,3

H
5,9

3,6 3,2
3,9
3,7 5,0
13

4,1
6,1

14

3,7 3,7

3,2
16

3,3

5,8

4,0

17

6,1

18

4,0 3,2 3,3
4,6
5,5
21

5,8

5,5

23

3,3 6,2

I

22

4,2

3,9

5,8

25

4,0

26

27

H

6,6

4,8

6,2

5,8

3,3
30

31

32

3,3

3,5 4,4
3,5 6,5 3,6 3,0
3,5

3,6

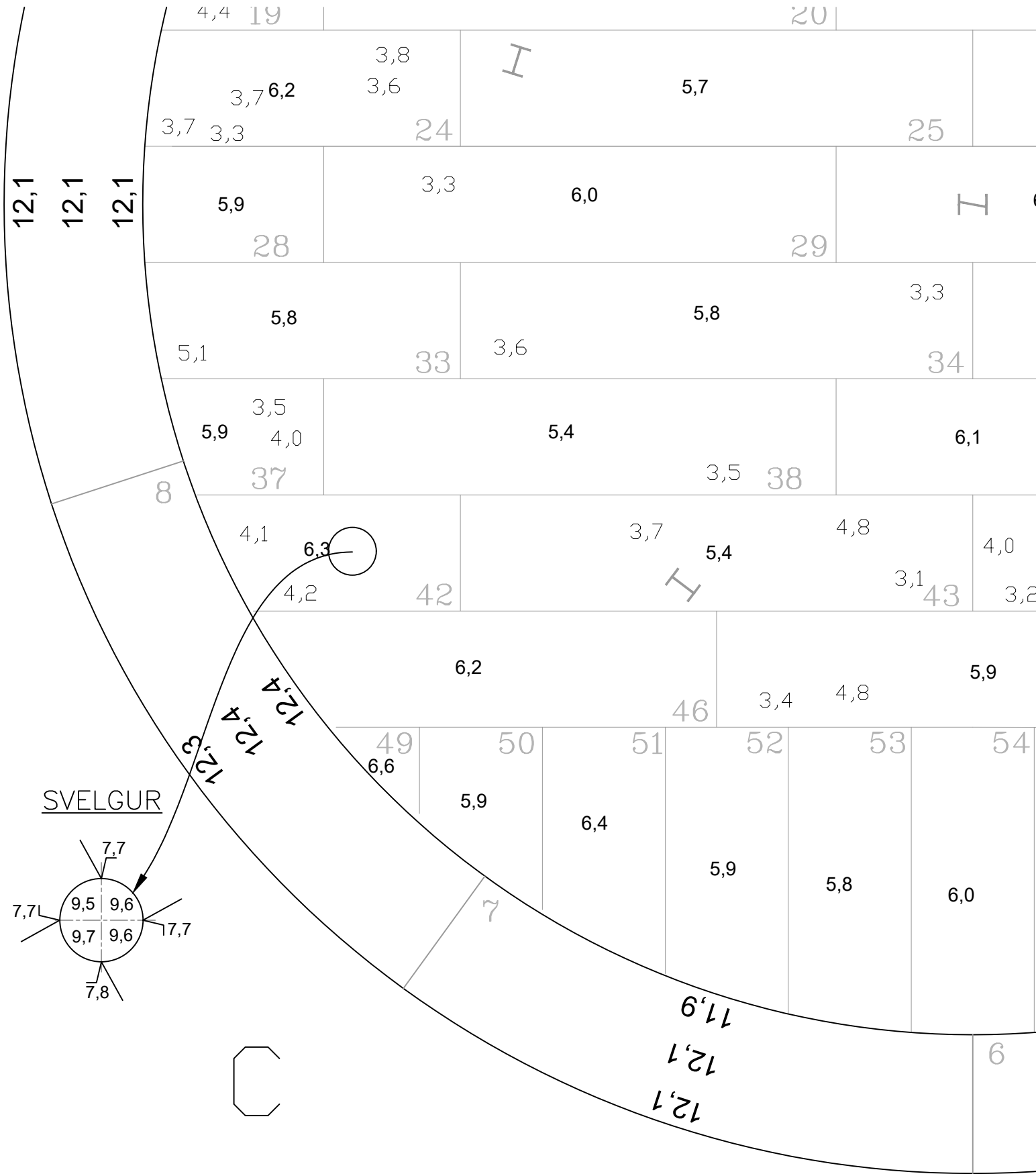
6,3

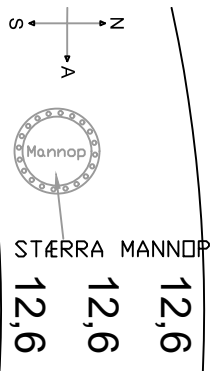
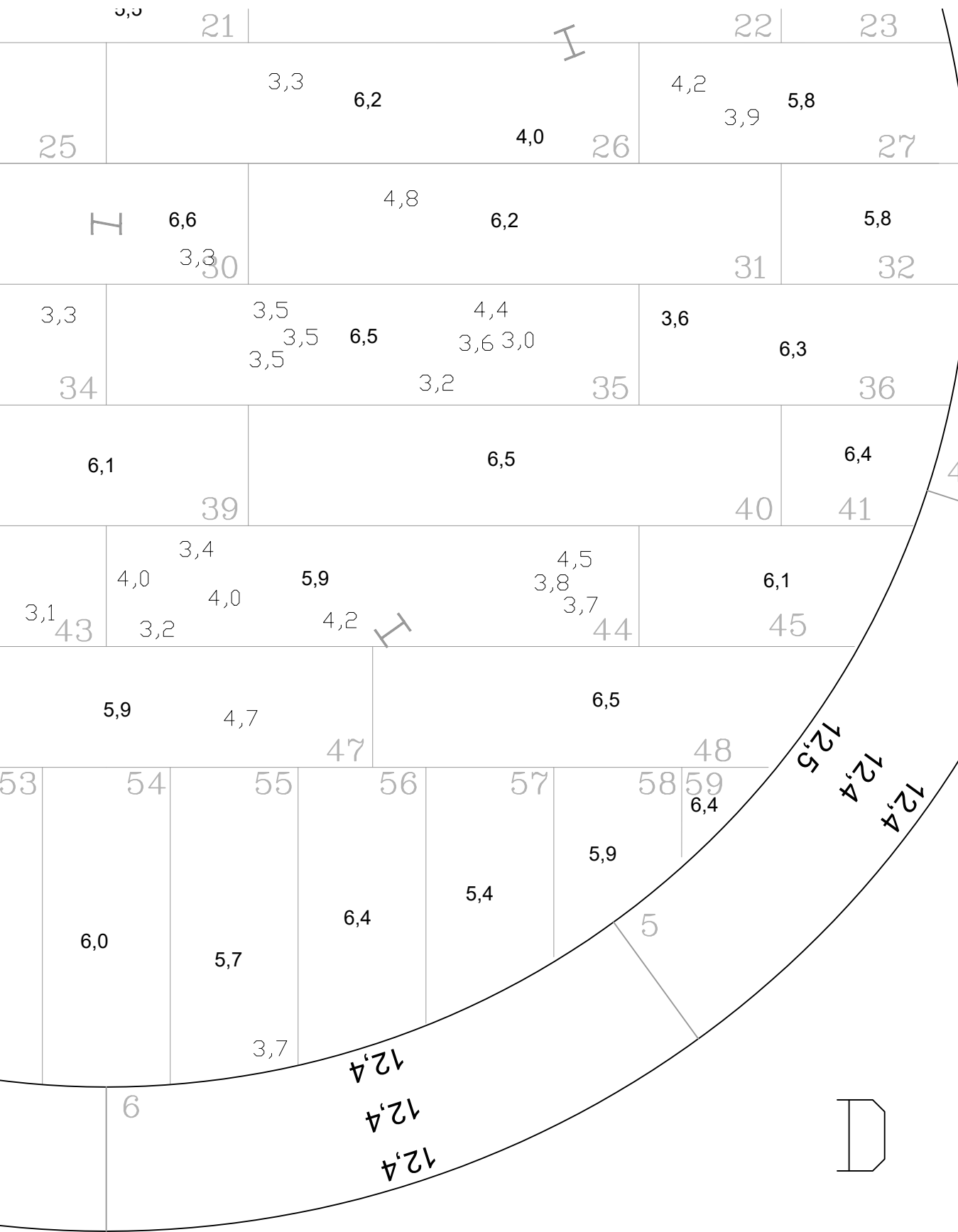
34

3,2

35

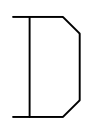
36





12,5
12,4
12,4

12,4
12,4
12,4



Myndir frá geymi 9



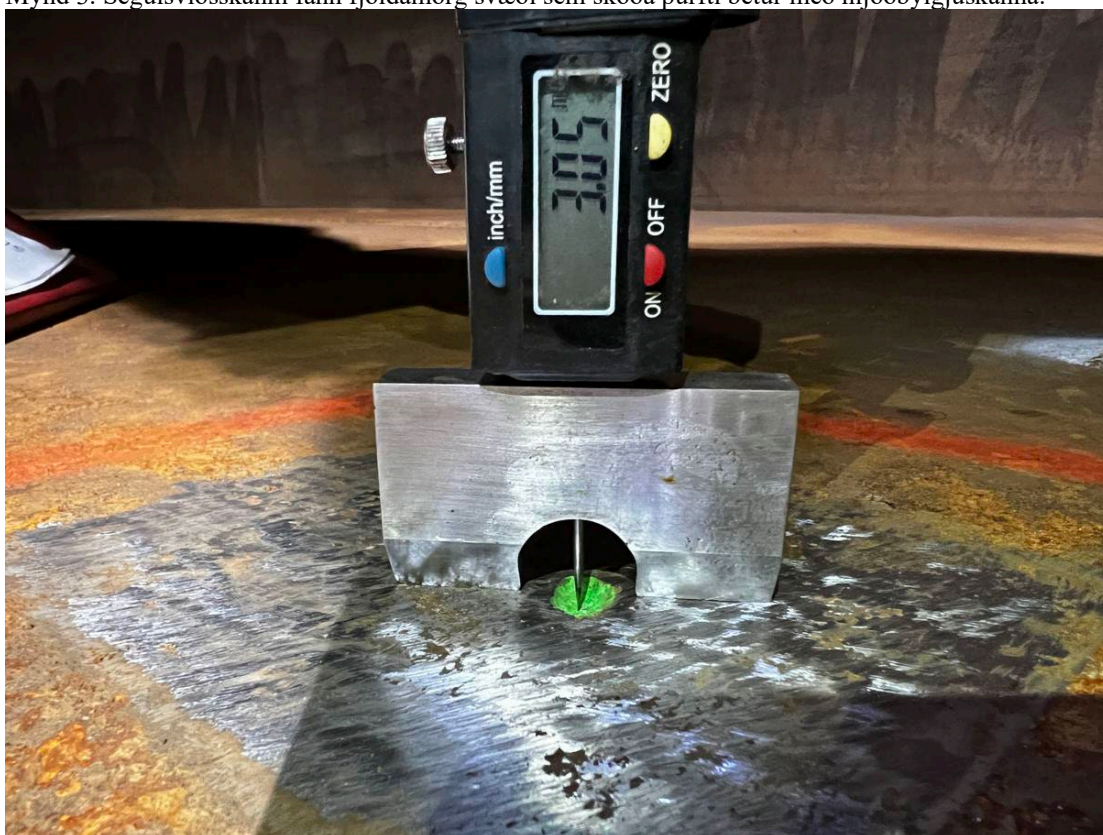
Mynd 1: Þak geymis.



Mynd 2. Gólf geymis.



Mynd 3. Segulsviðsskanni fann fjöldamörg svæði sem skoða þurfti betur með hljóðbylgjuskanna.



Mynd 4. Mest var um tæringu að ræða neðan frá en í plötu 24 var 3mm djúpur pyttur í 5,7 mm þykkri plötu..



Mynd 5 og 6. Yfirborð platna er yfirleitt pyttað. Slípað var í verstu pyttina og mælt með þykktarmæli.



Mynd 7. Viðgerðarbót í plötu 5



Mynd 8. Viðgerðarbót í plötu 34



Mynd 9. Viðgerðarbót í plötu 24



Mynd 10. Viðgerðarbót í plötu 17



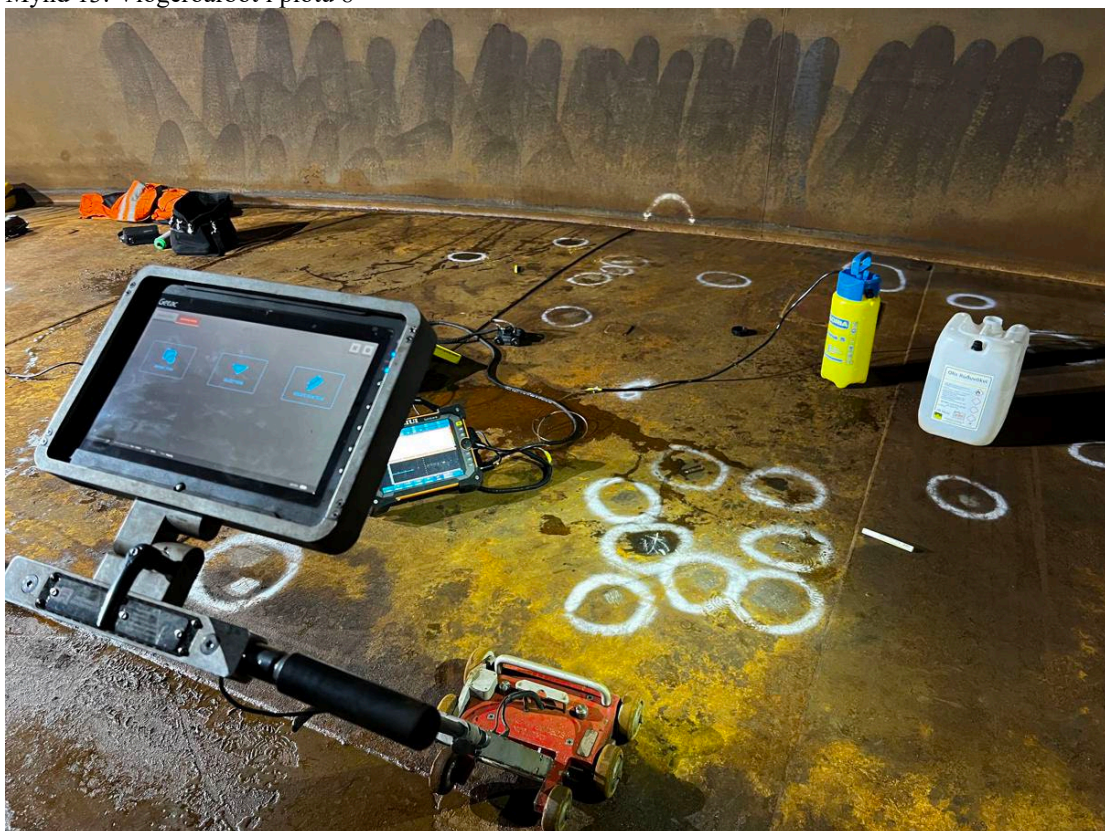
Mynd 11. Viðgerðarbót í plötu 17



Mynd 12. Viðgerðarbót í plötu 17



Mynd 13. Viðgerðarbót í plötu 8



Mynd 14. Skannar að störfum.



ENTERPRISES
INCORPORATED



MFE Scan Survey Report



SKÝRSLA NR: TM-MFL-GEYMIR-9-T0129-2022

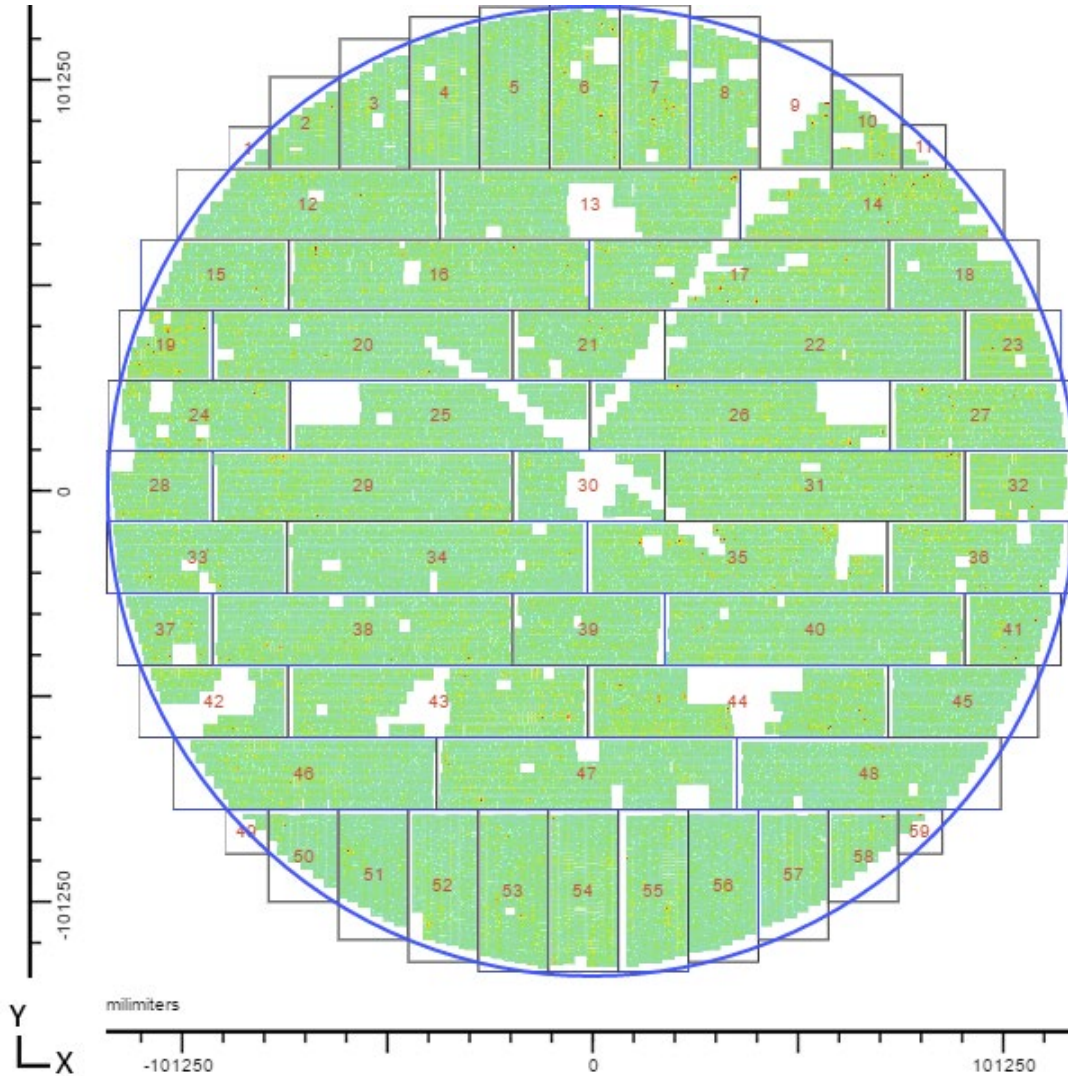
Umsjónaraðili: Olíudreifing
Unnið af: Gísli Arnar Guðmundsson
Fyrirtæki: HD ehf

Dags.skoðanna: July 2022
Dags.skýrslu: 27 July 2022
Umbeðið af: Ari Elísson



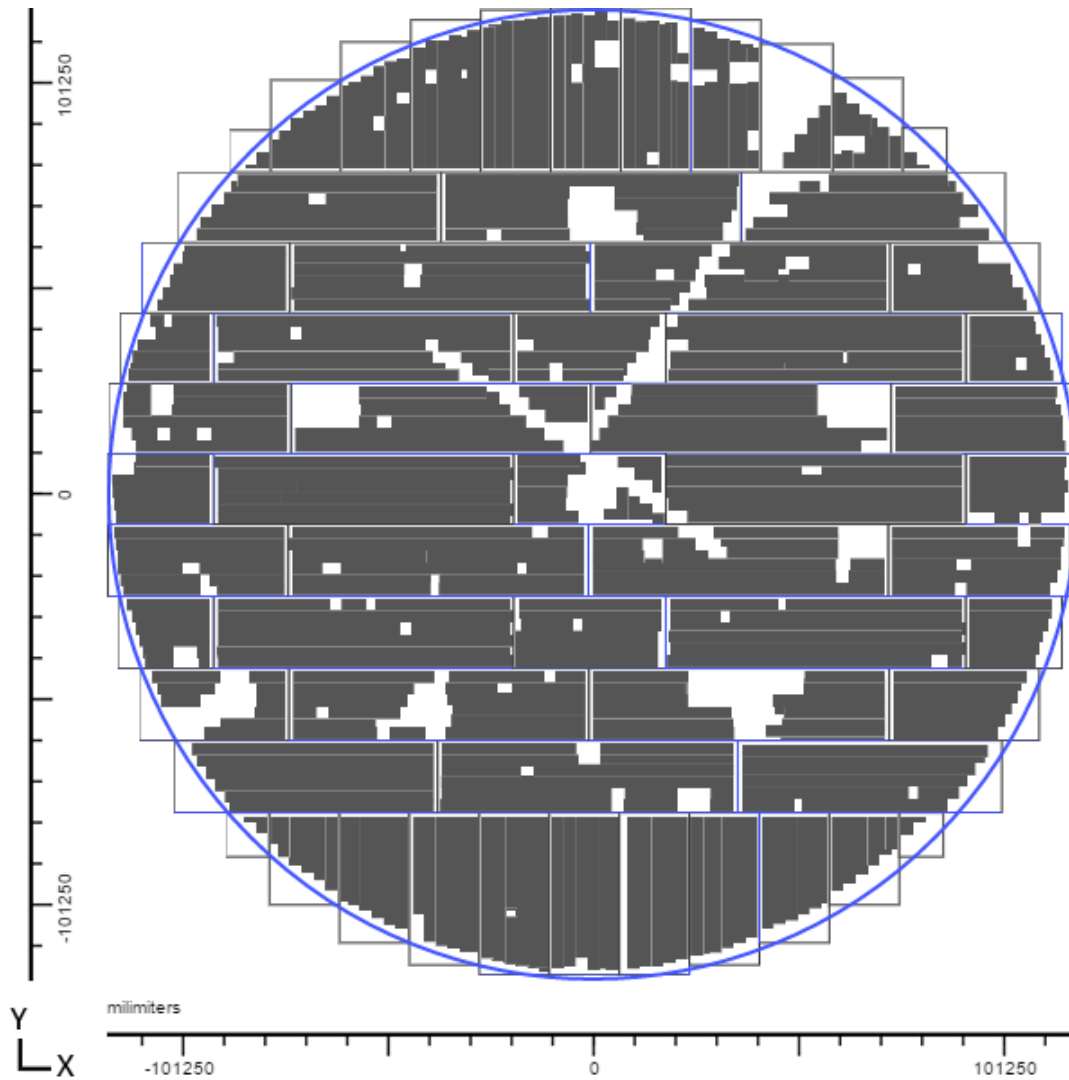


Tank Overview



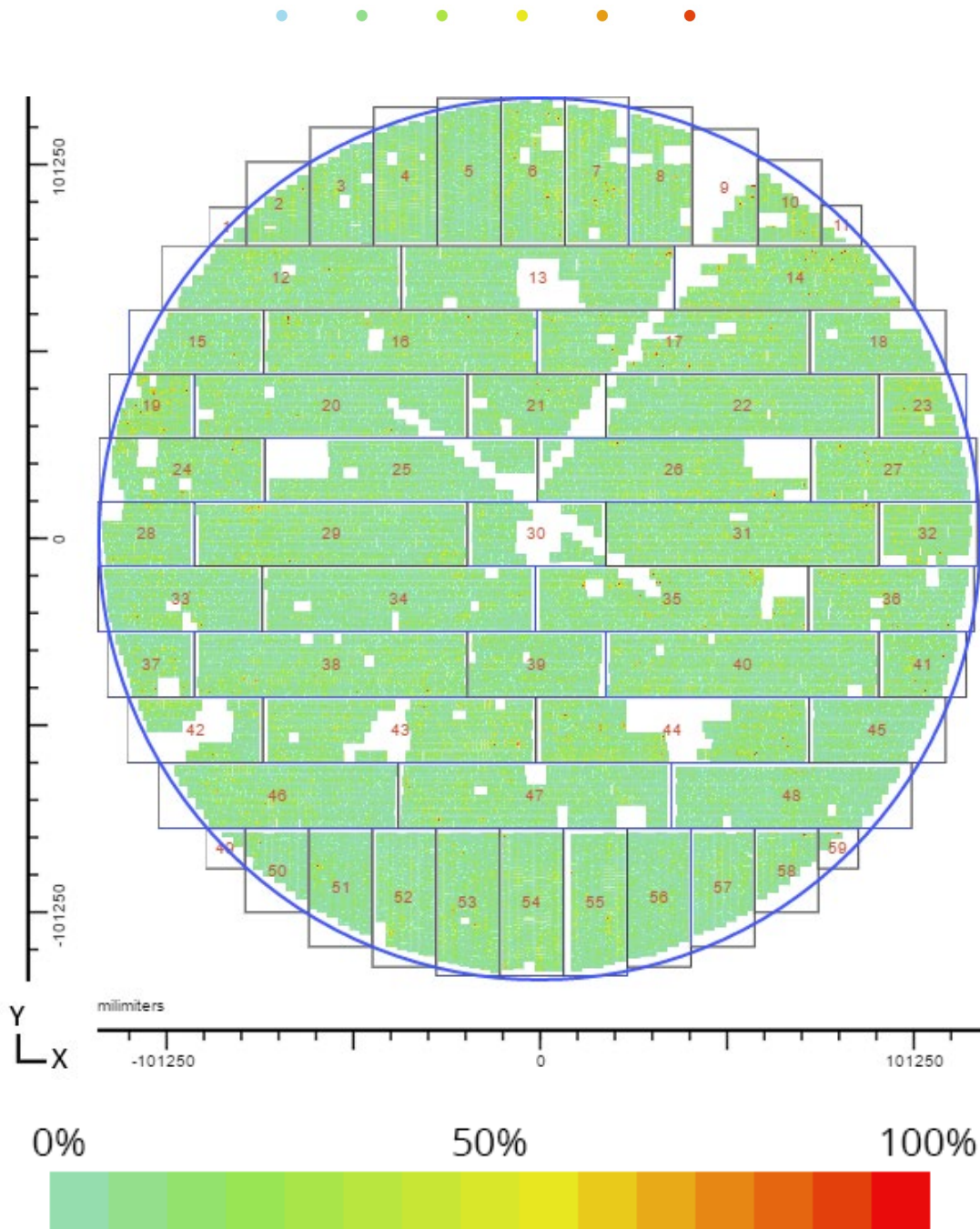


Track Coverage Overview





Maximum Defects on a 100x100 Grid





Maximum Defect by Plate

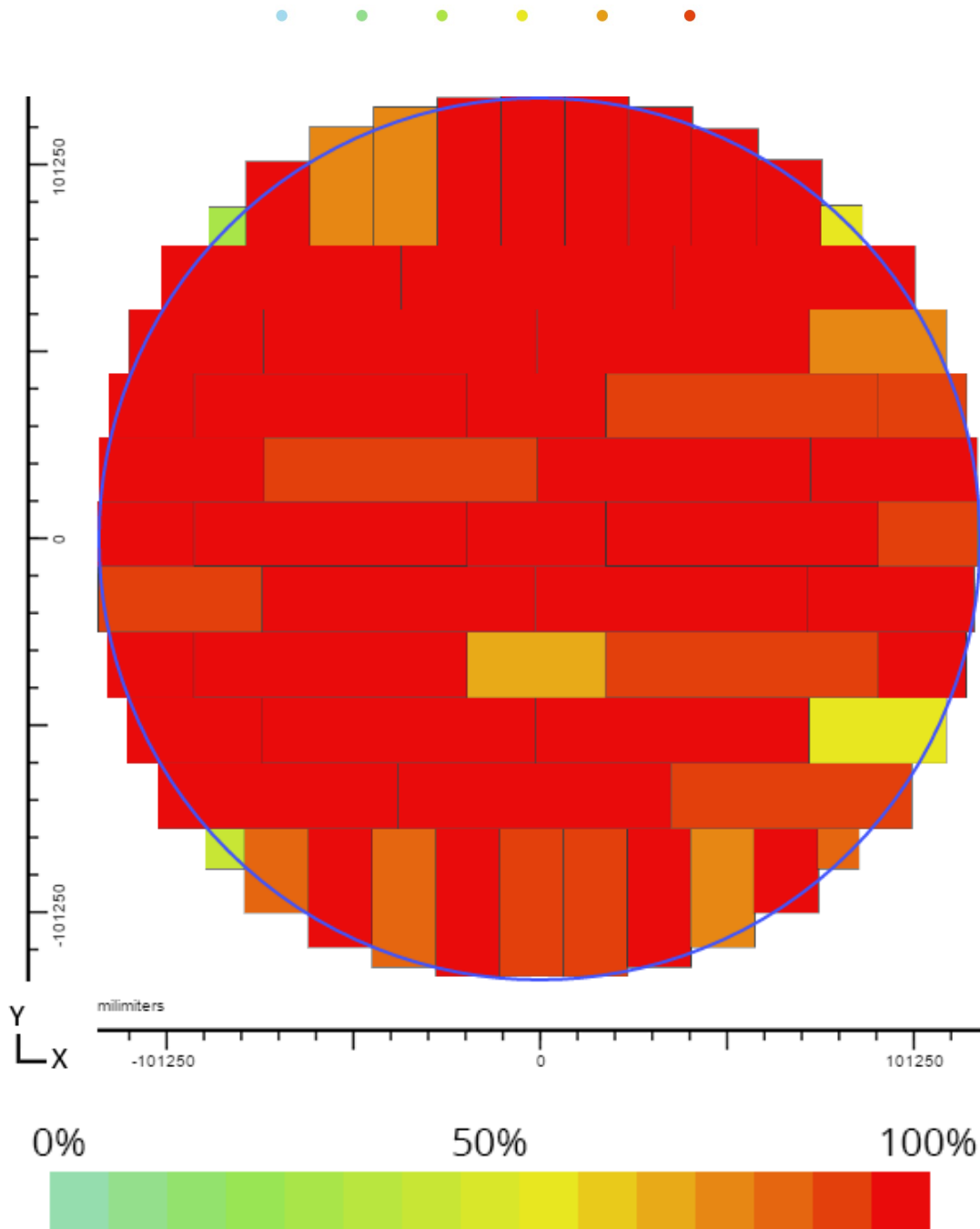




Plate Number 1

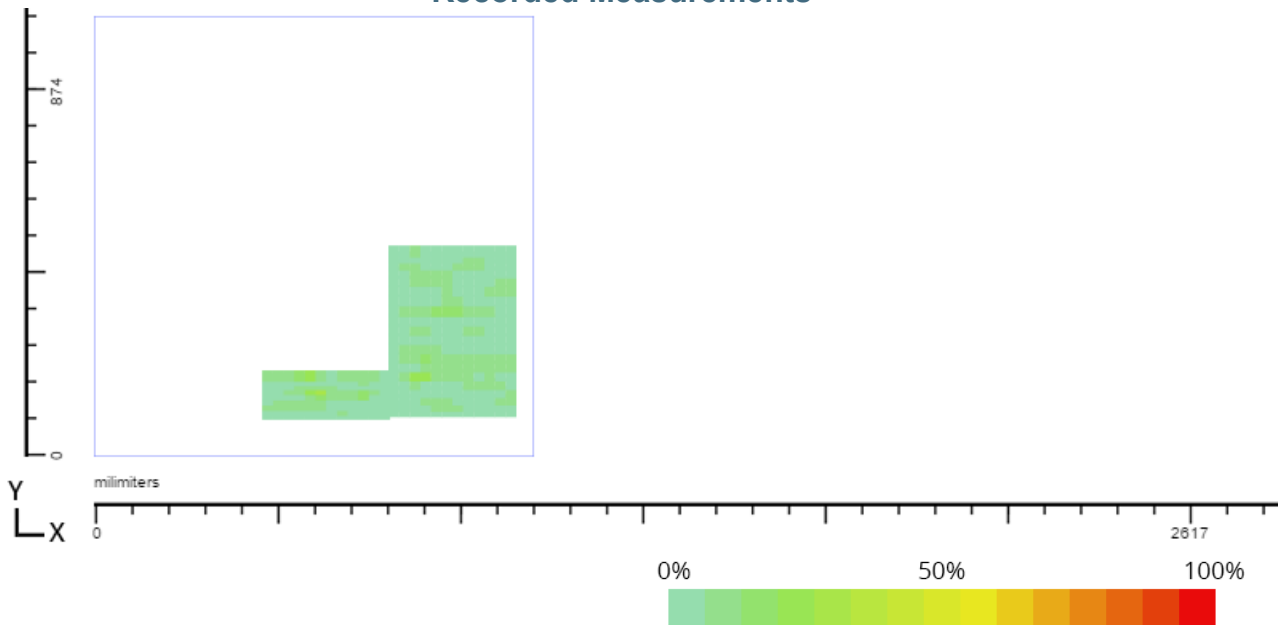


Maximum Signal Height:
33.3%

Plate Width:
1048.51mm

Plate Height:
1048.51mm

Recorded Measurements



Scanned Track Outlines

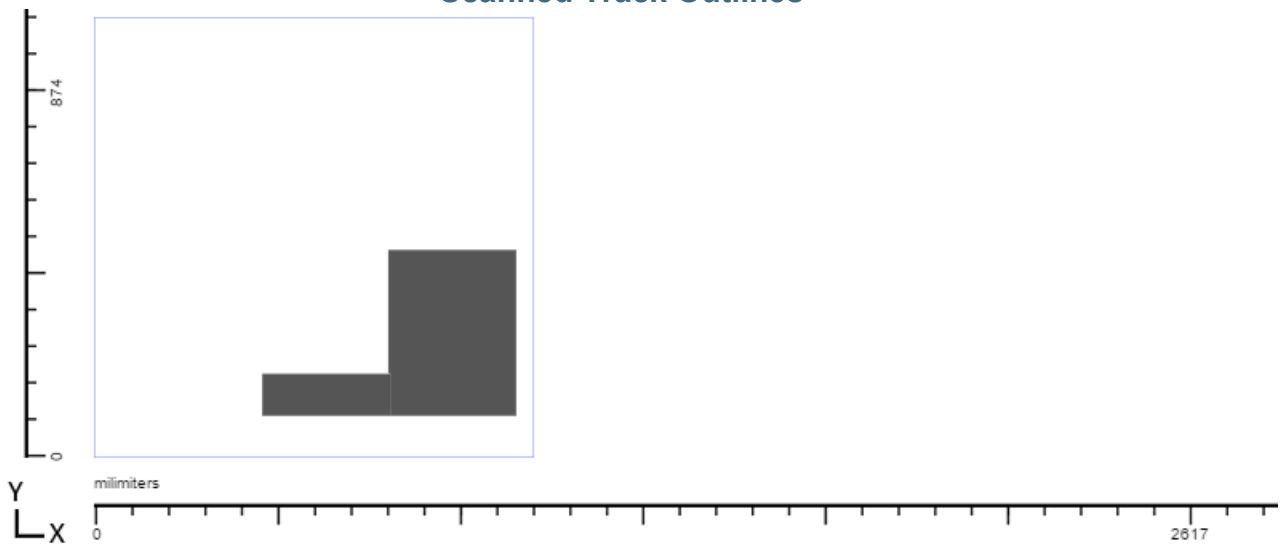




Plate Number 2

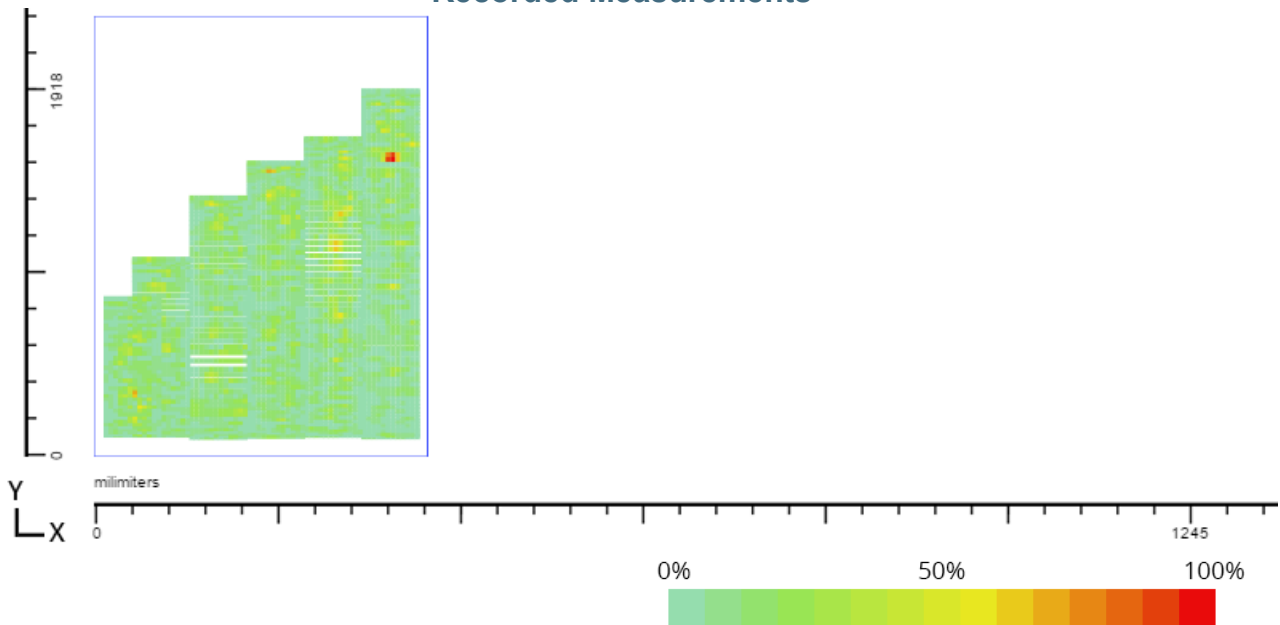


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
2301.24mm

Recorded Measurements



Scanned Track Outlines

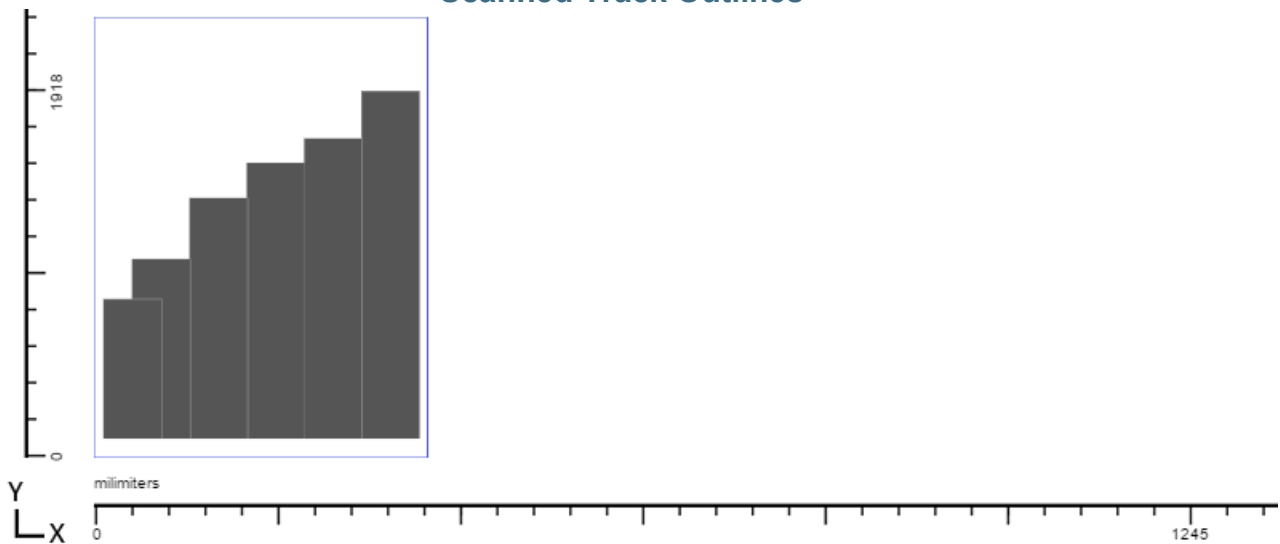




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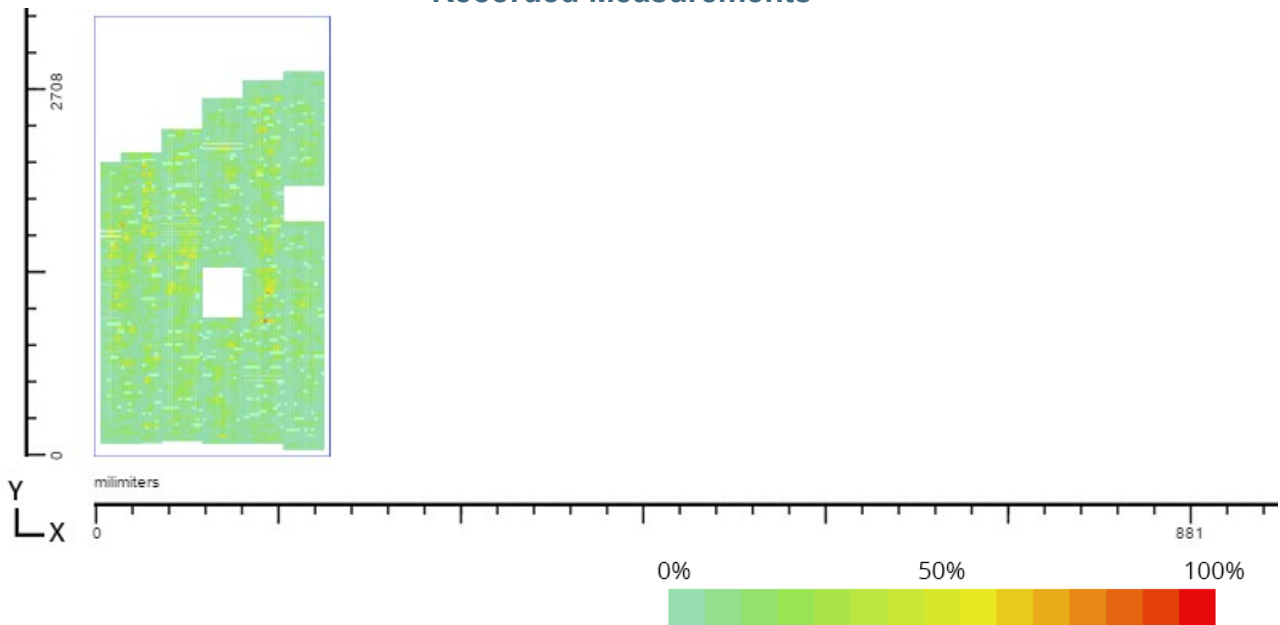


Maximum Signal Height: 80%

Plate Width:
1749.55mm

Plate Height:
3249.17mm

Recorded Measurements



Scanned Track Outlines

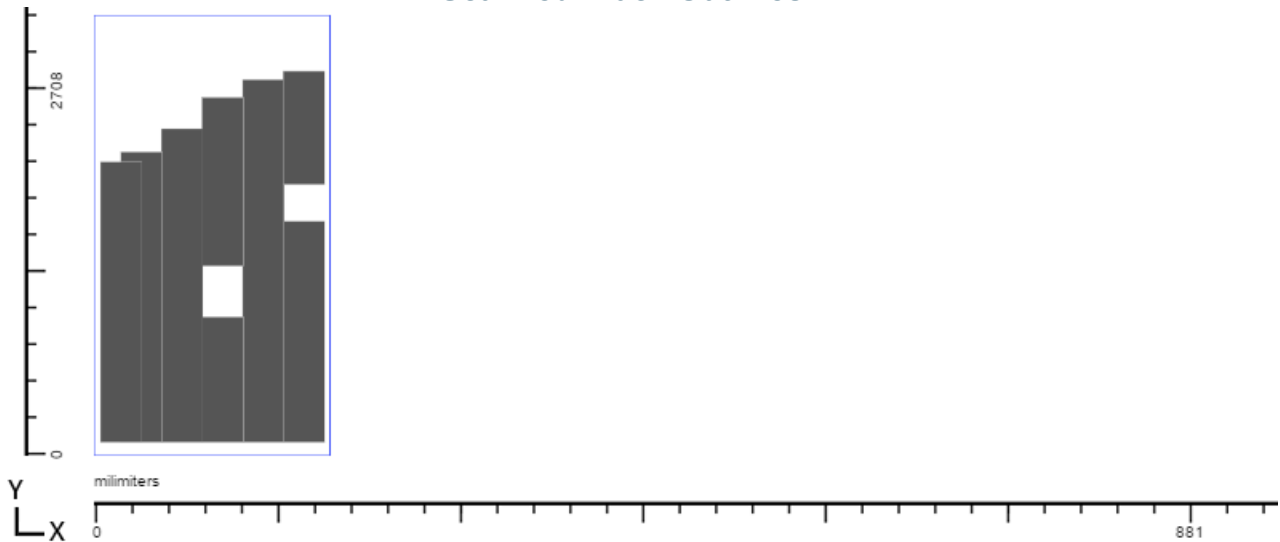




Plate Number 4

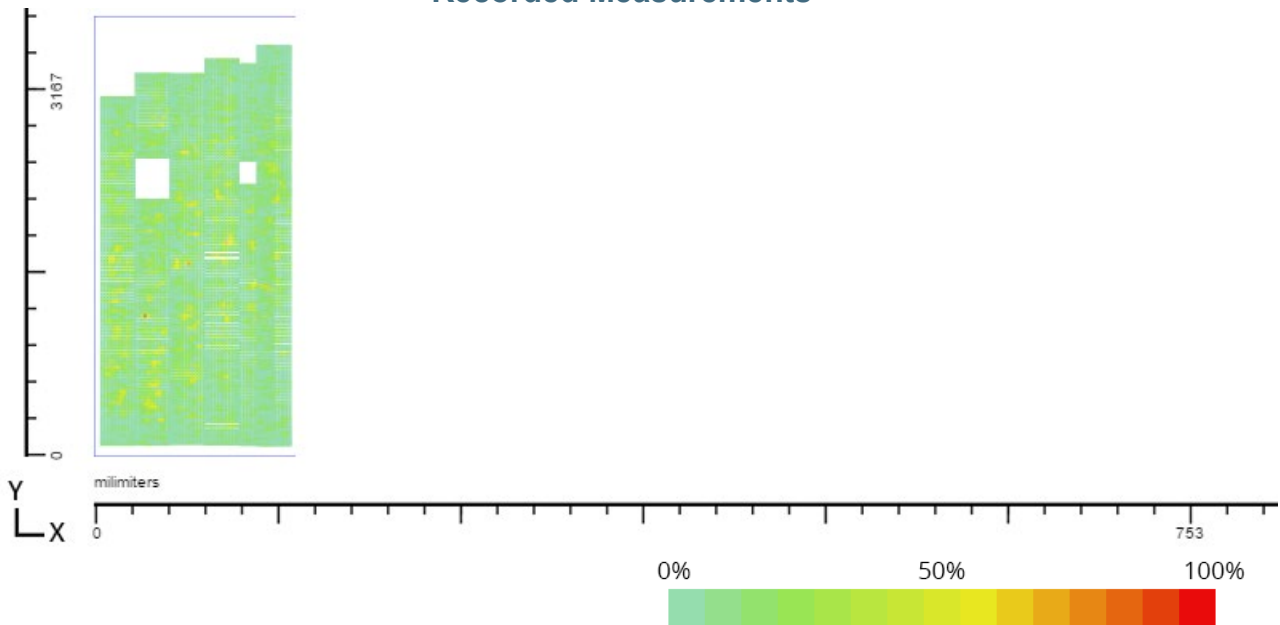


Maximum Signal Height: 80%

Plate Width:
1749.55mm

Plate Height:
3800.86mm

Recorded Measurements



Scanned Track Outlines

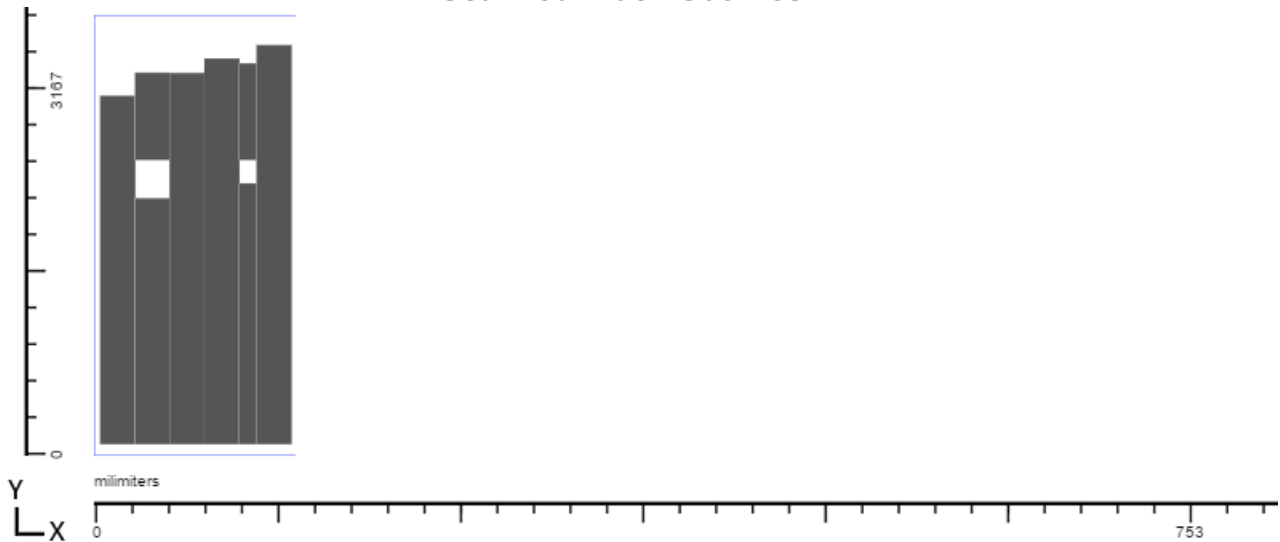




Plate Number 5

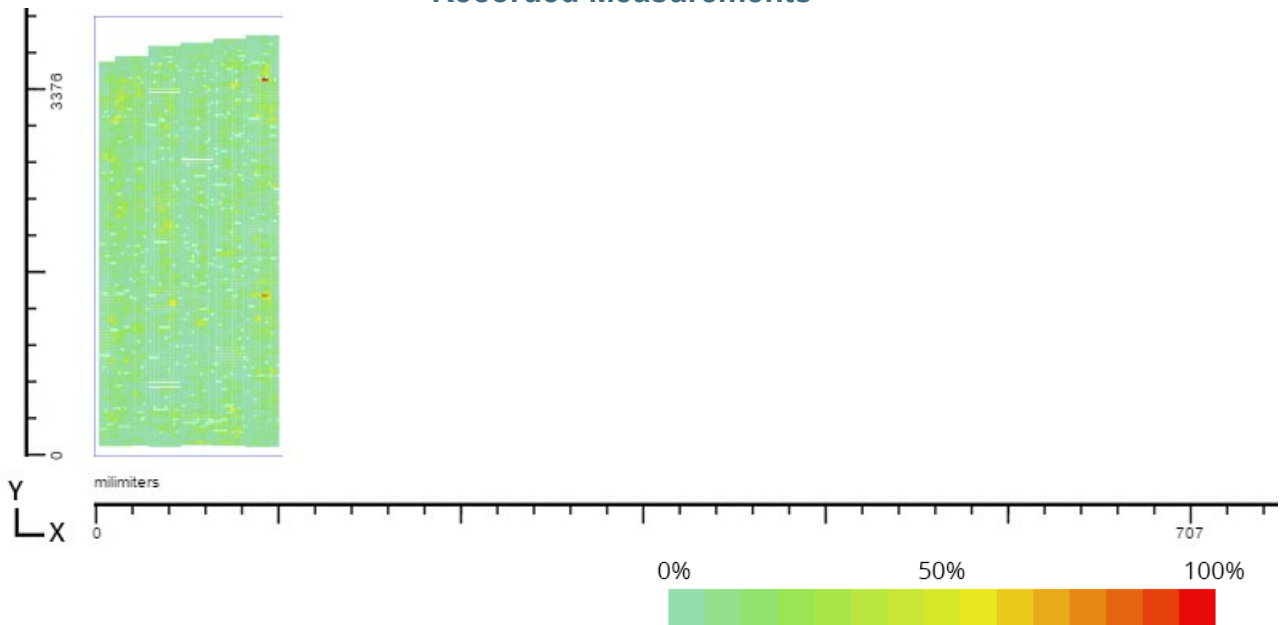


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
4050.79mm

Recorded Measurements



Scanned Track Outlines

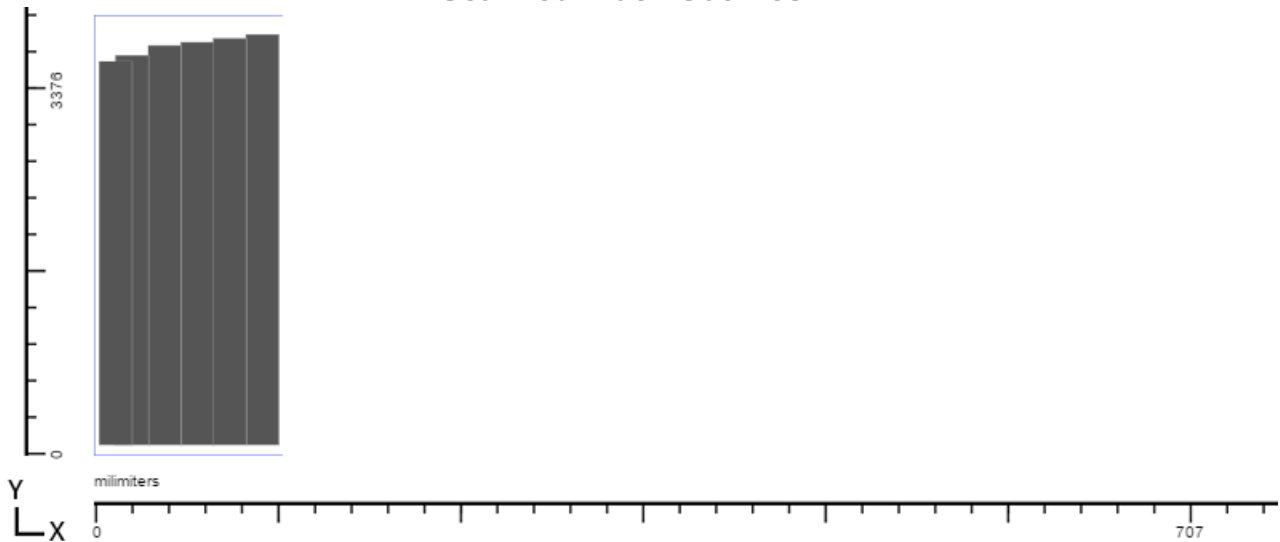




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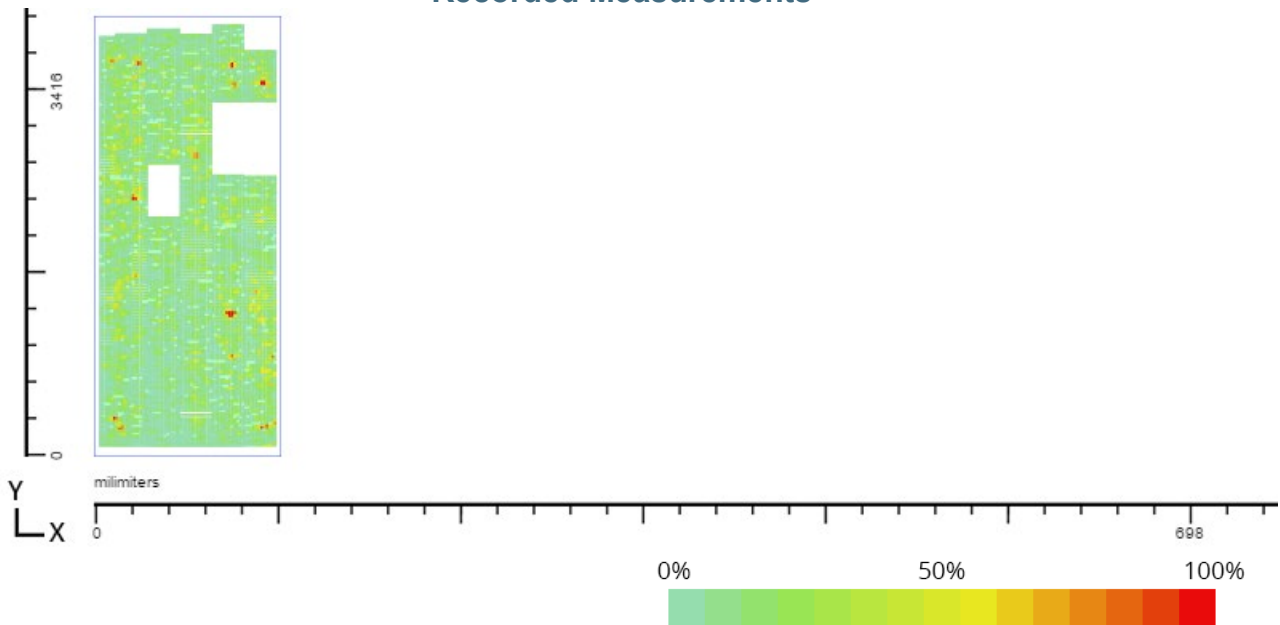


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
4099.56mm

Recorded Measurements



Scanned Track Outlines

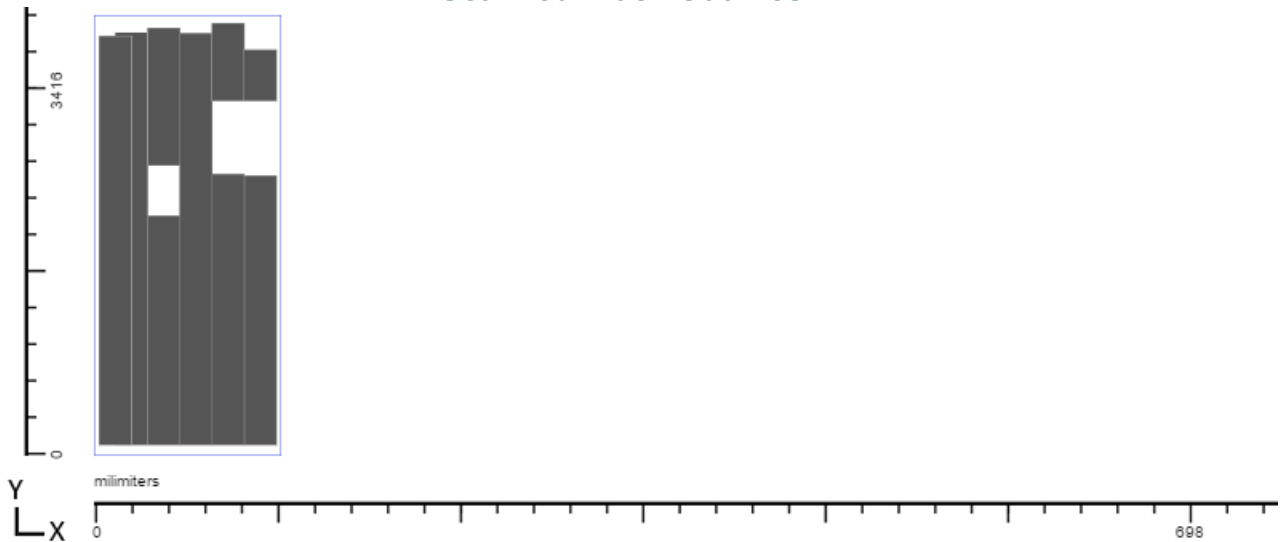




Plate Number 7

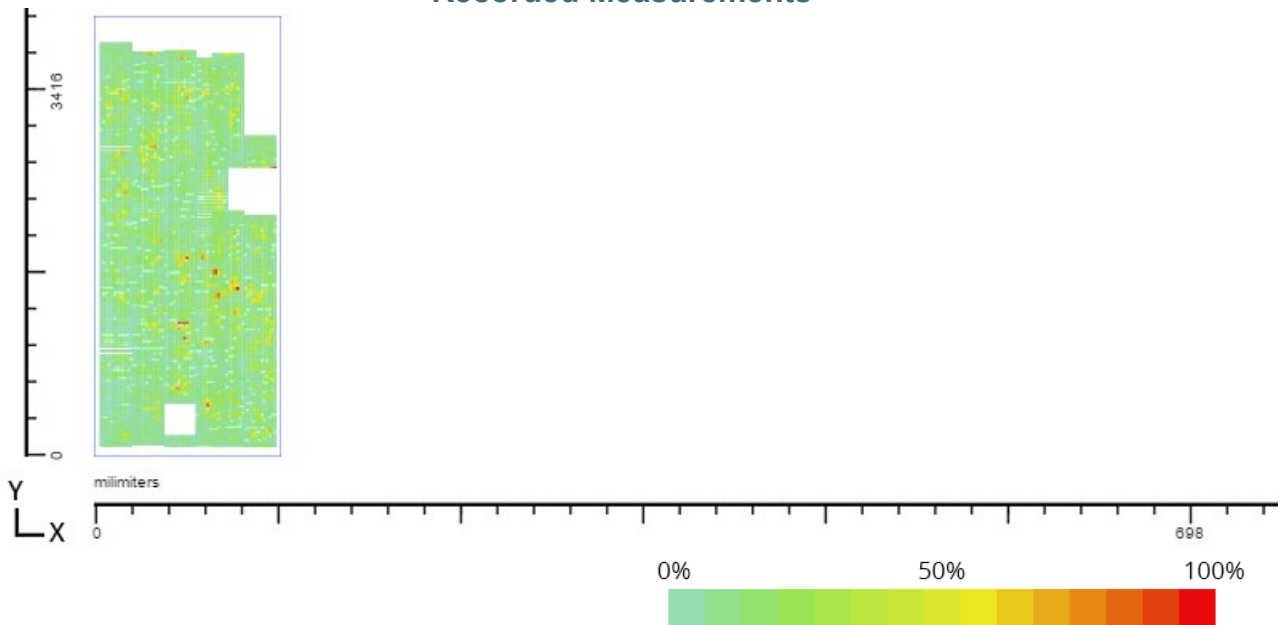


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
4099.56mm

Recorded Measurements



Scanned Track Outlines

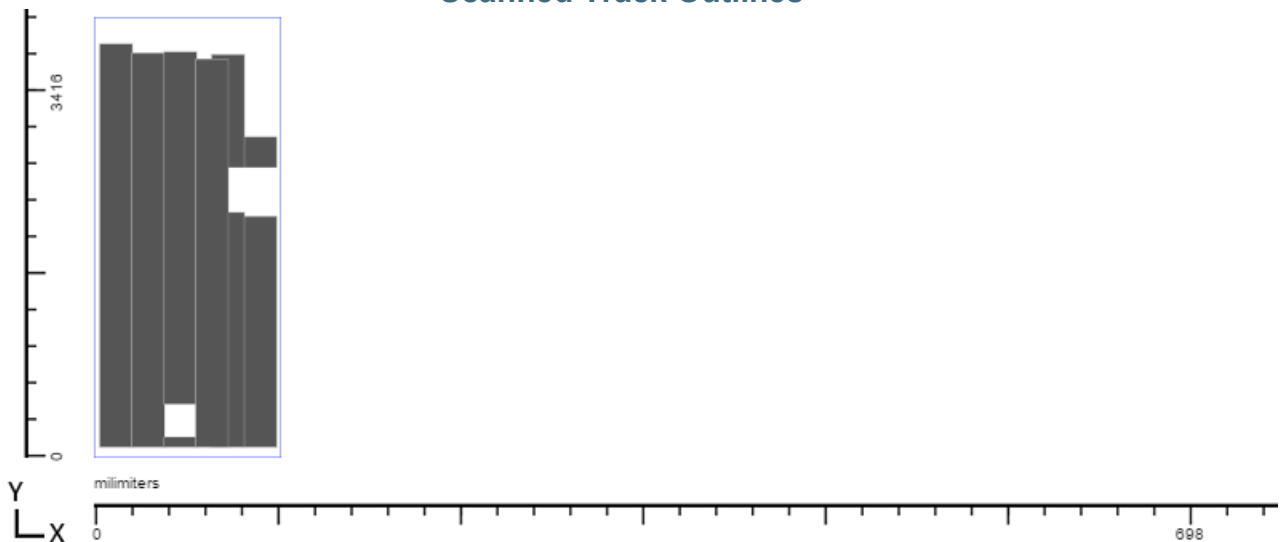




Plate Number 8

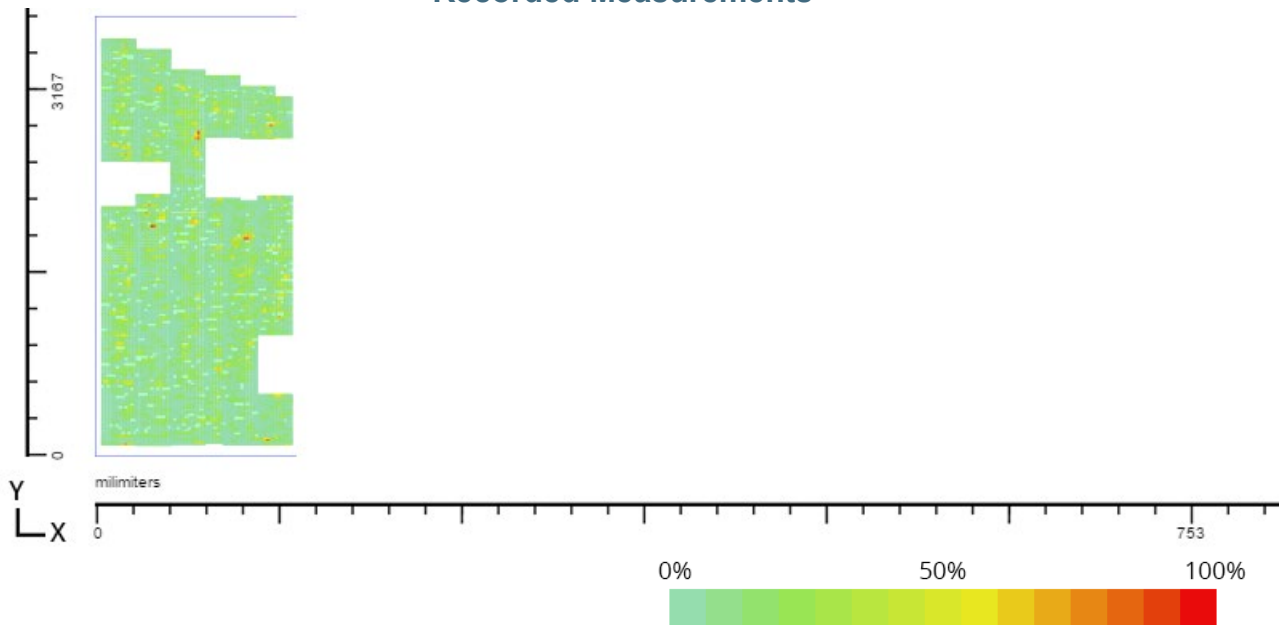


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
3800.86mm

Recorded Measurements



Scanned Track Outlines

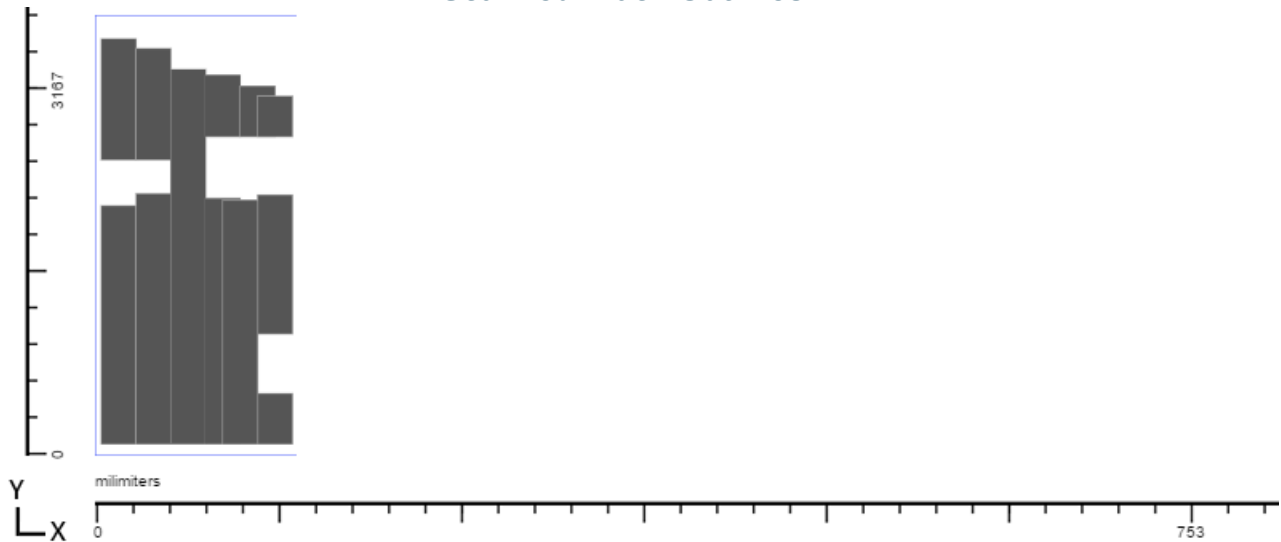




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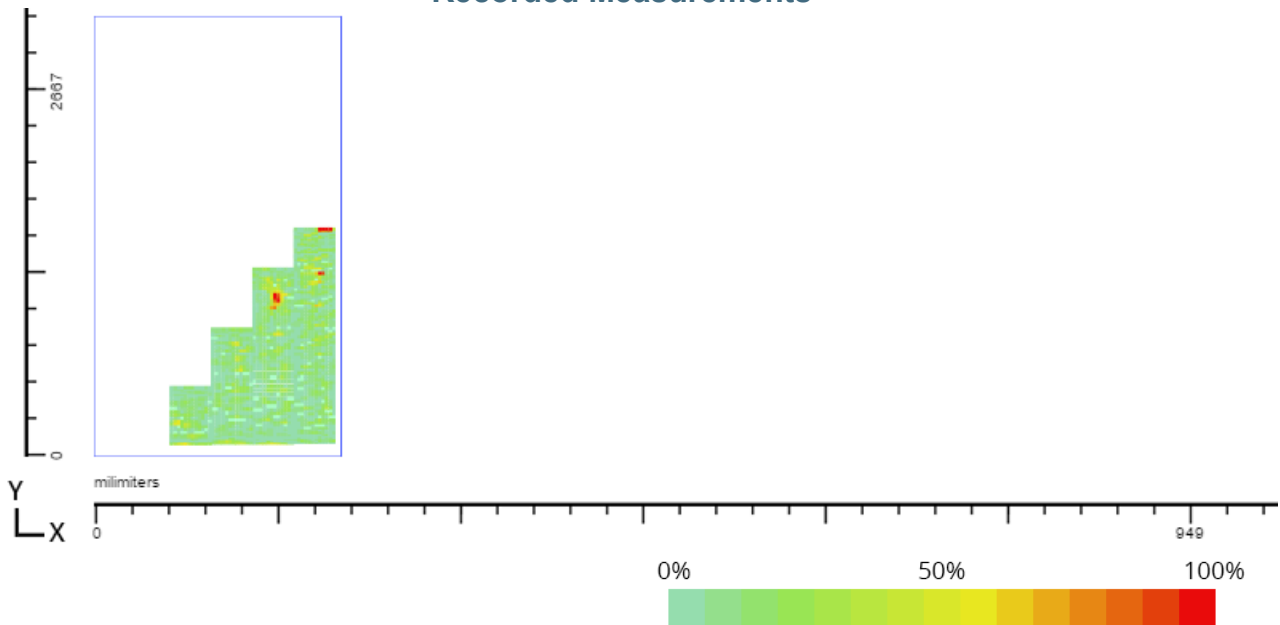


Maximum Signal Height: 100%

Plate Width:
1801.37mm

Plate Height:
3200.4mm

Recorded Measurements



Scanned Track Outlines

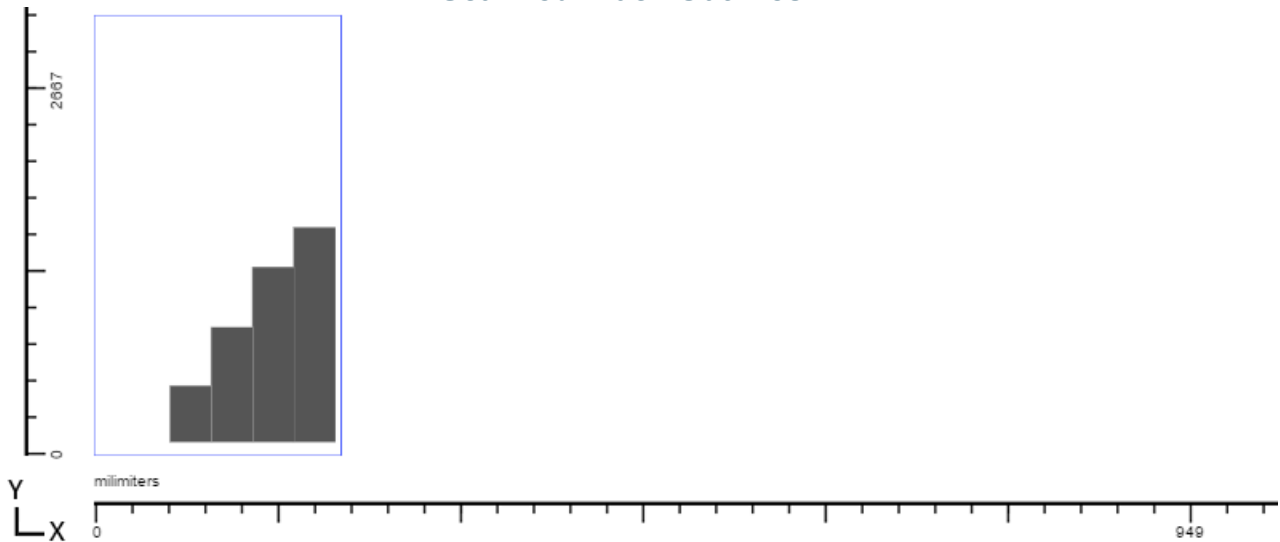




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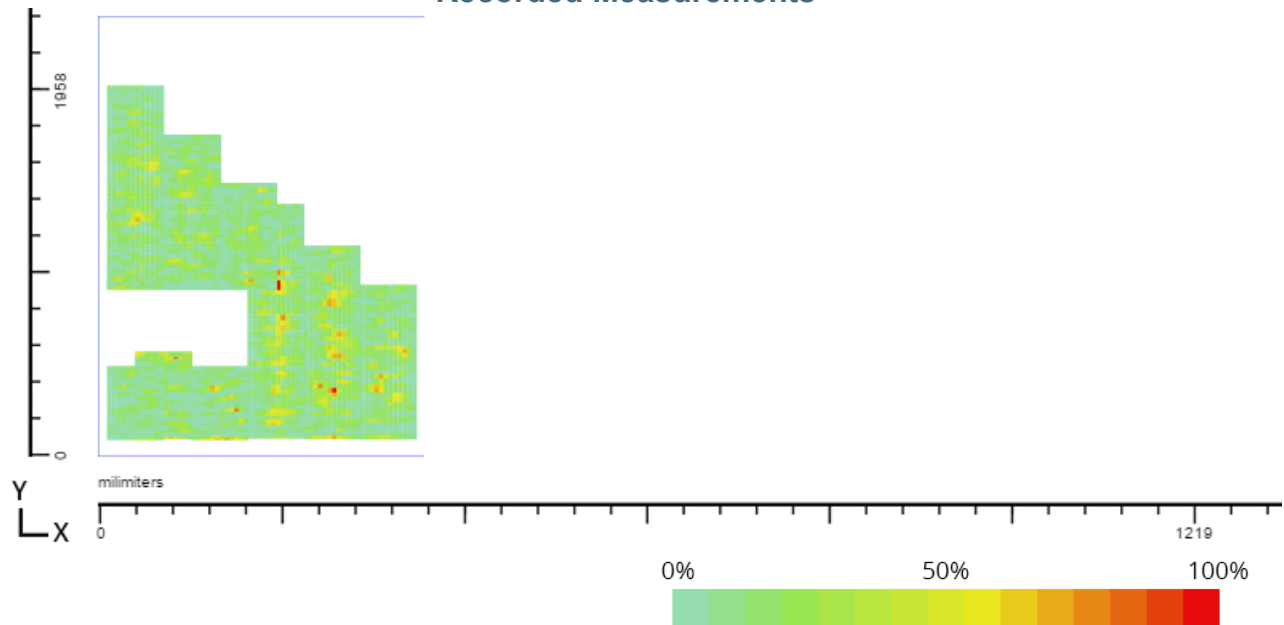


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
2350.01mm

Recorded Measurements



Scanned Track Outlines

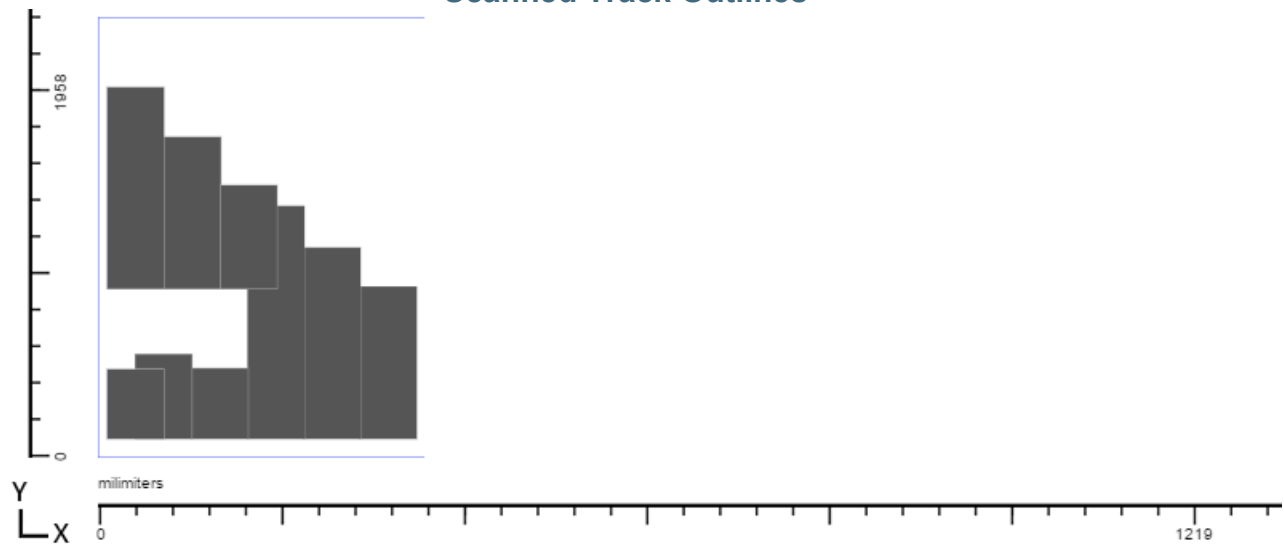




Plate Number 11

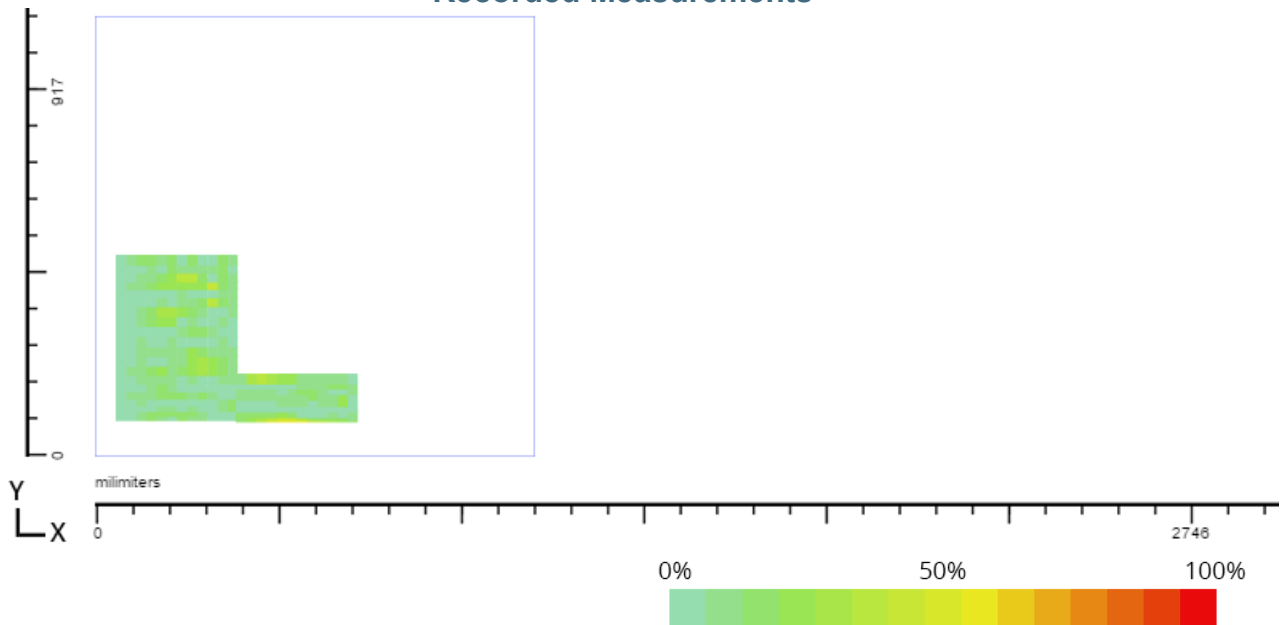


Maximum Signal Height: 60%

Plate Width:
1100.33mm

Plate Height:
1100.33mm

Recorded Measurements



Scanned Track Outlines

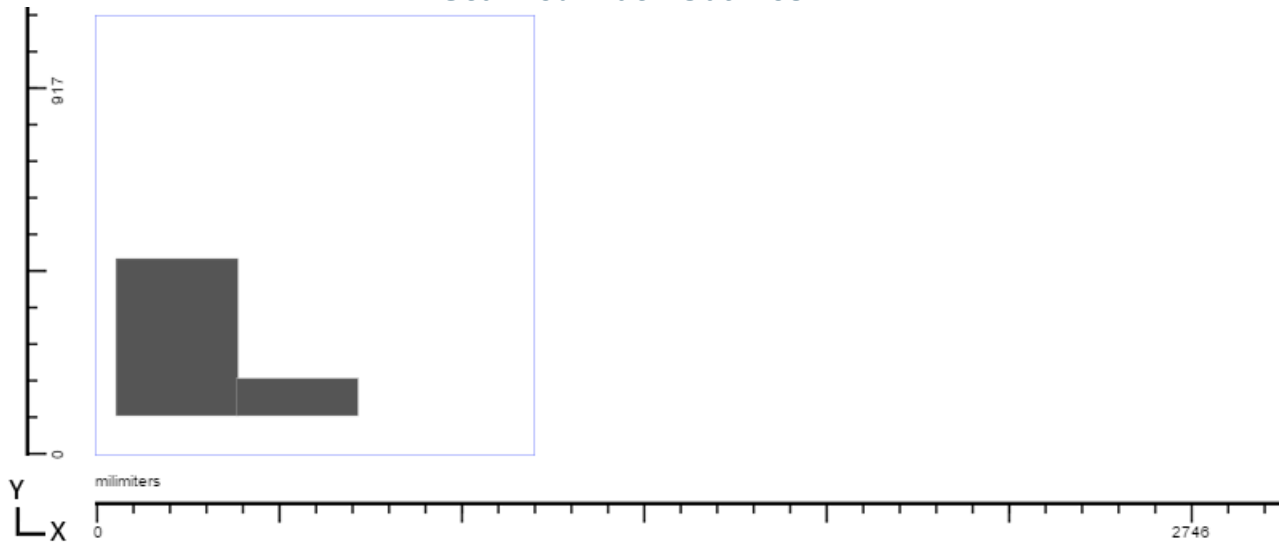




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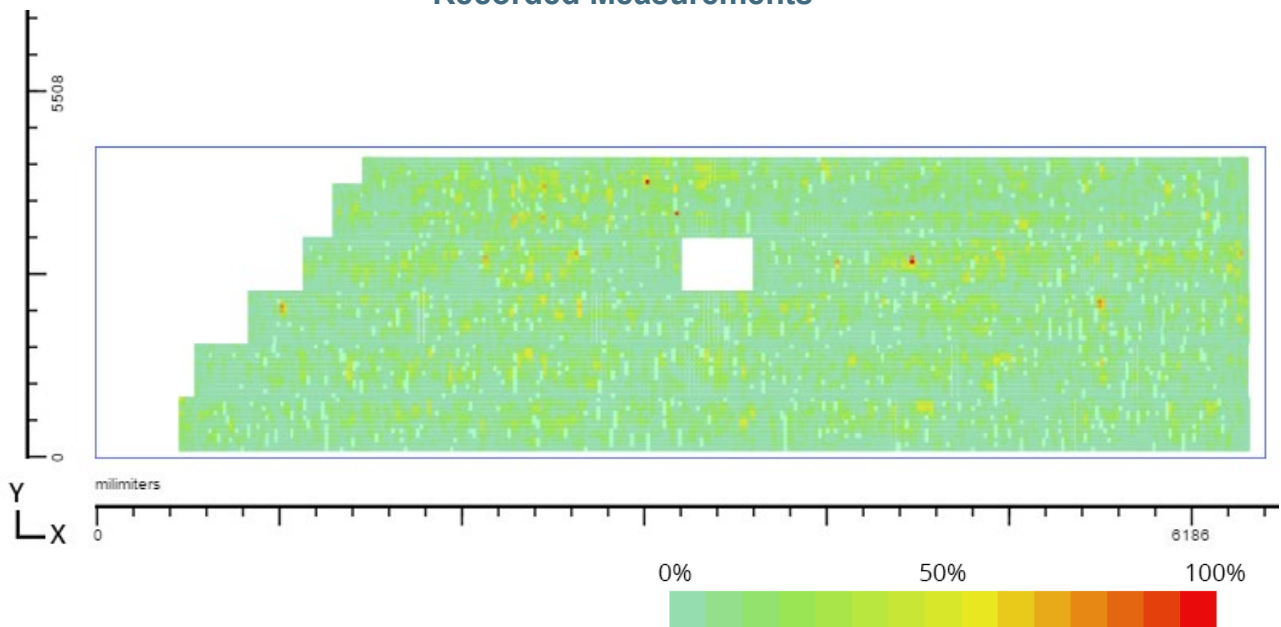


Maximum Signal Height: 100%

Plate Width:
6598.92mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

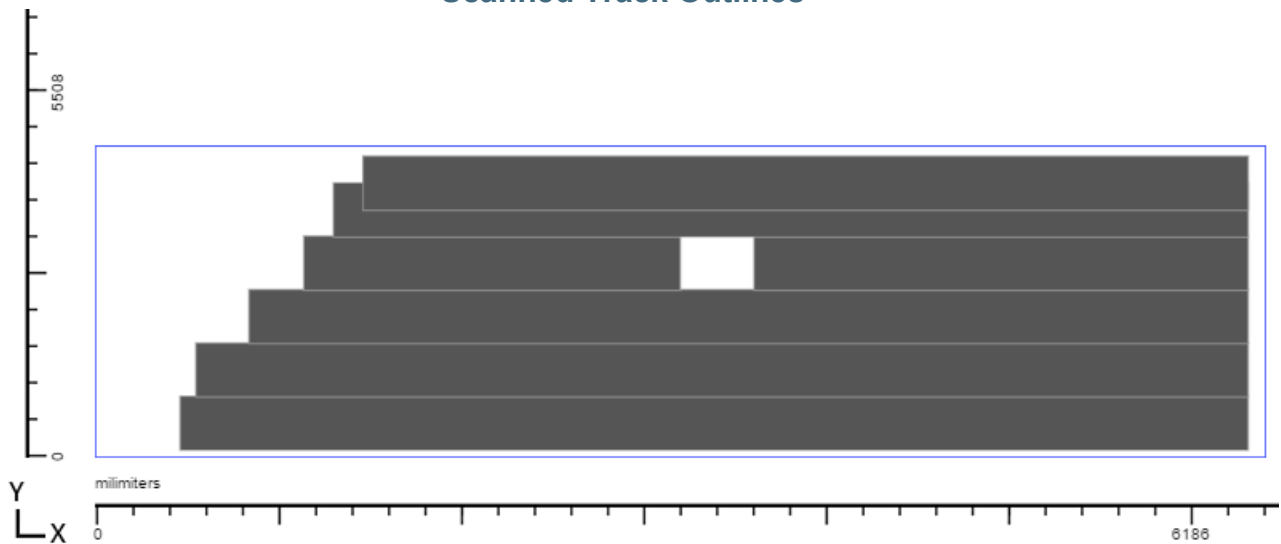




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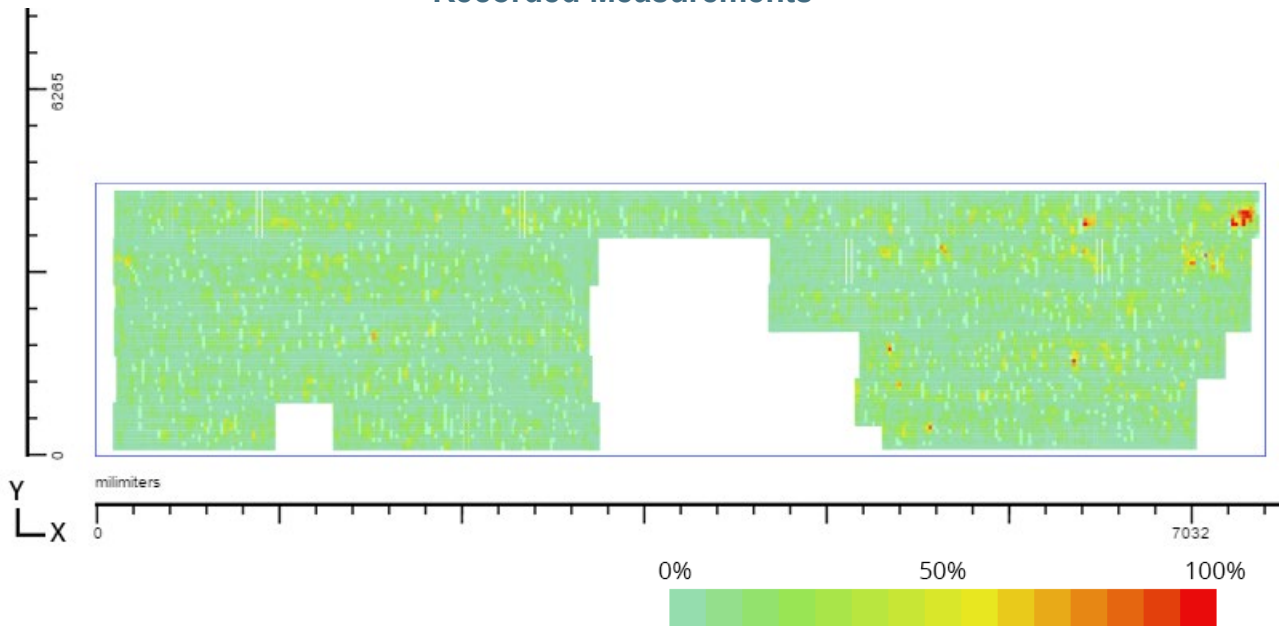


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

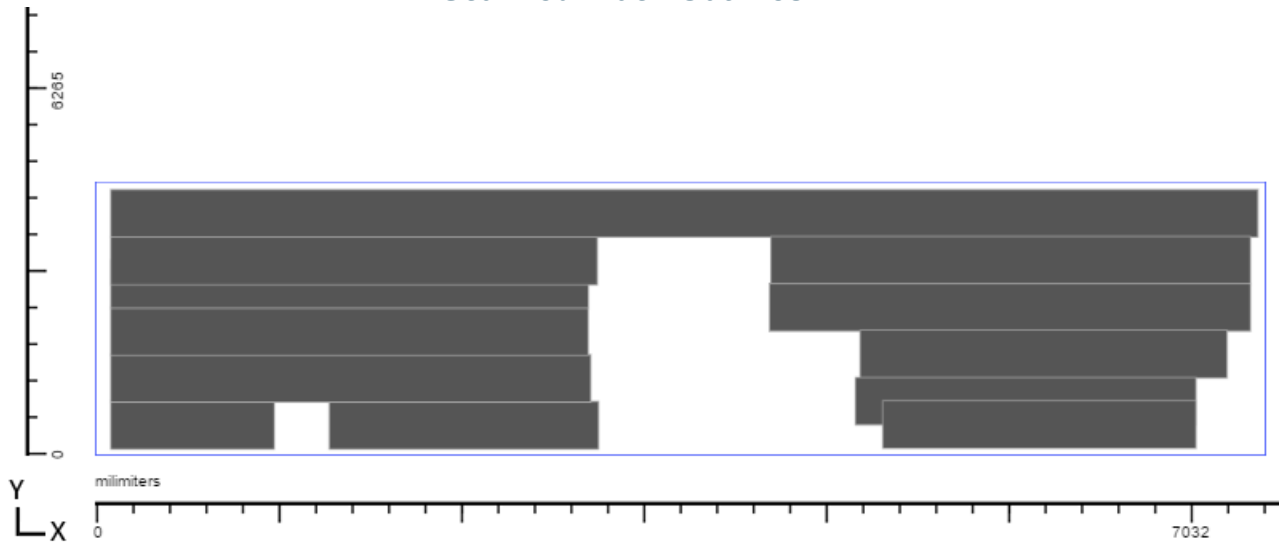




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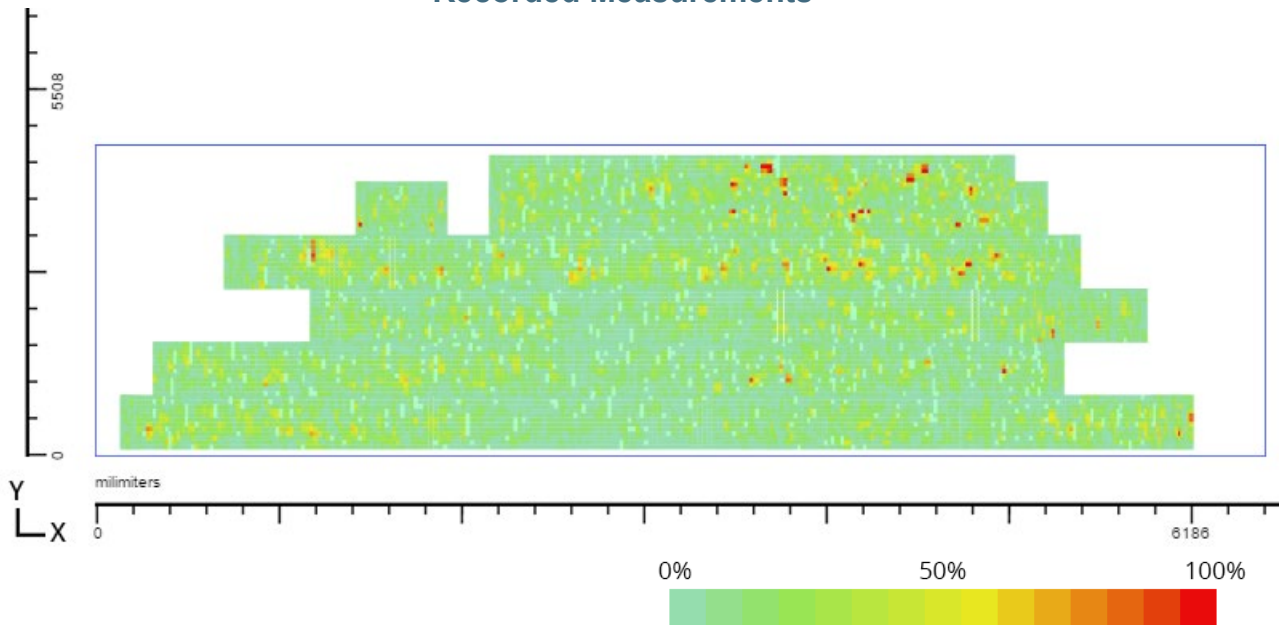


Maximum Signal Height: 100%

Plate Width:
6598.92mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

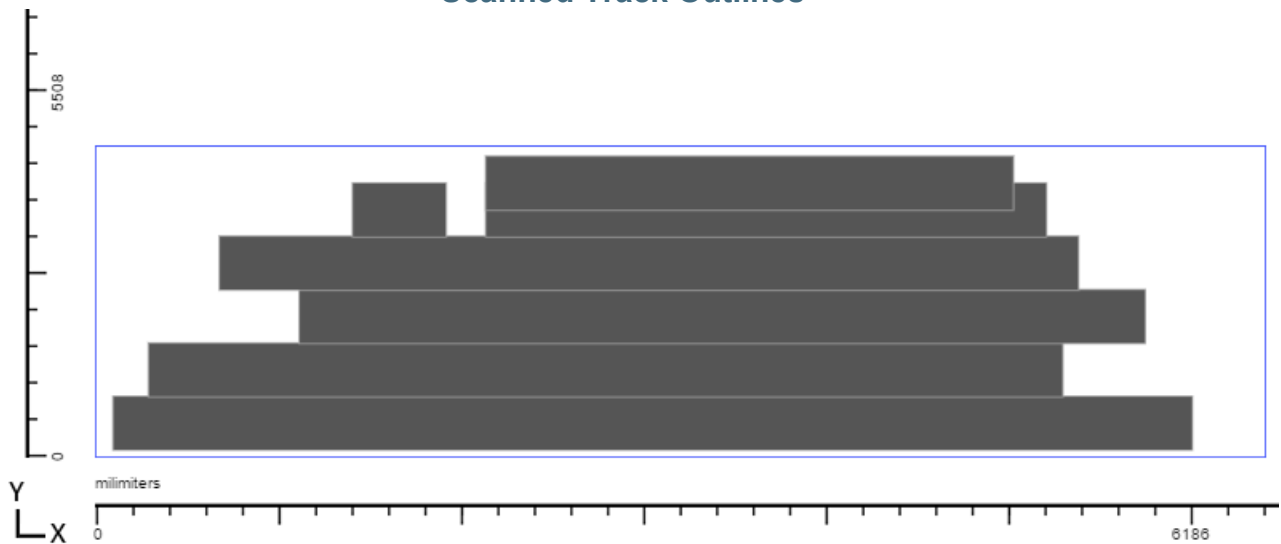




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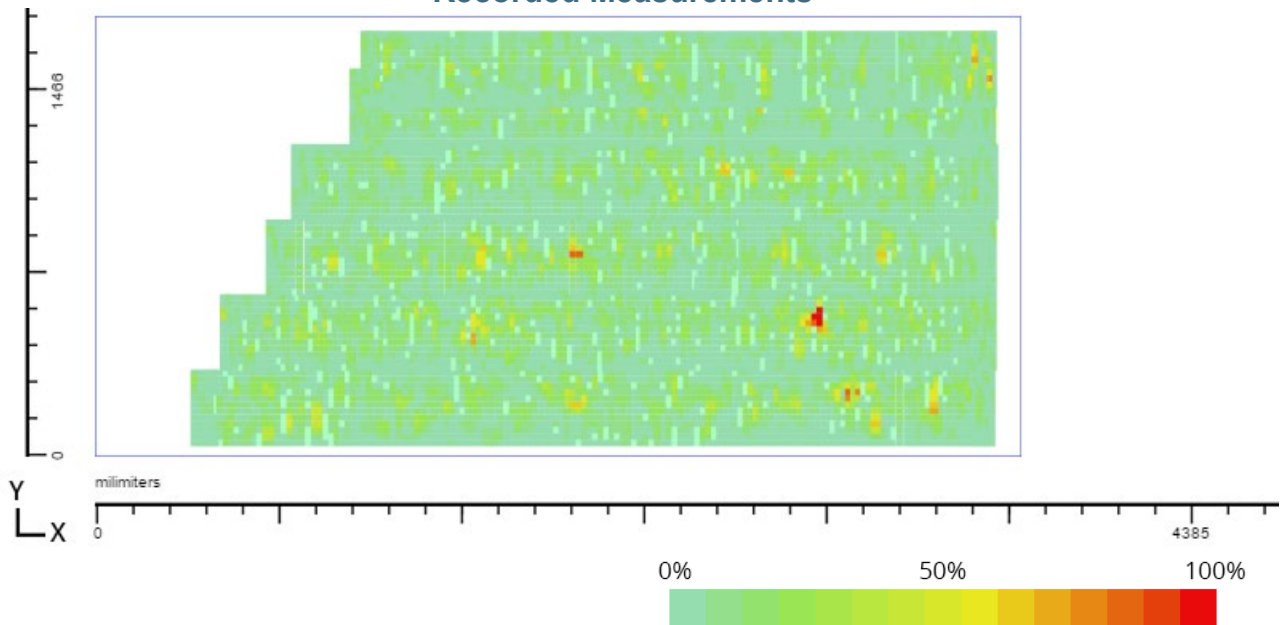


Maximum Signal Height: 100%

Plate Width:
3700.27mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

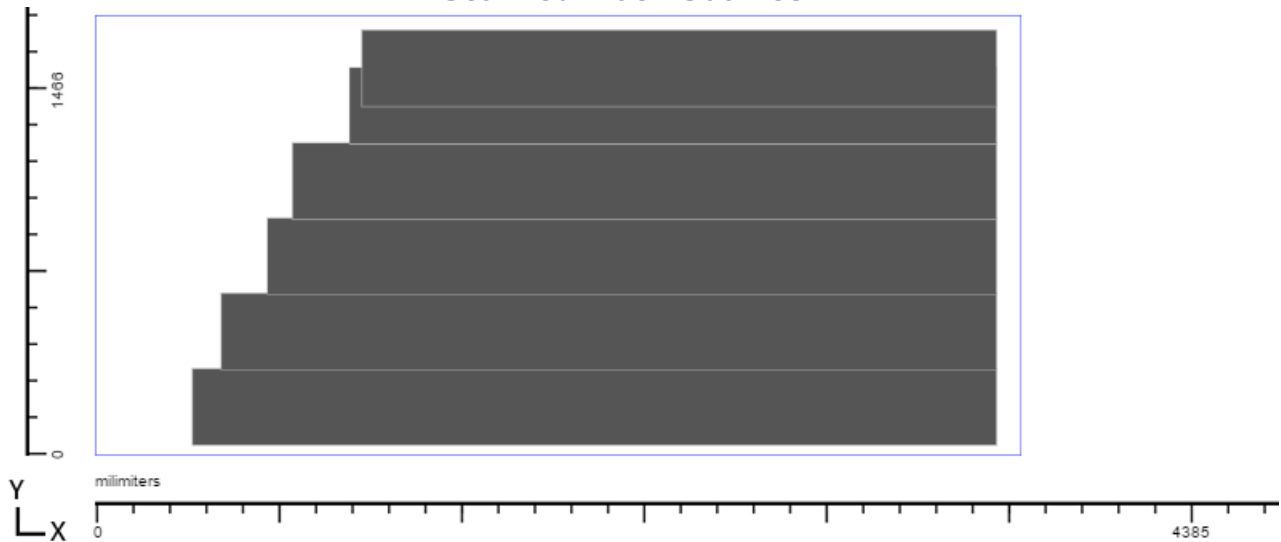




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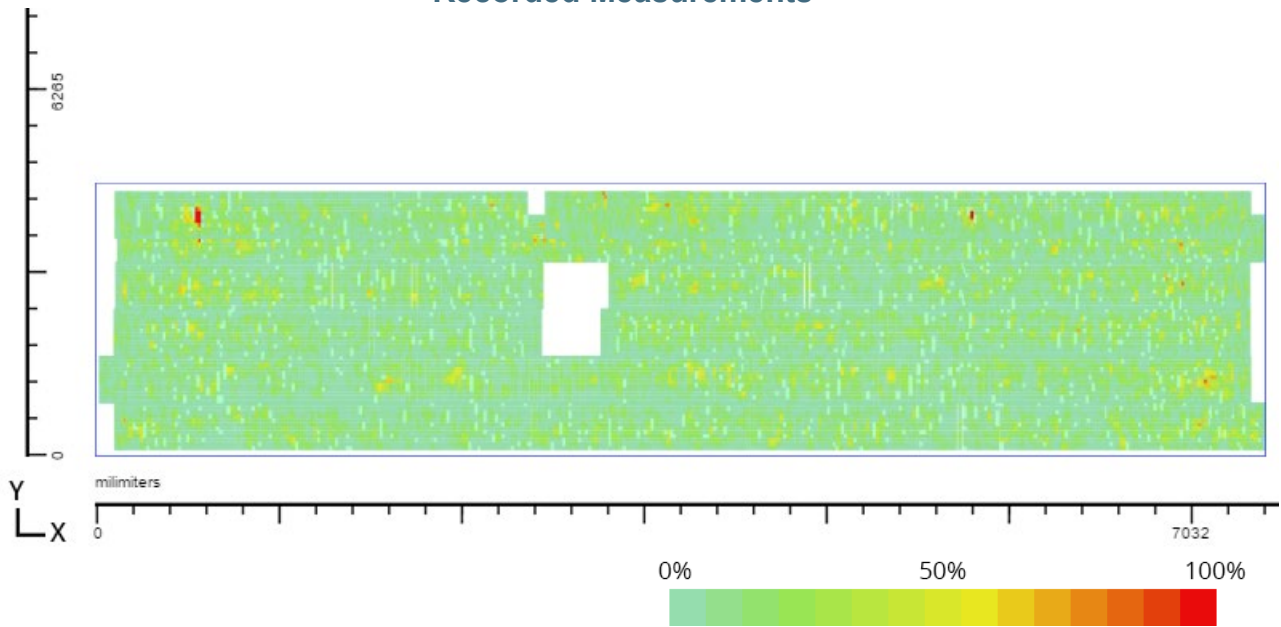


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

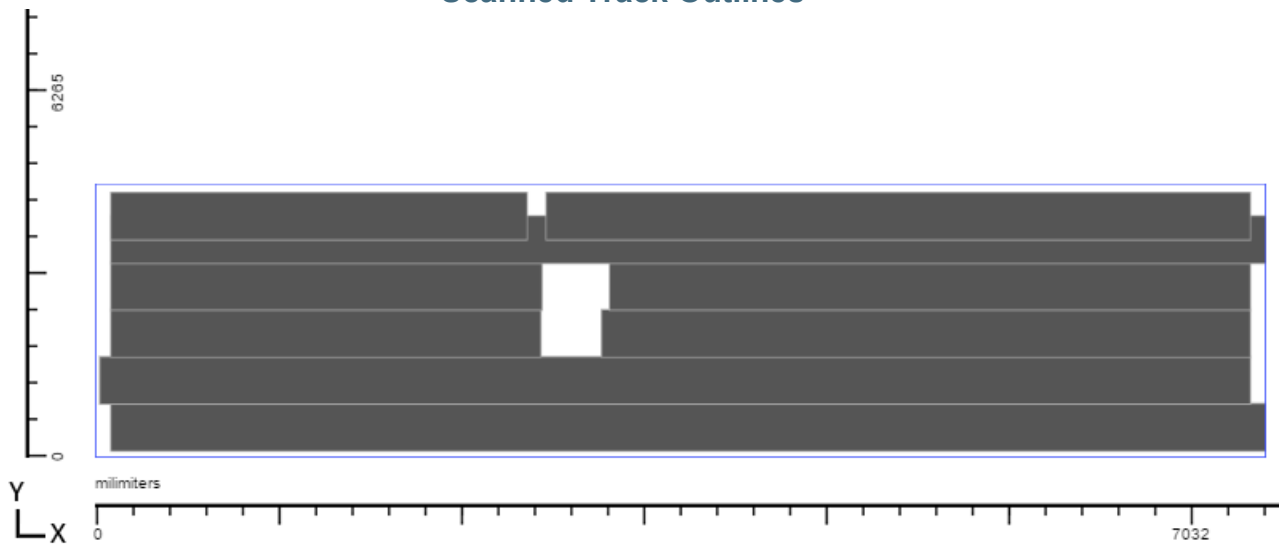




Plate Number 17

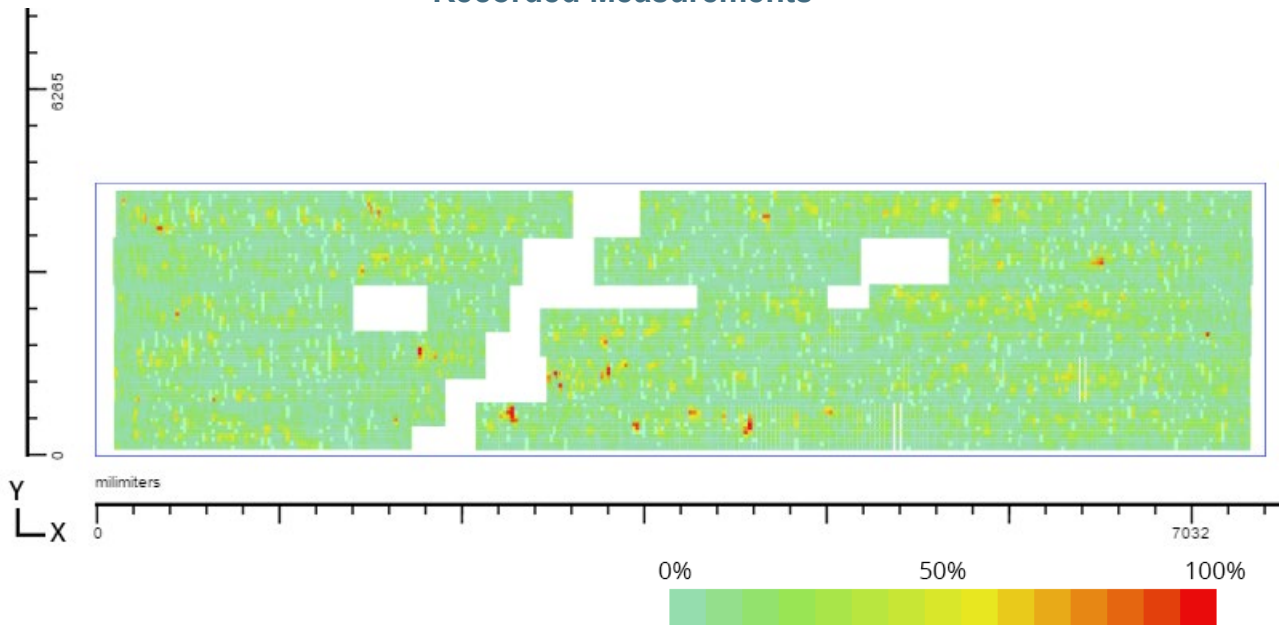


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

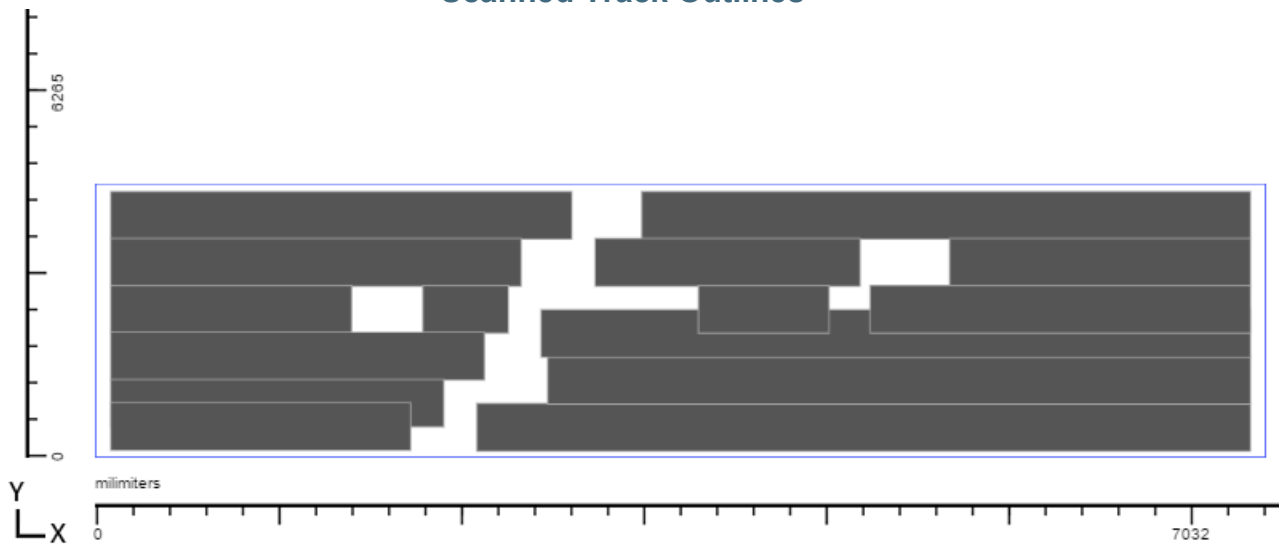




Plate Number 18

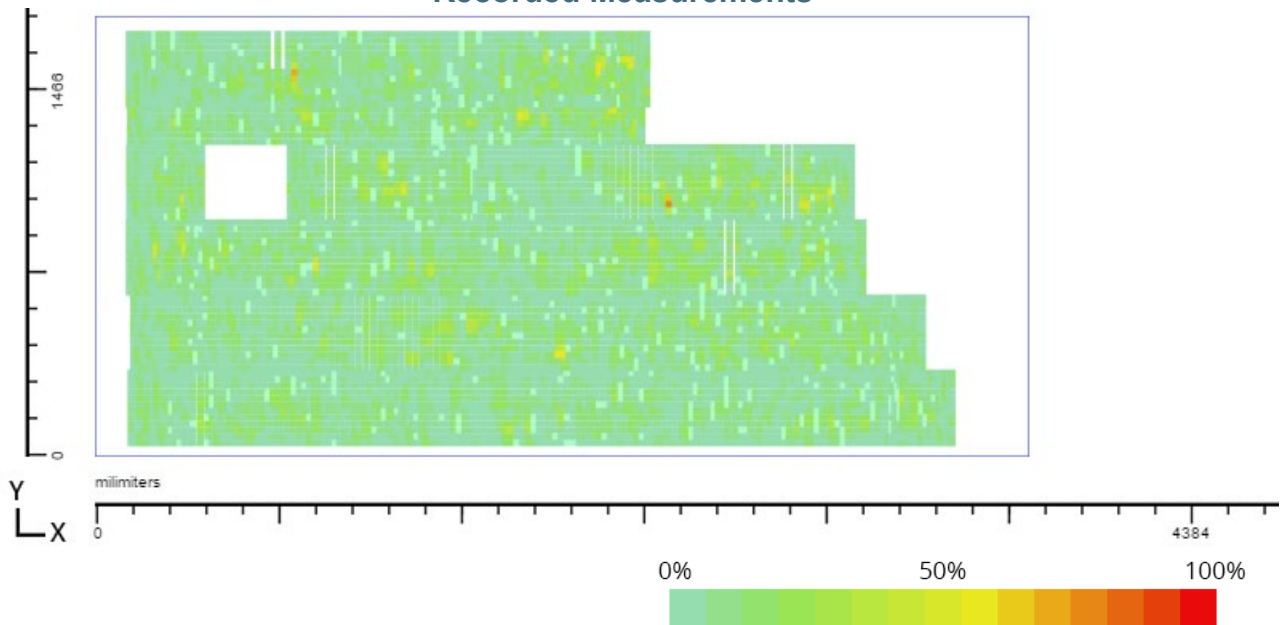


Maximum Signal Height: 80%

Plate Width:
3730.75mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

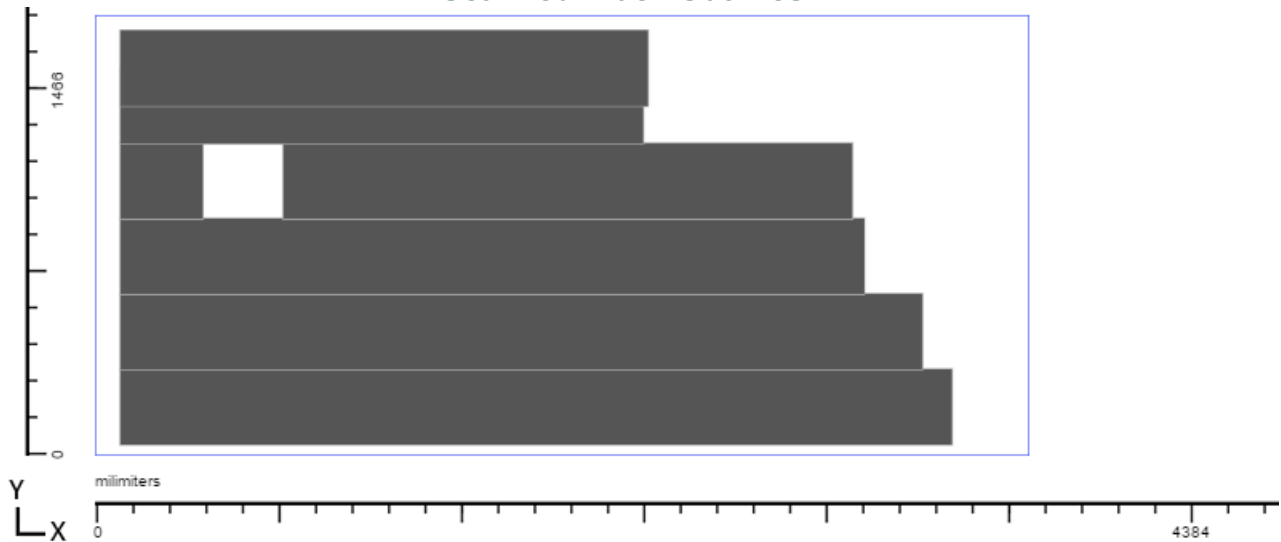




Plate Number 19

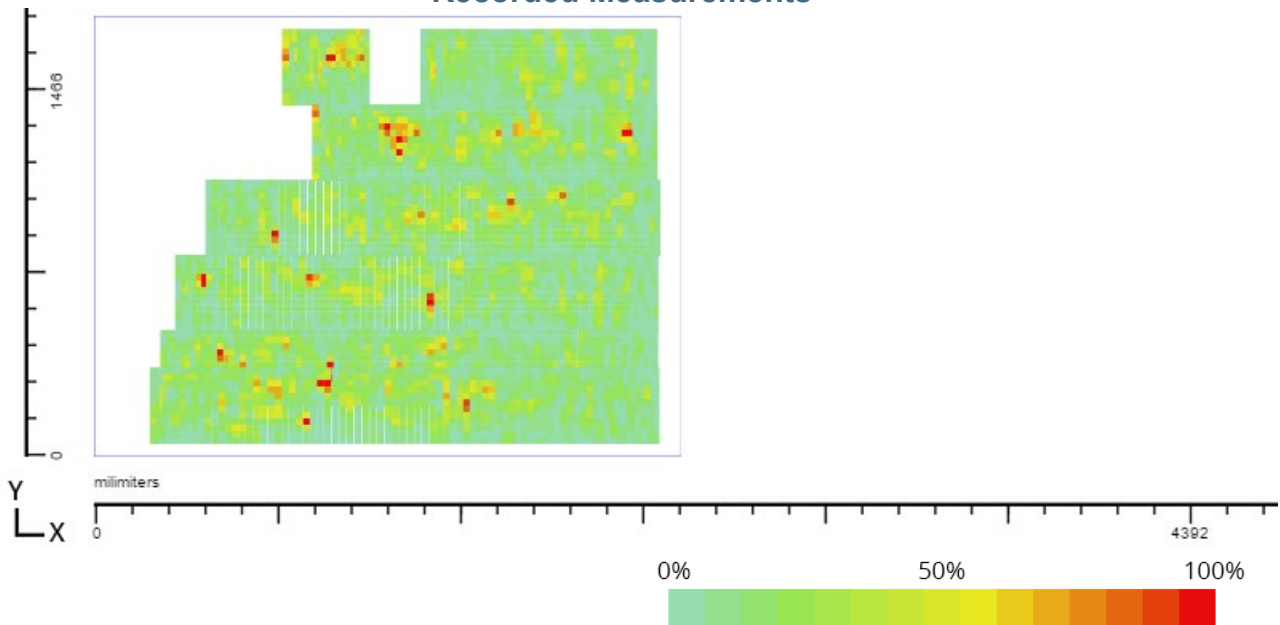


Maximum Signal Height: 100%

Plate Width:
2350.01mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

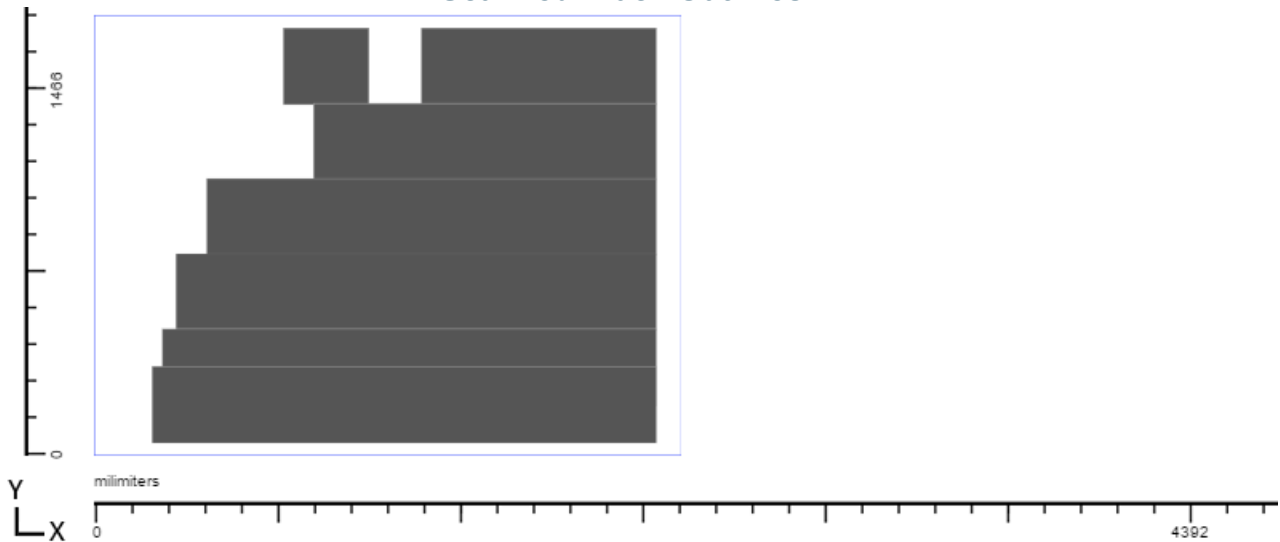




Plate Number 20

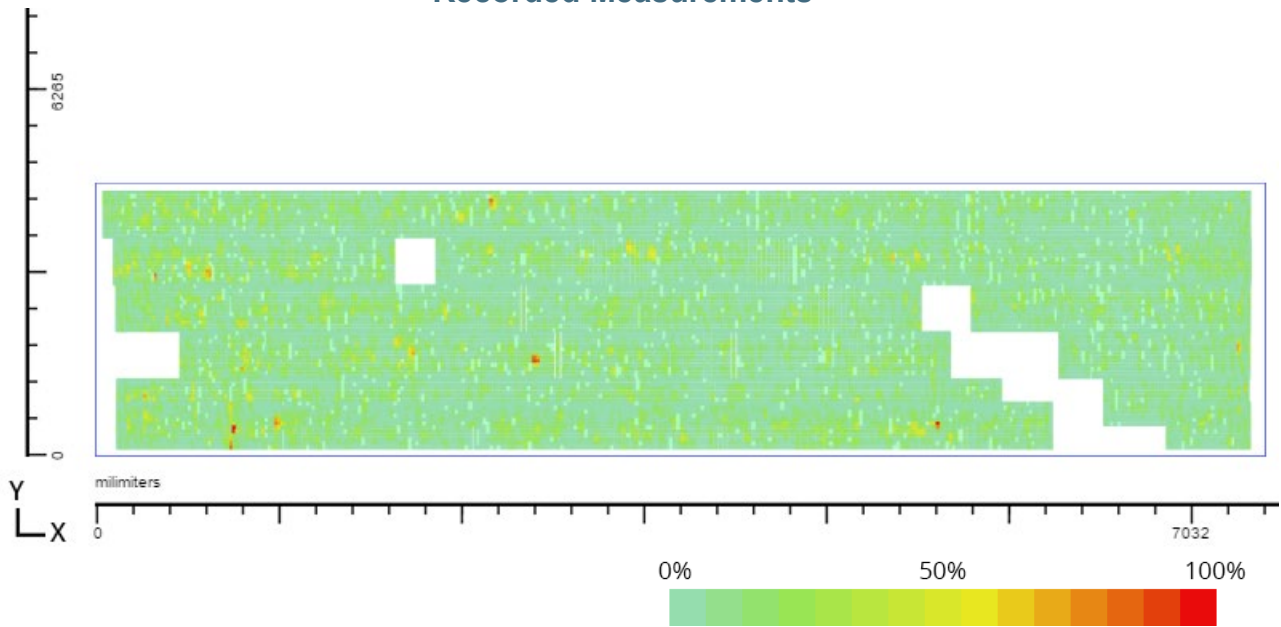


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

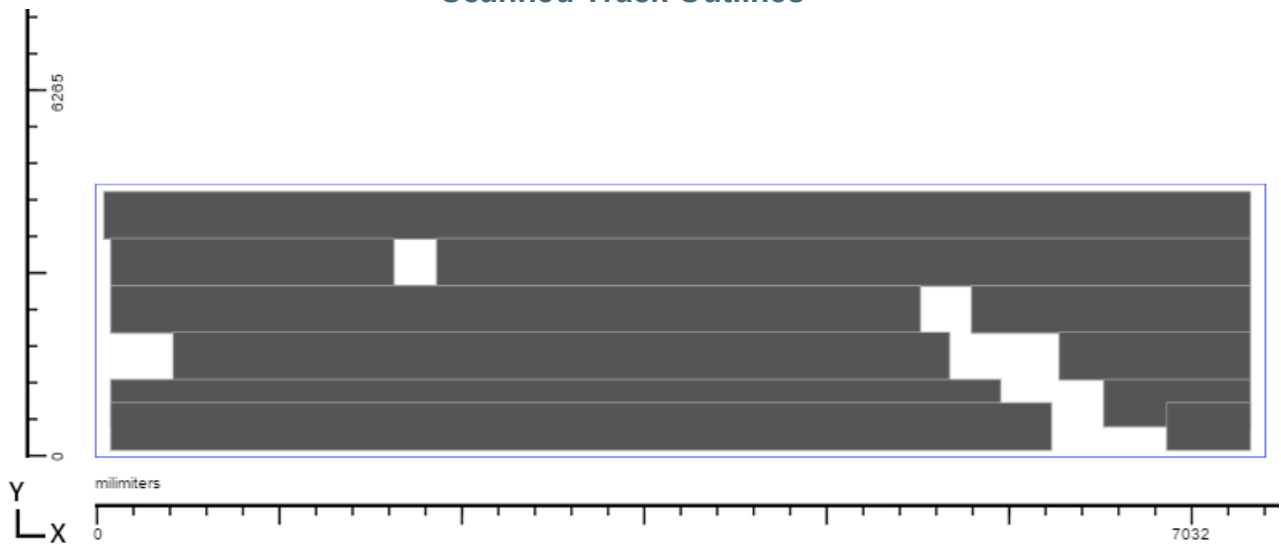




Plate Number 21

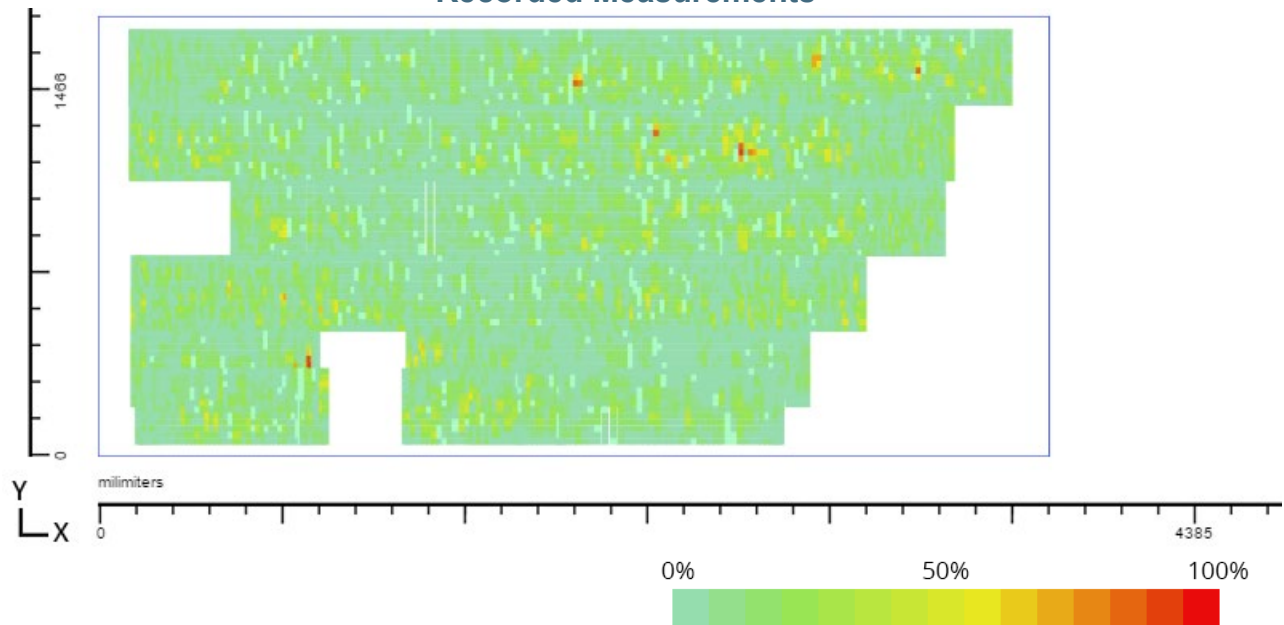


Maximum Signal Height: 100%

Plate Width:
3800.86mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

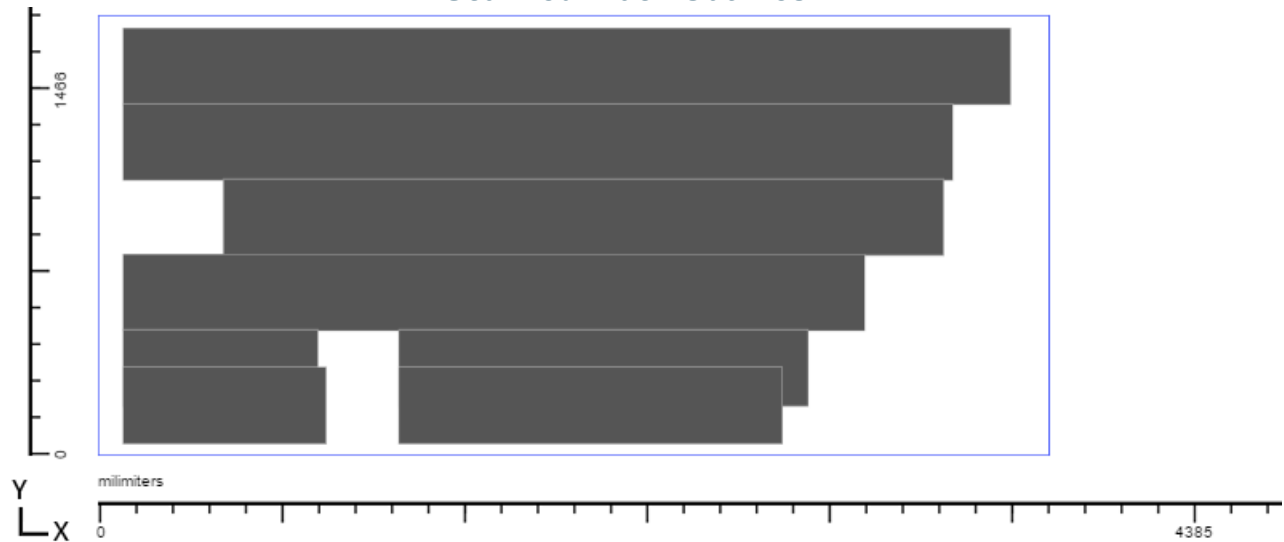




Plate Number 22

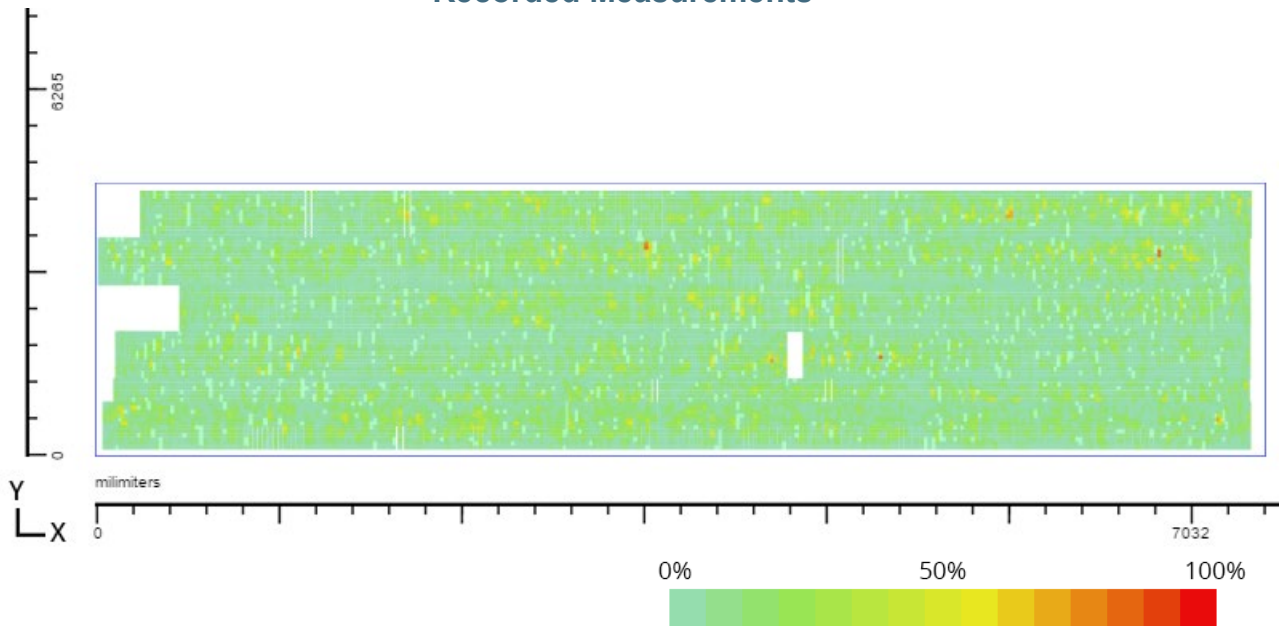


Maximum Signal Height:
93.3%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

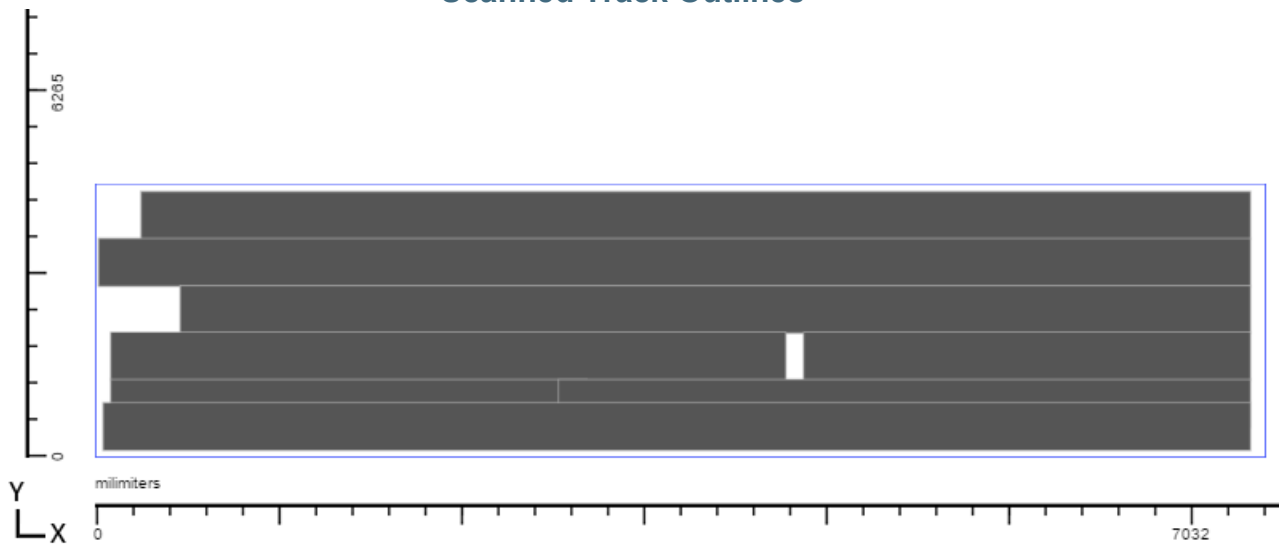




Plate Number 23

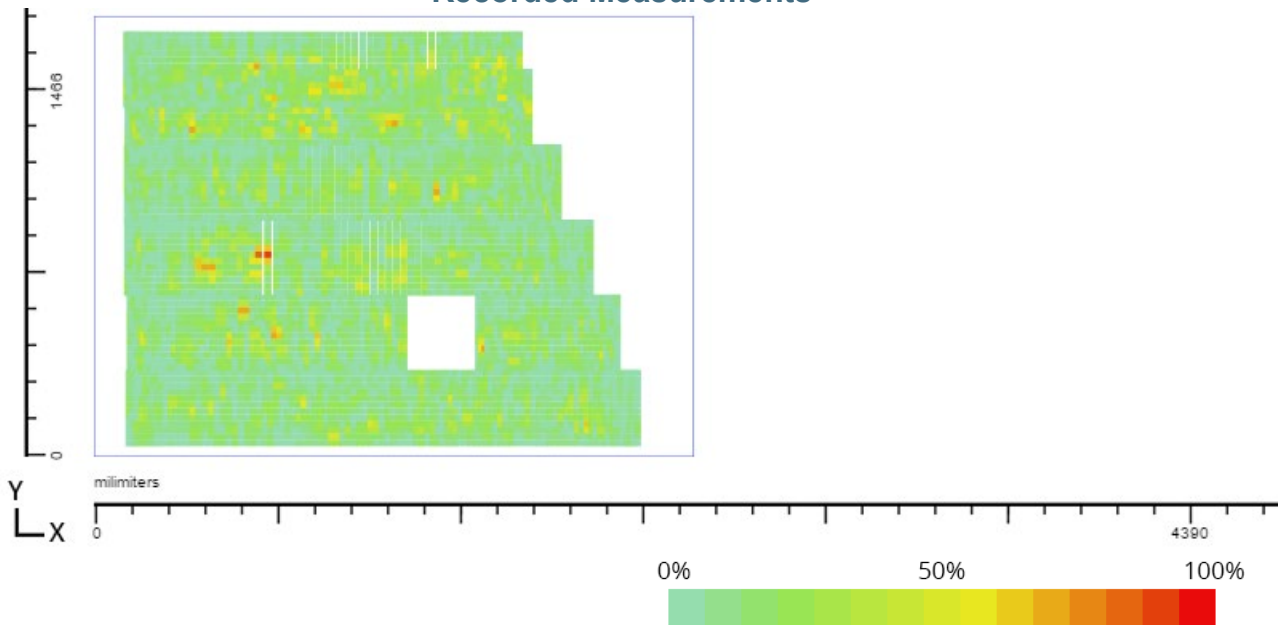


Maximum Signal Height:
93.3%

Plate Width:
2398.78mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

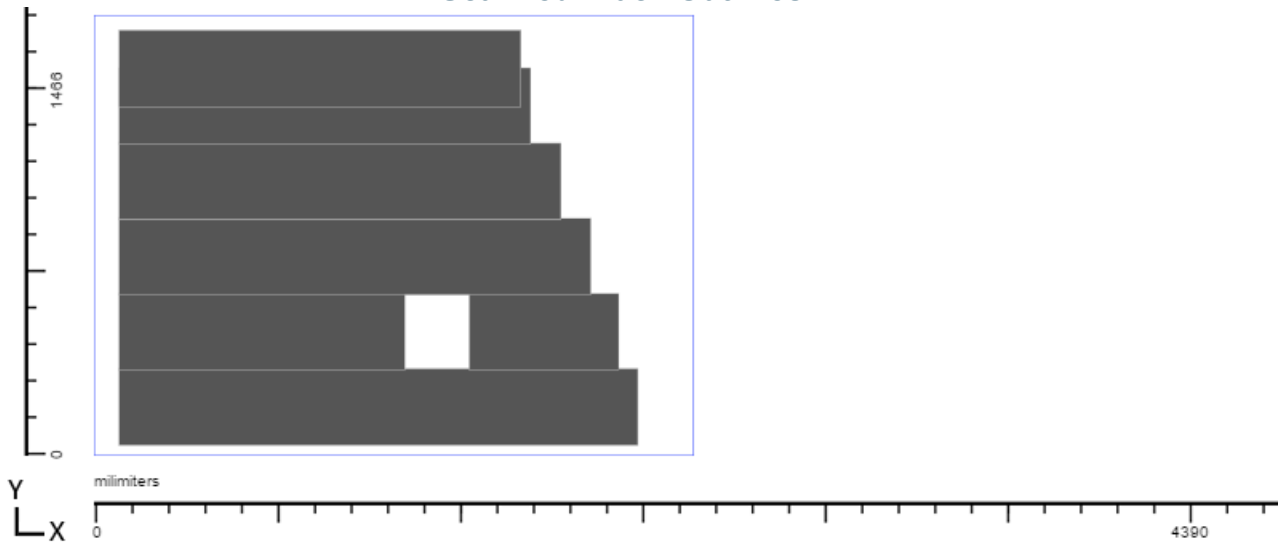




Plate Number 24

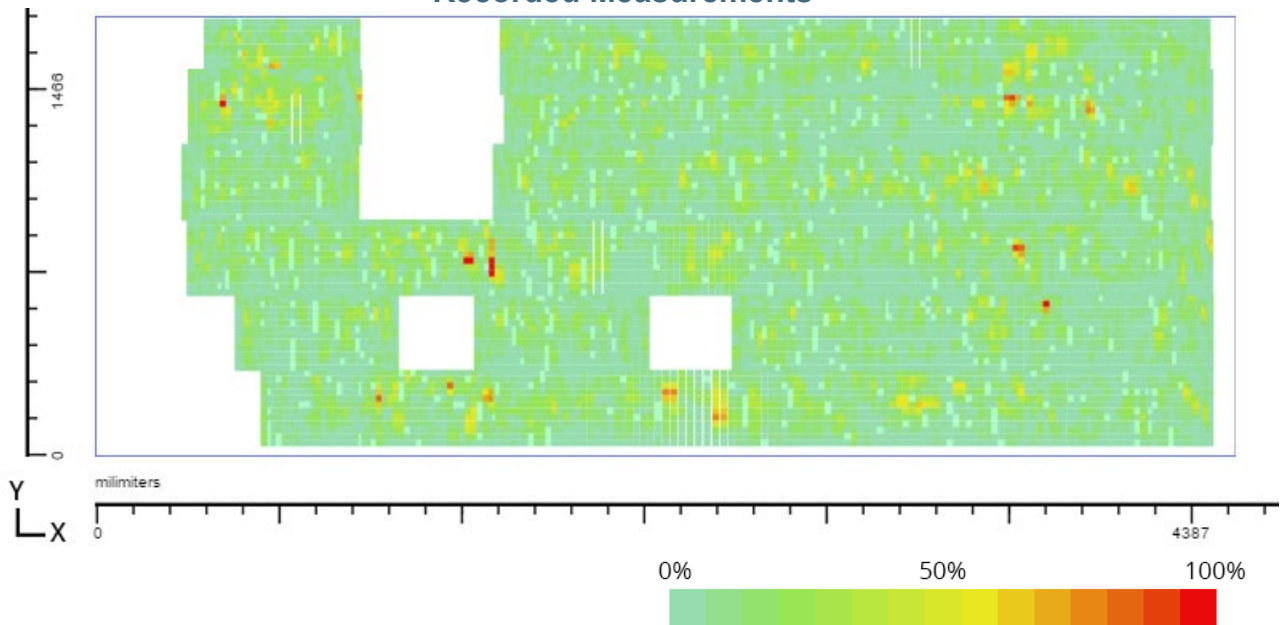


Maximum Signal Height: 100%

Plate Width:
4559.81mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

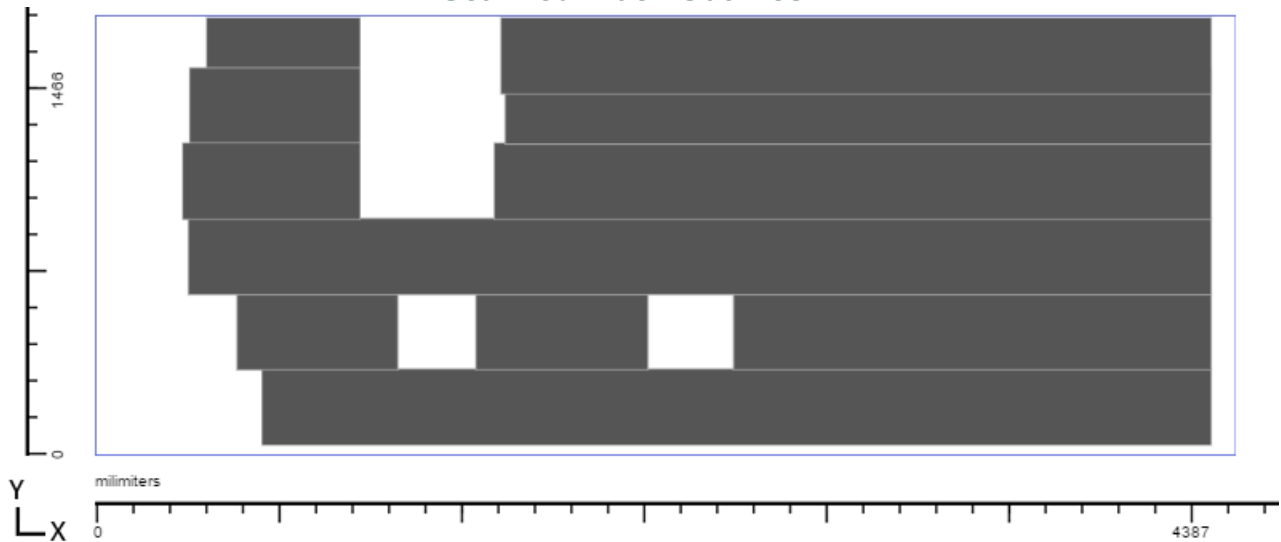
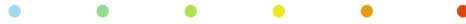




Plate Number 25

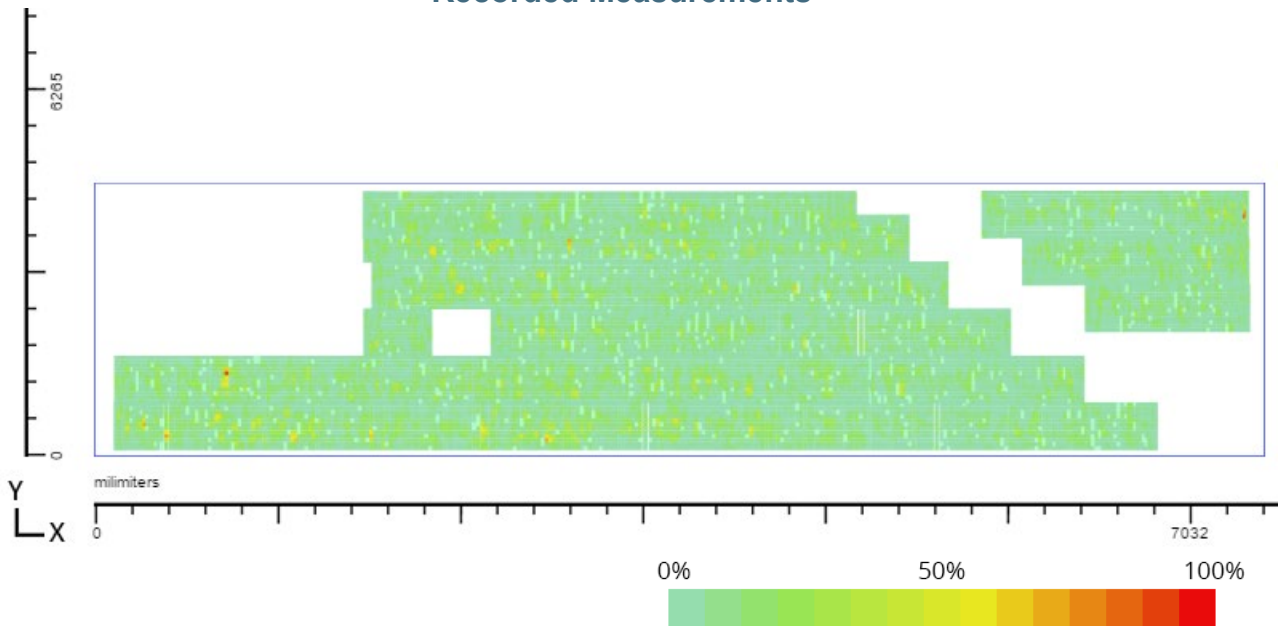


Maximum Signal Height:
93.3%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

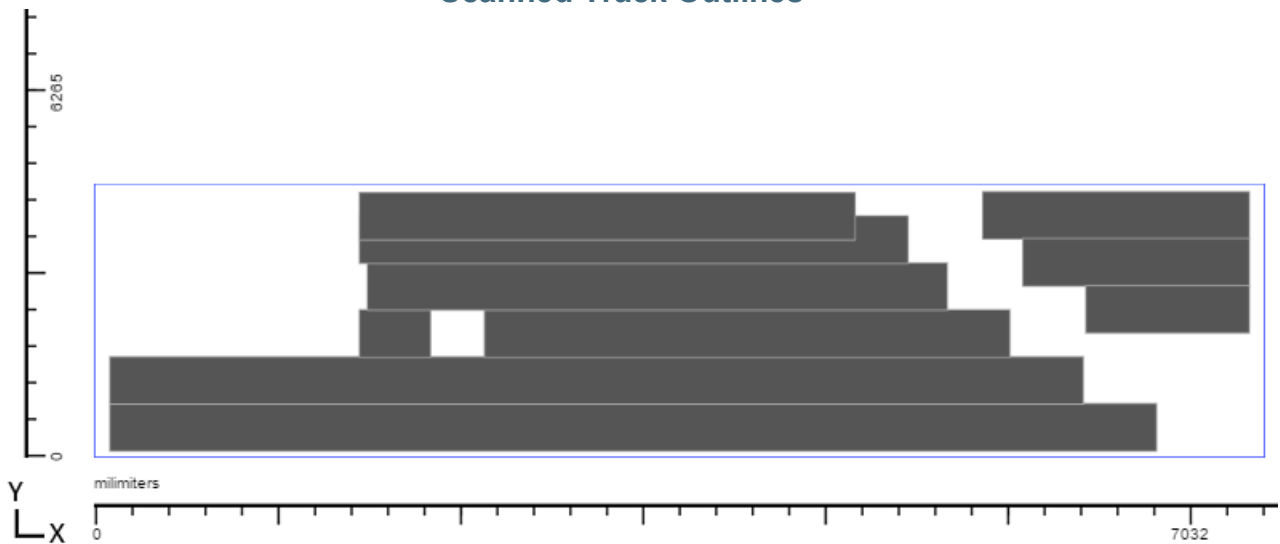




Plate Number 26

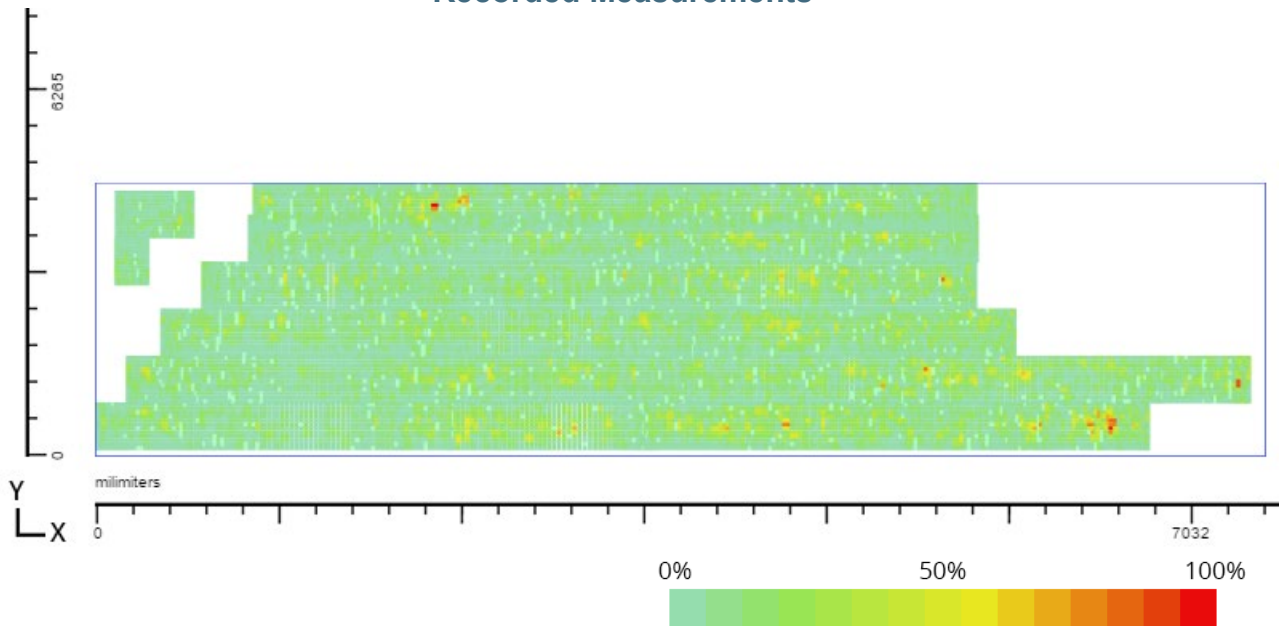


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

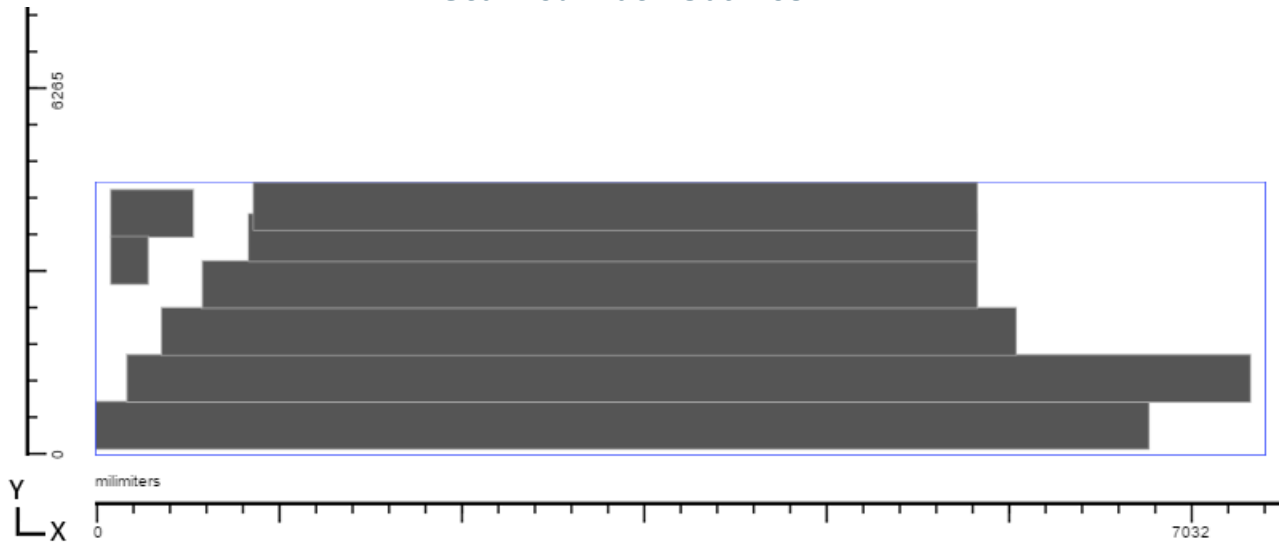




Plate Number 27

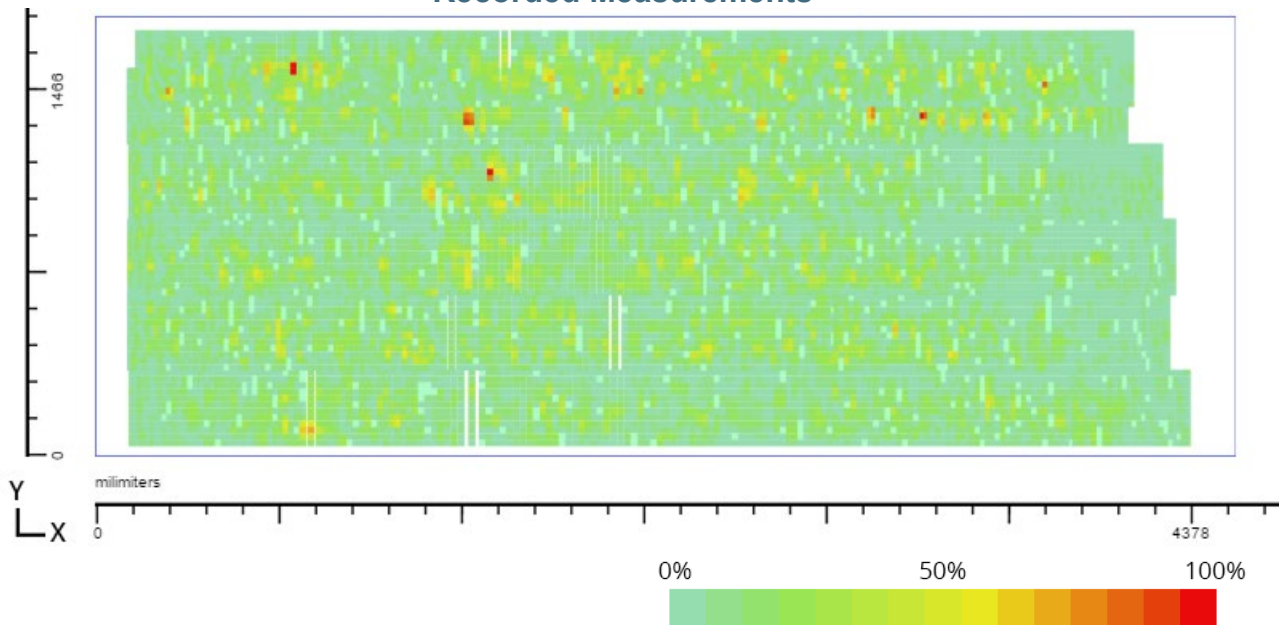


Maximum Signal Height: 100%

Plate Width:
4550.66mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

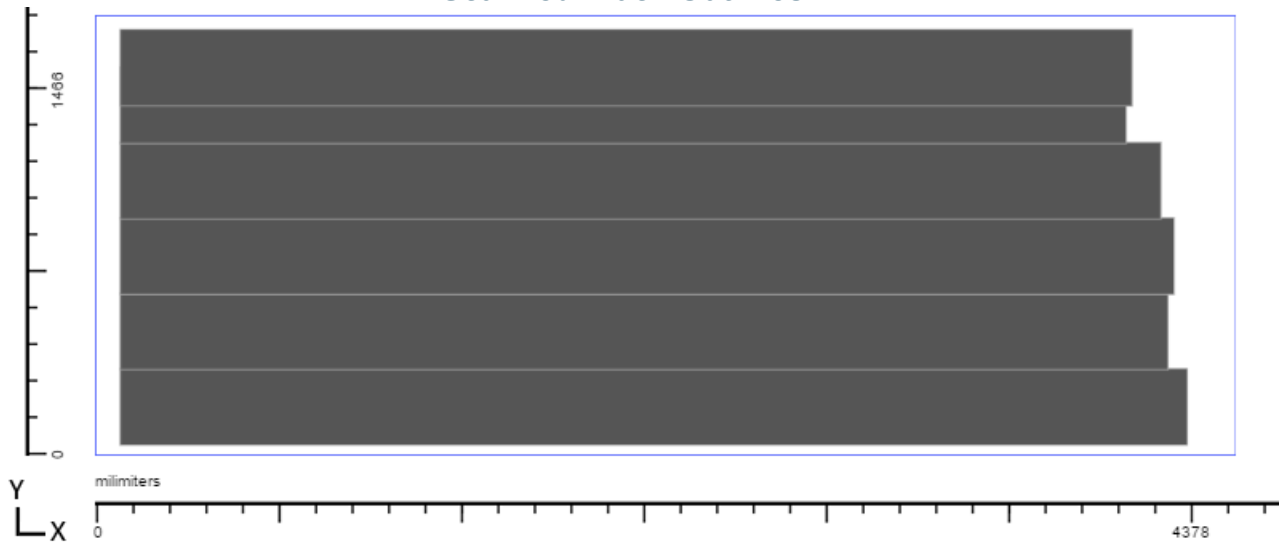




Plate Number 28

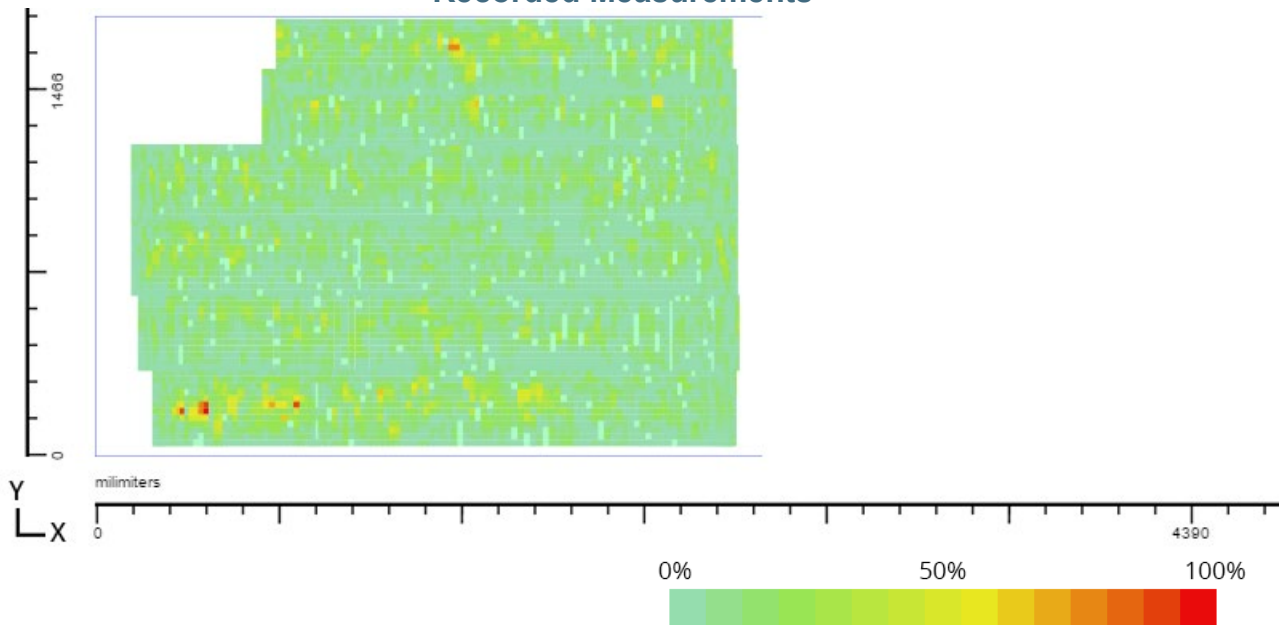


Maximum Signal Height: 100%

Plate Width:
2670.05mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

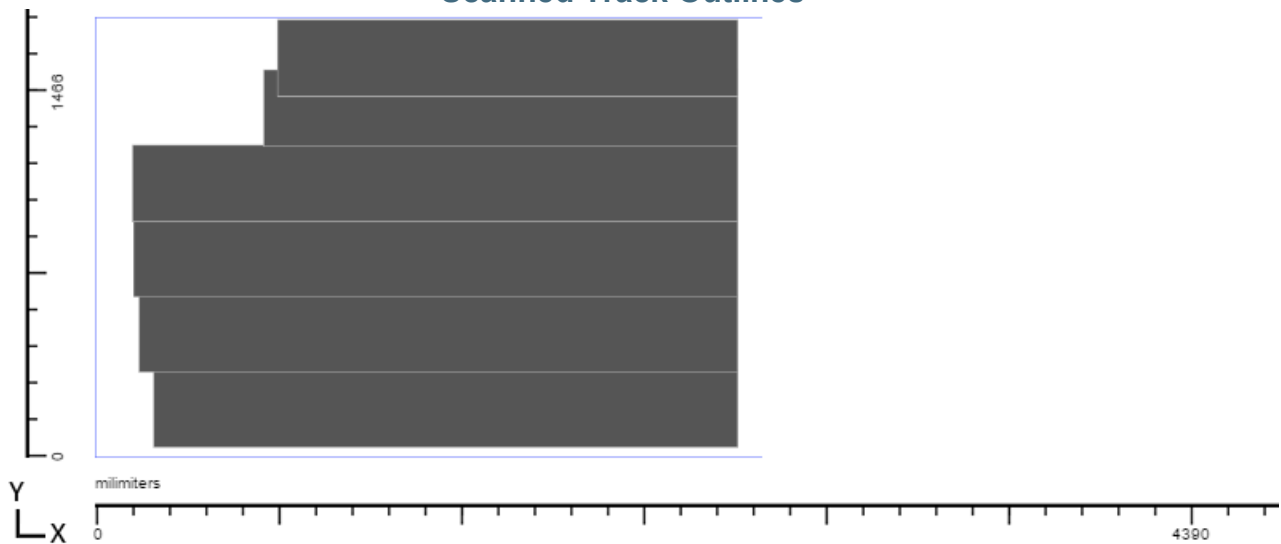




Plate Number 29

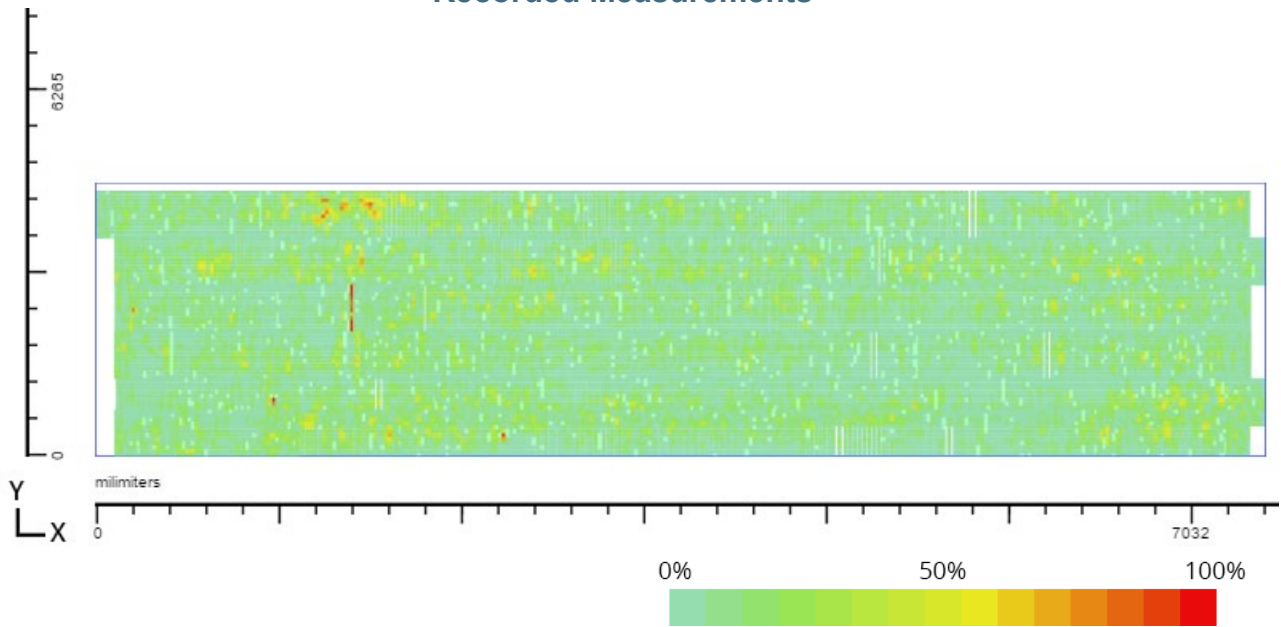


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

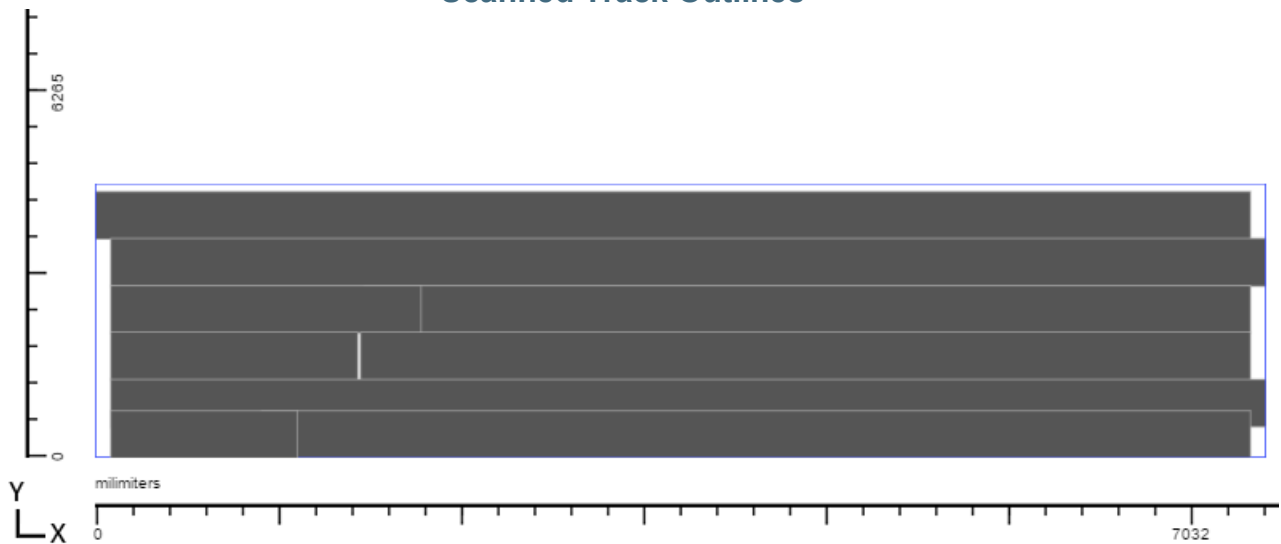




Plate Number 30

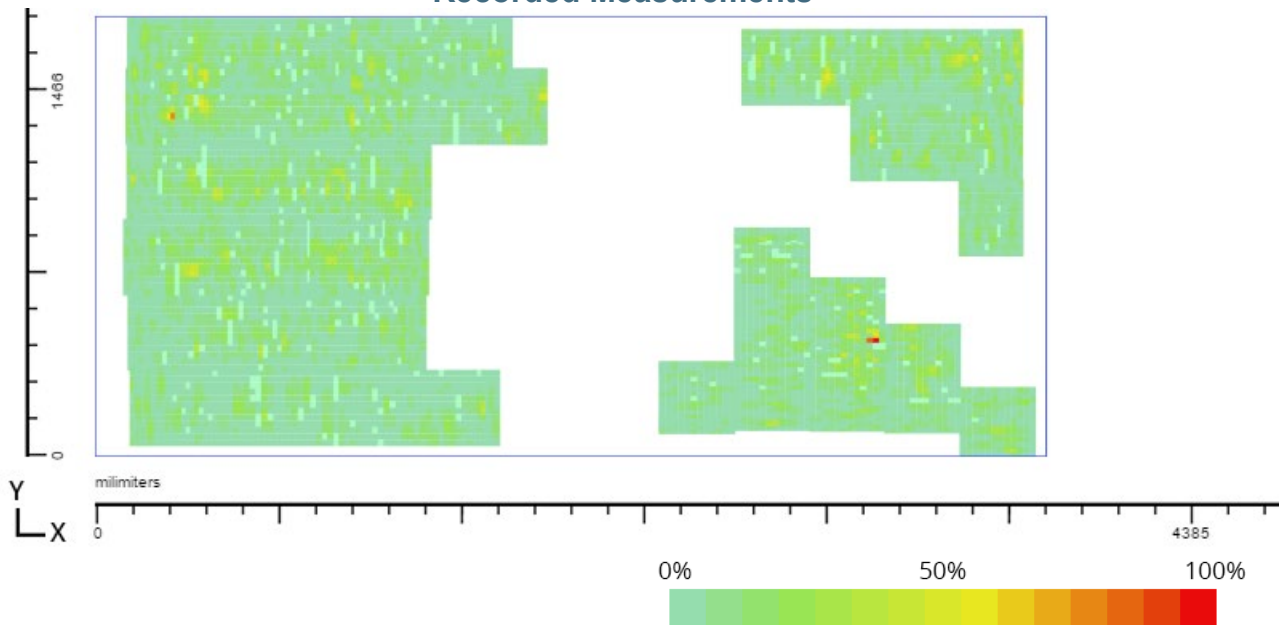


Maximum Signal Height: 100%

Plate Width:
3800.86mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

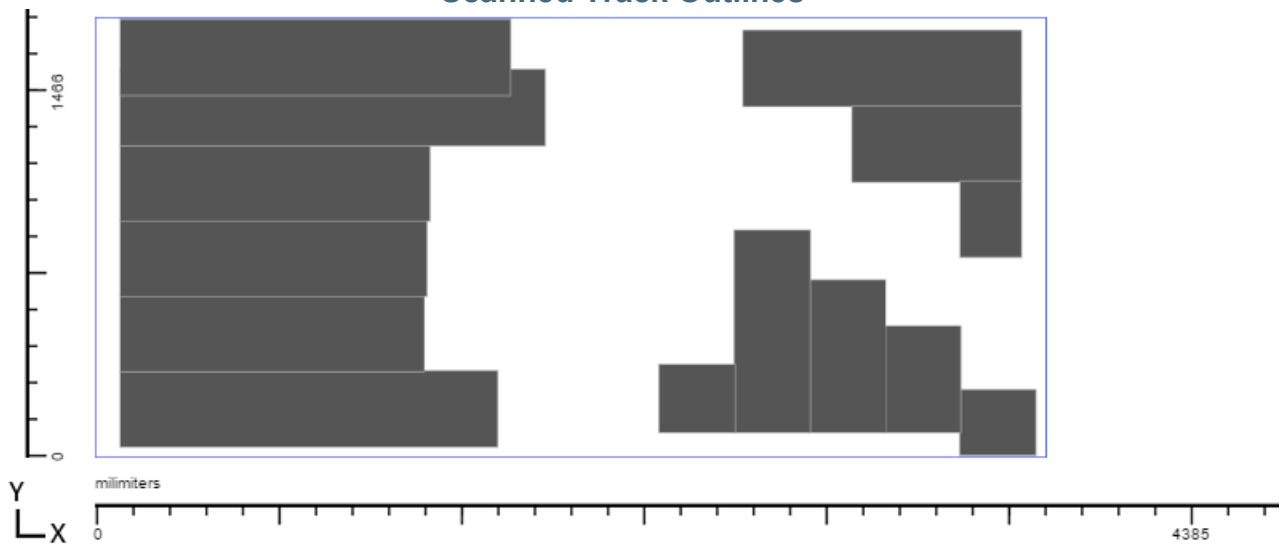




Plate Number 31

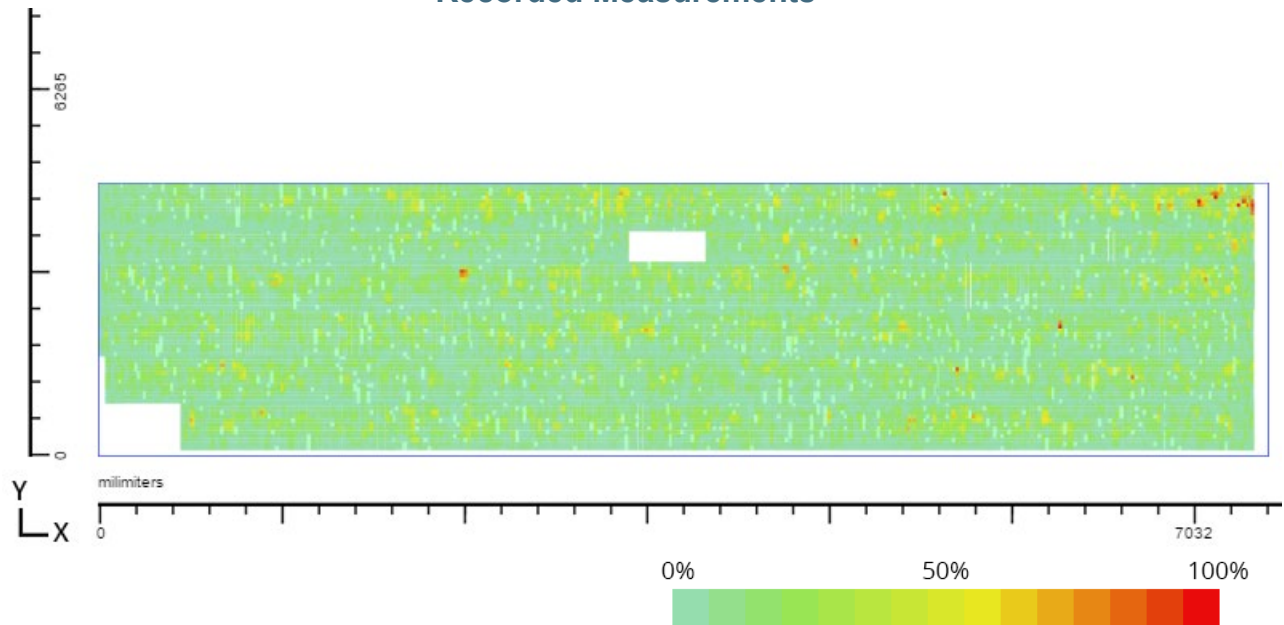


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

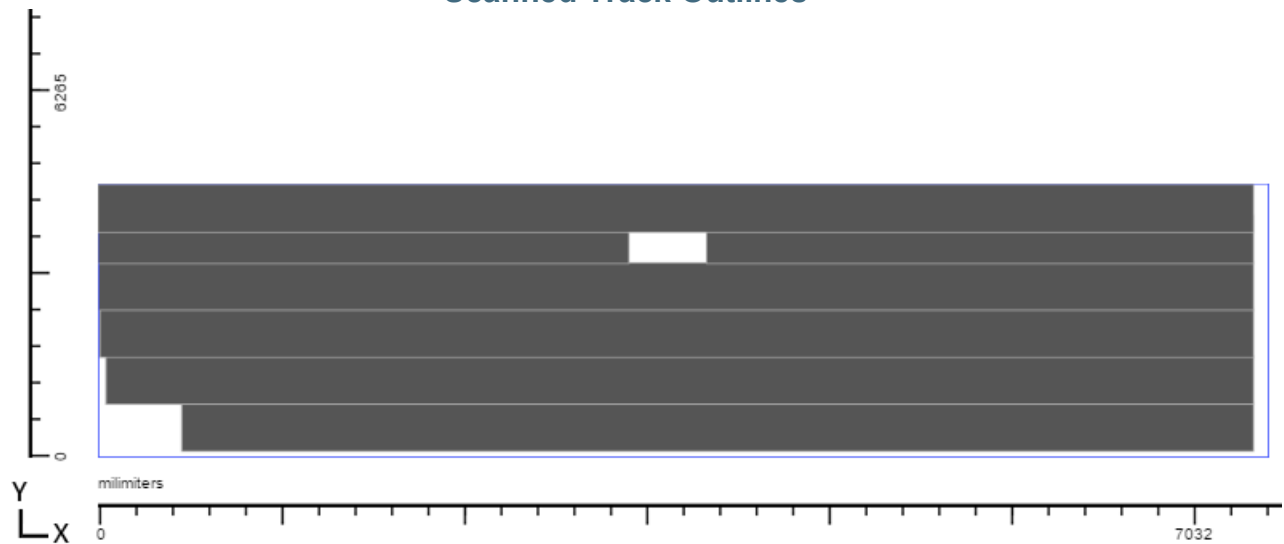




Plate Number 32

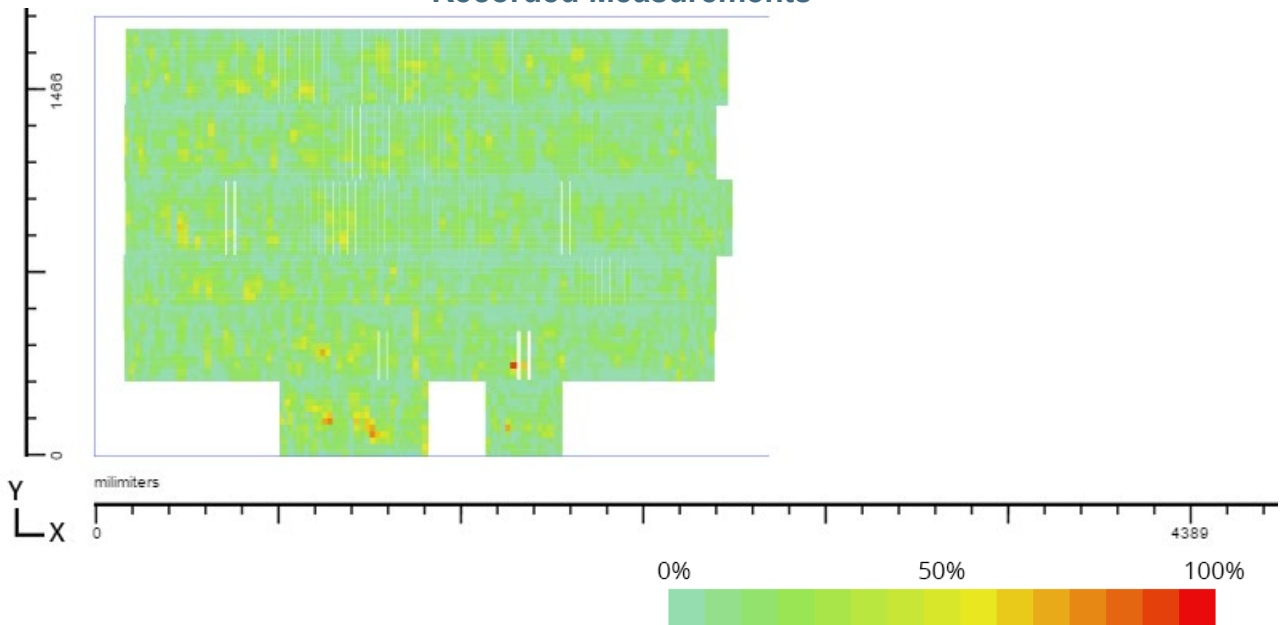


Maximum Signal Height:
93.3%

Plate Width:
2700.53mm

Plate Height:
1758.7mm

Recorded Measurements



Scanned Track Outlines

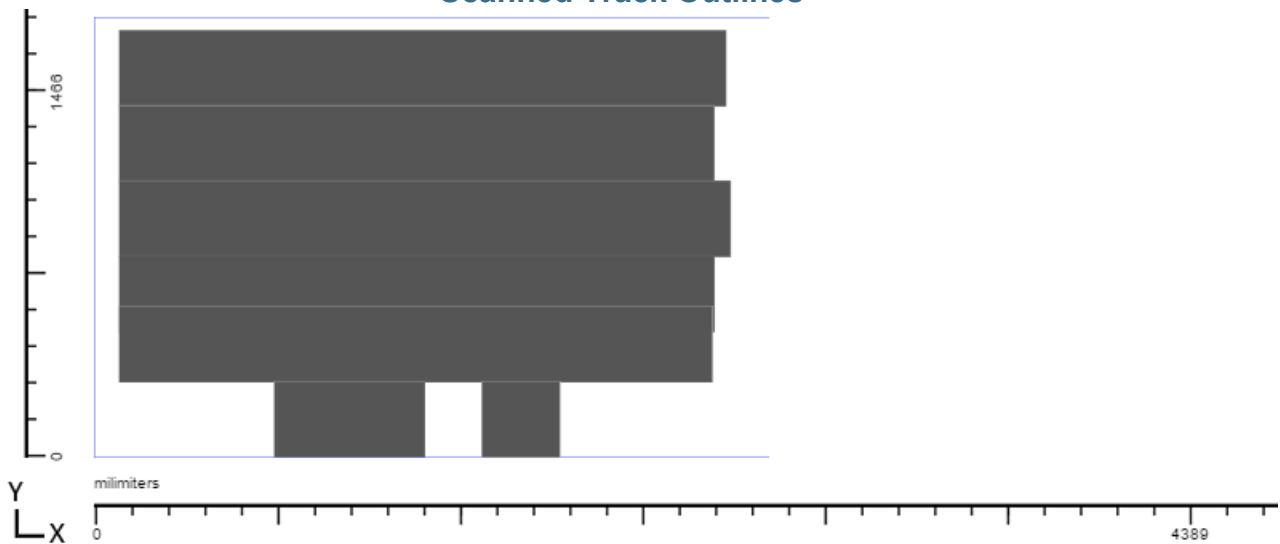




Plate Number 33

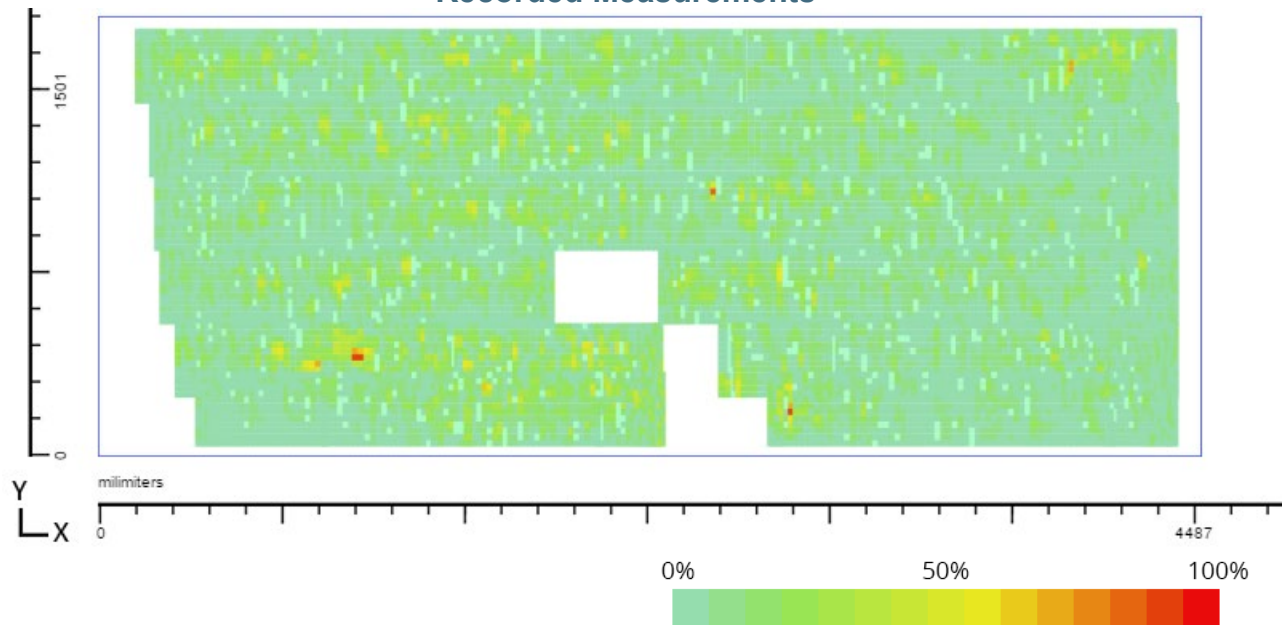


Maximum Signal Height:
93.3%

Plate Width:
4511.04mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

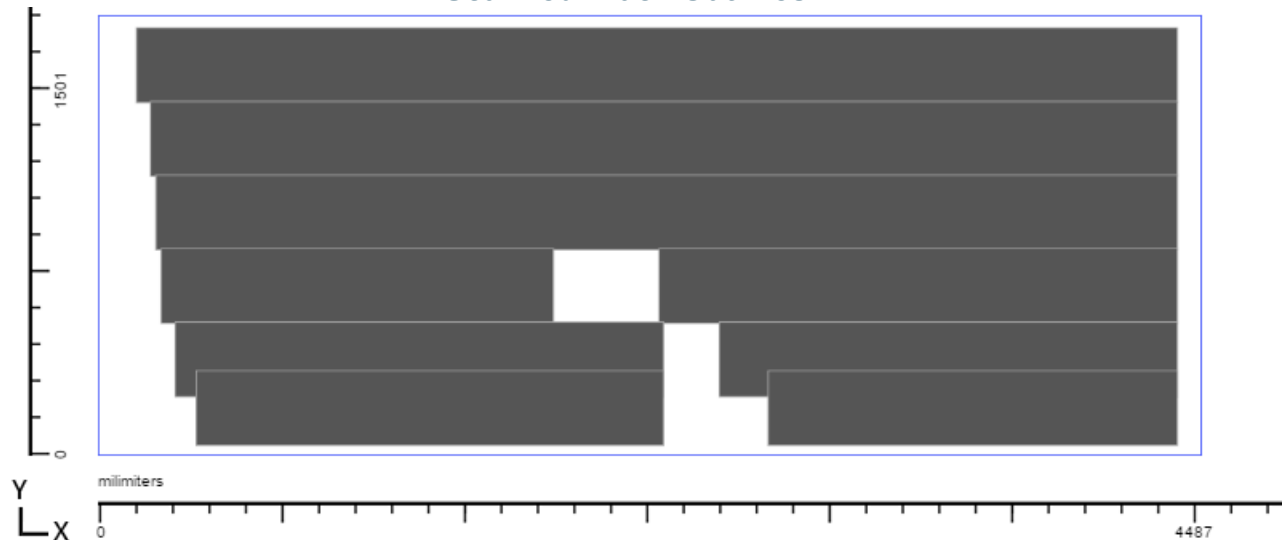




Plate Number 34

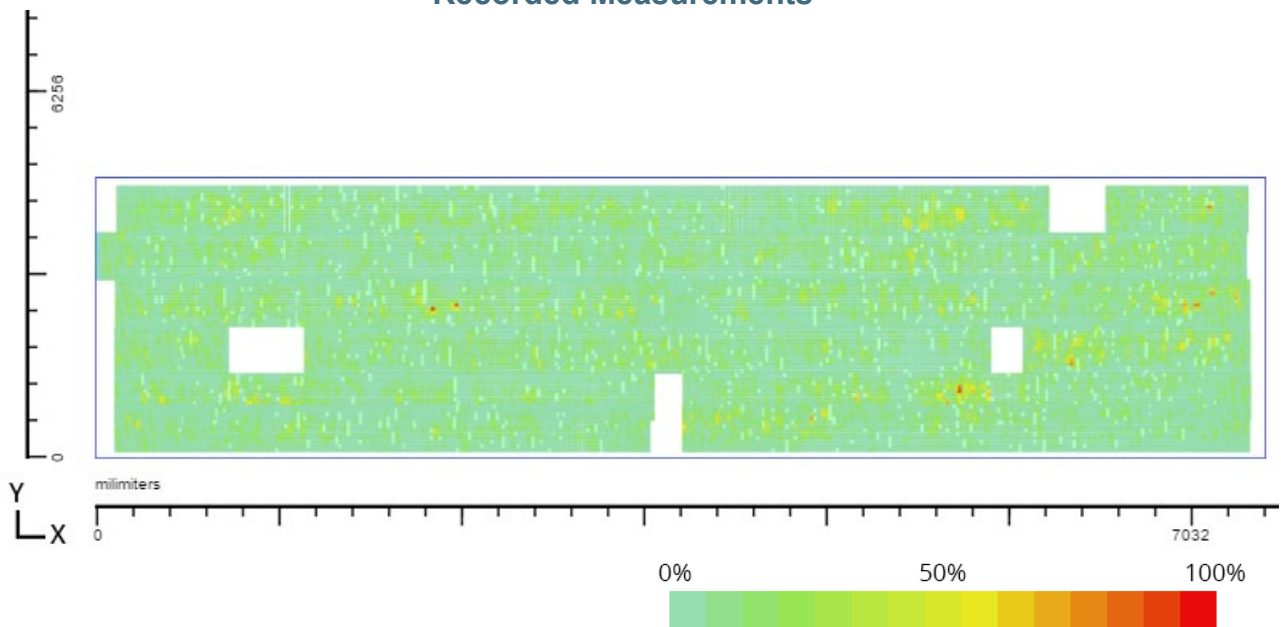


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

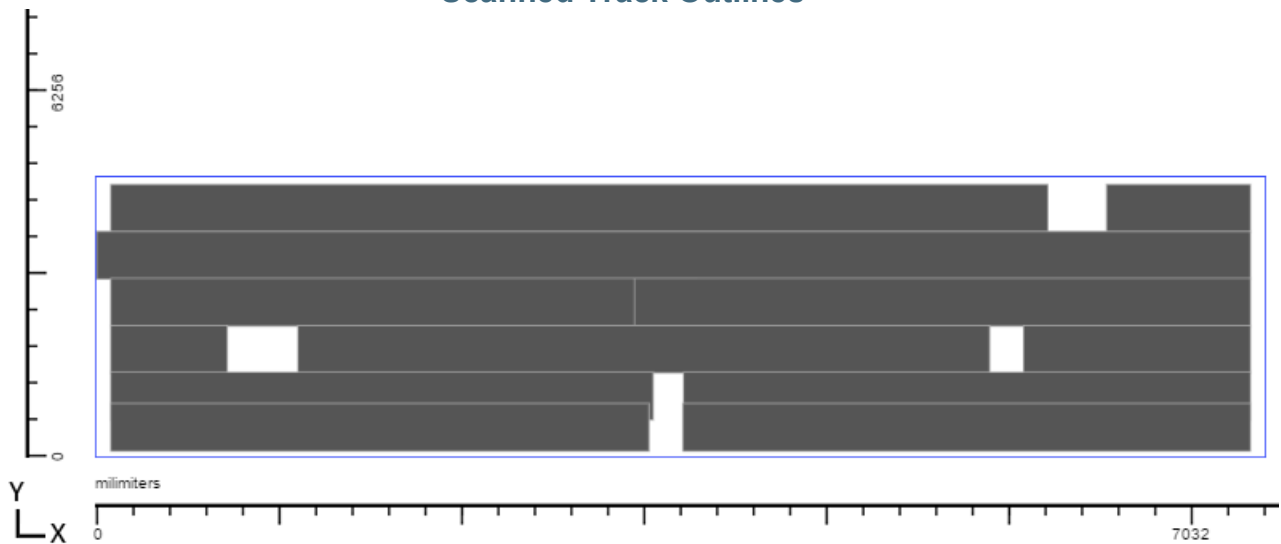




Plate Number 35

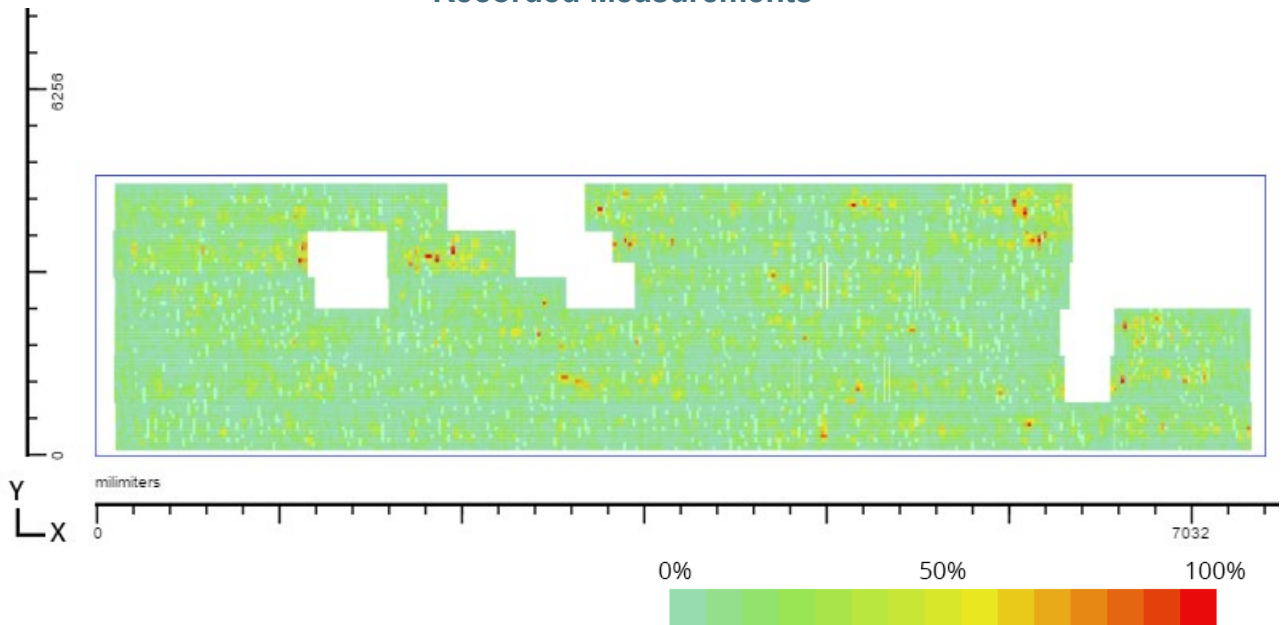


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

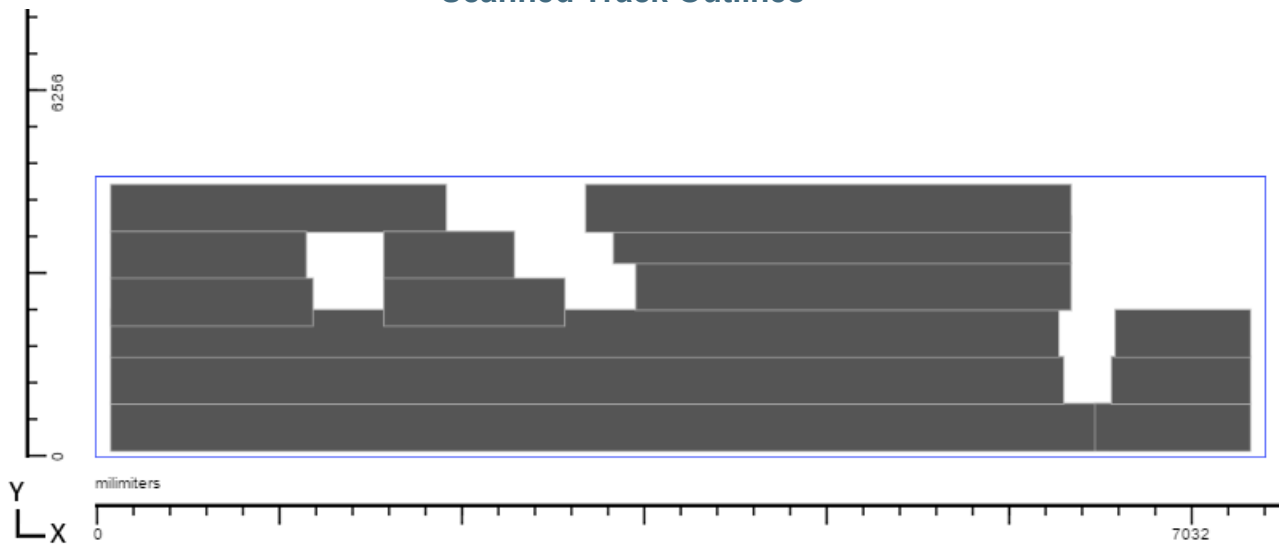




Plate Number 36

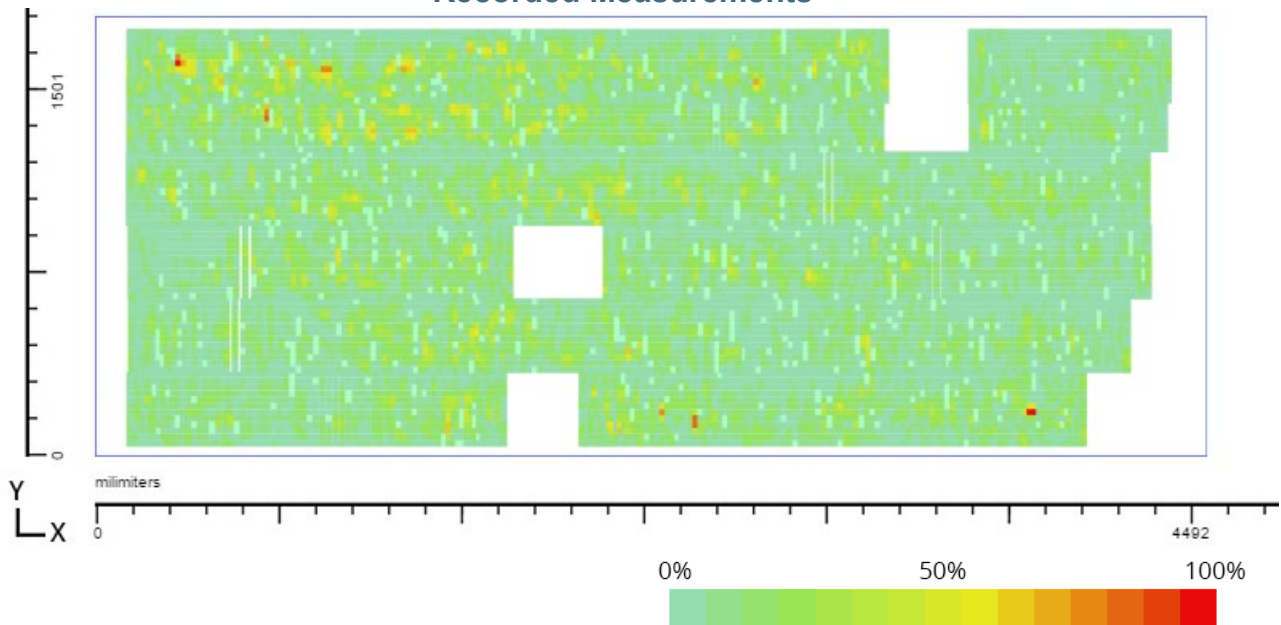


Maximum Signal Height: 100%

Plate Width:
4550.66mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

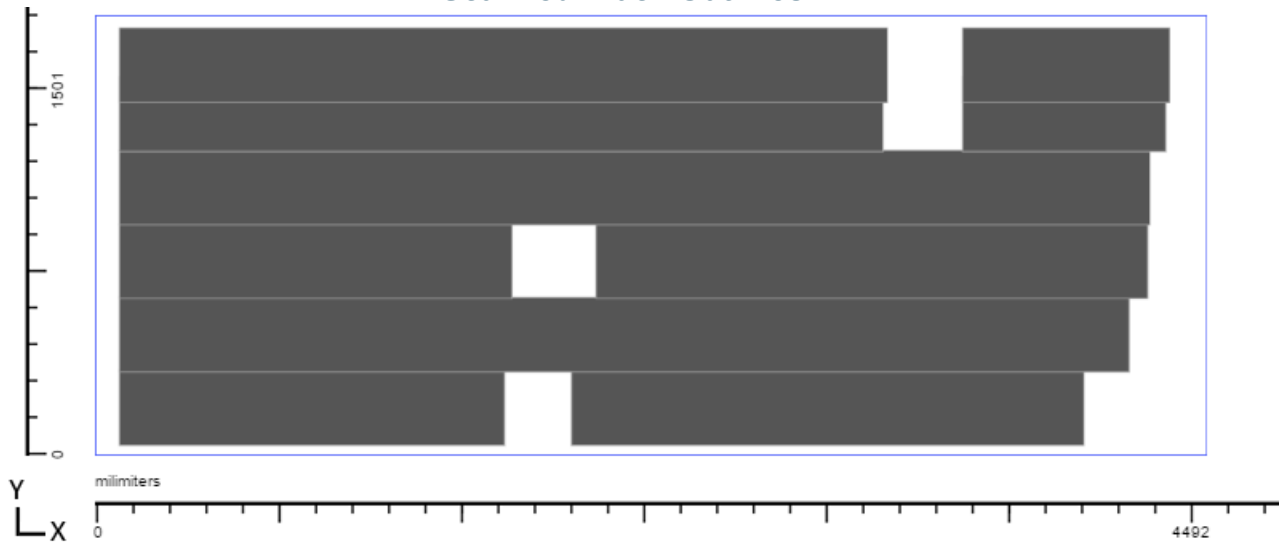




Plate Number 37

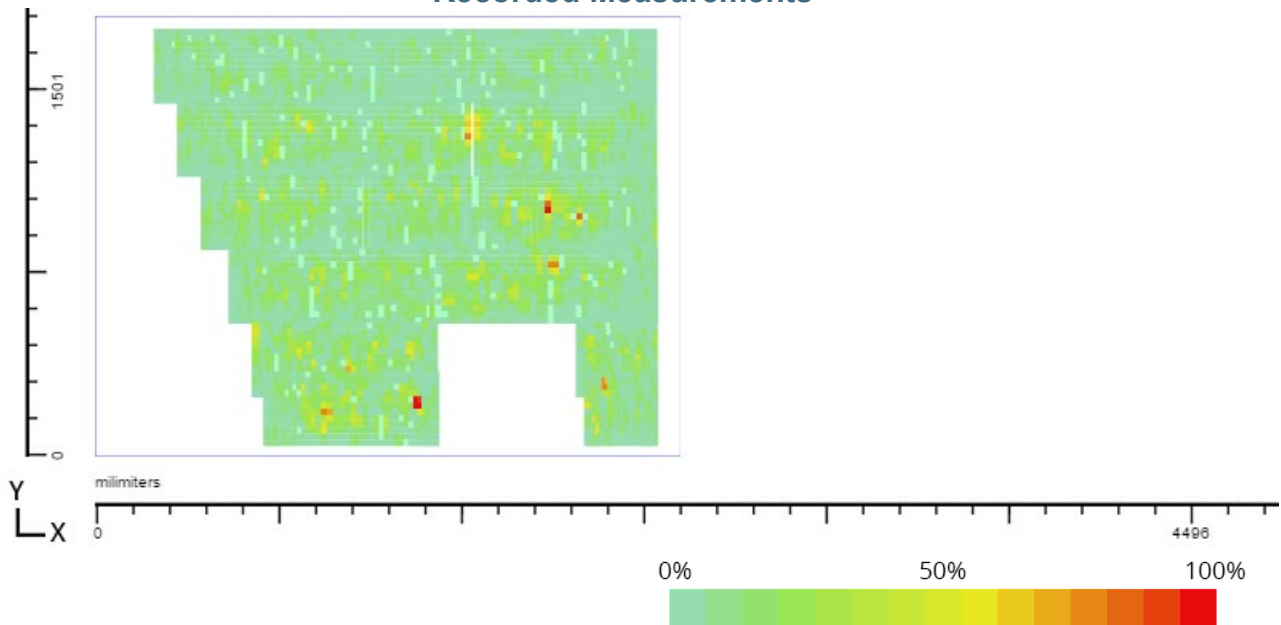


Maximum Signal Height: 100%

Plate Width:
2398.78mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

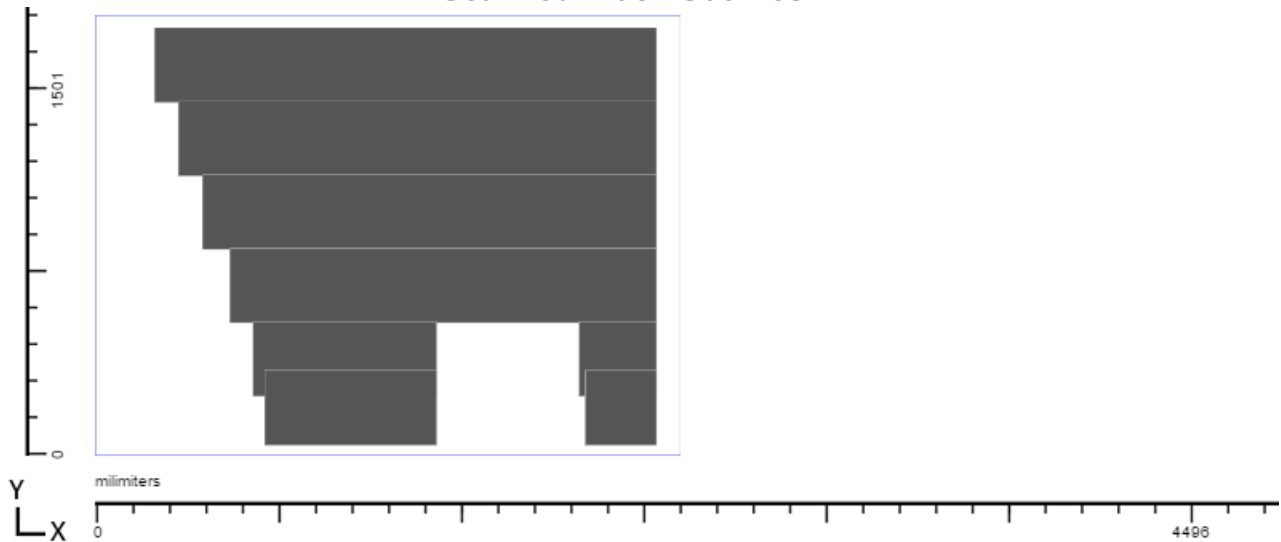




Plate Number 38

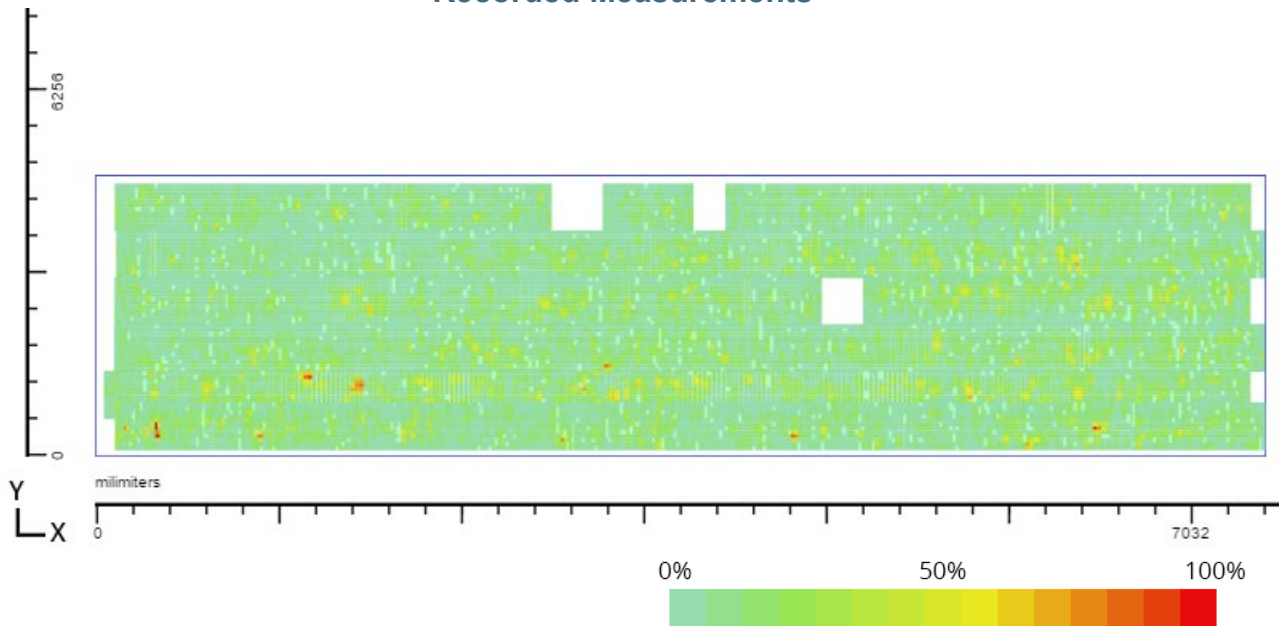


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

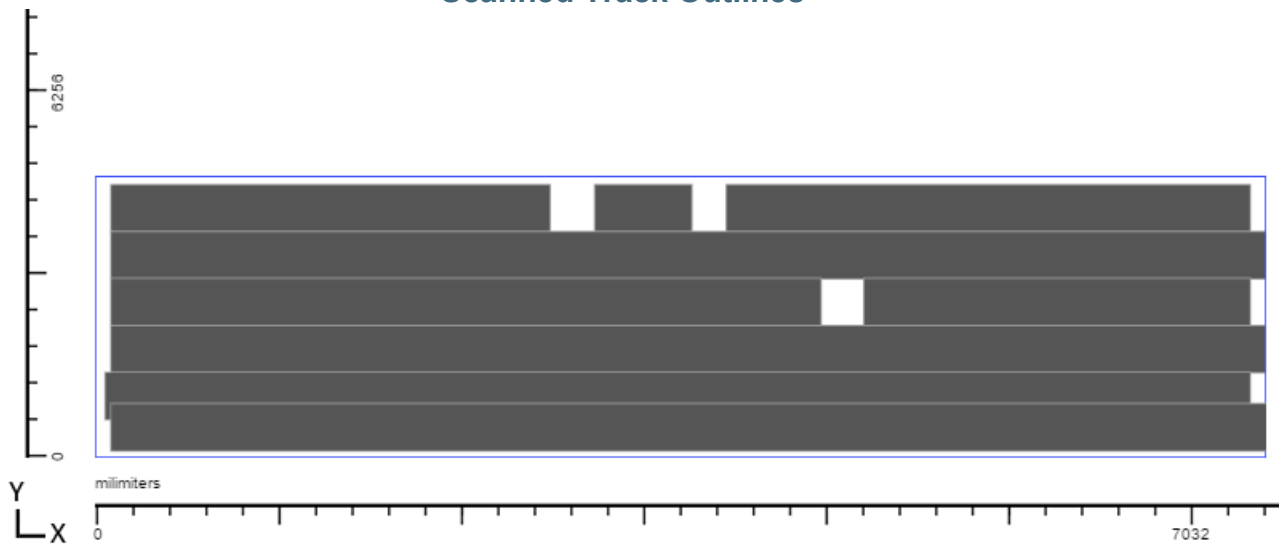




Plate Number 39

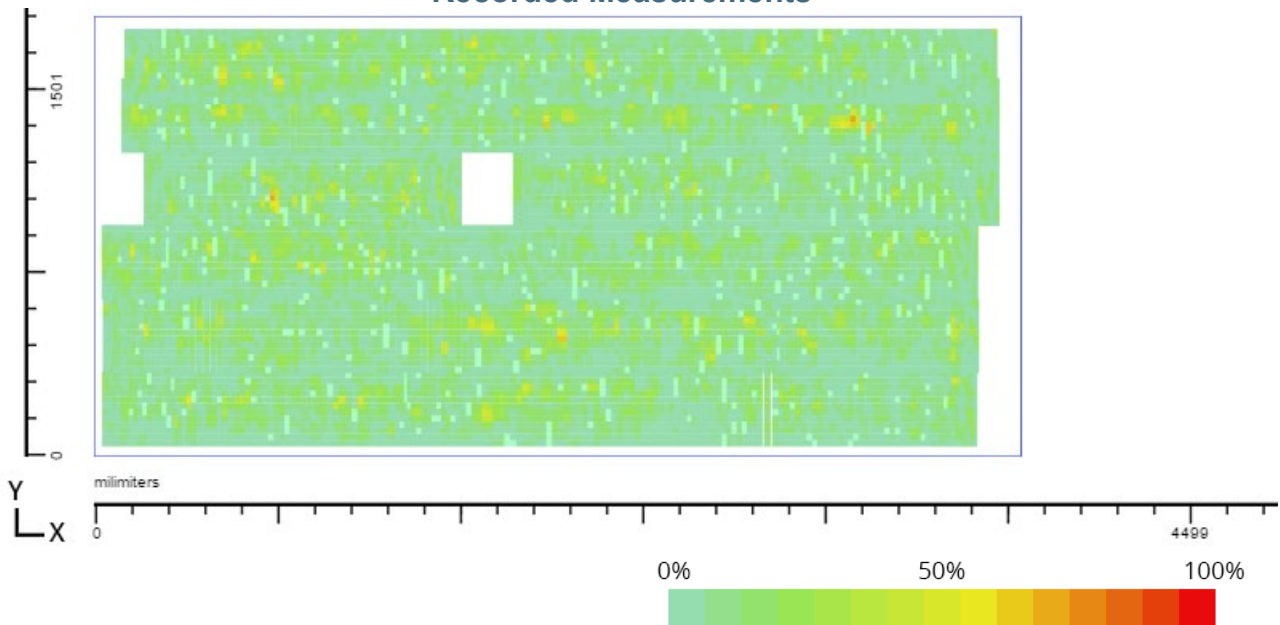


Maximum Signal Height:
73.3%

Plate Width:
3800.86mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

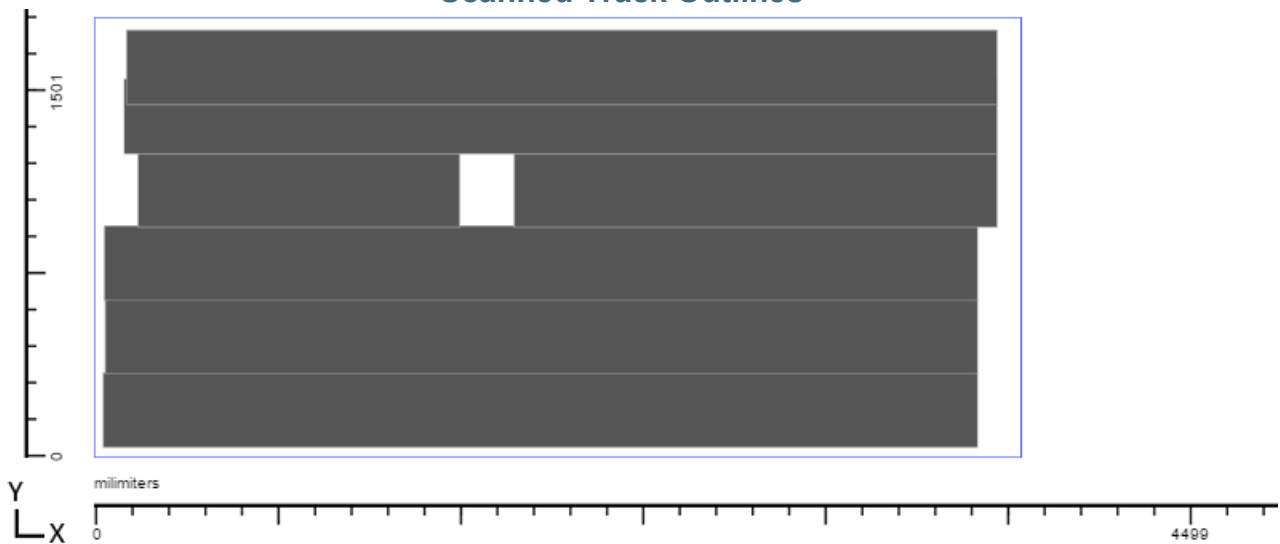




Plate Number 40

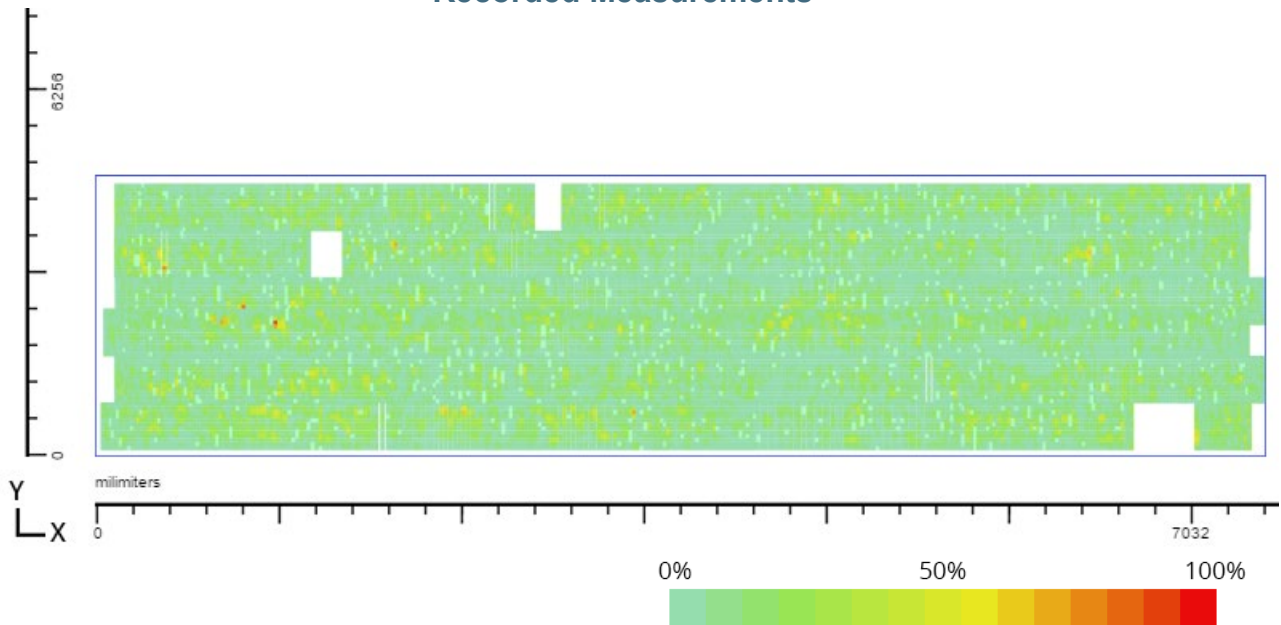


Maximum Signal Height:
93.3%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

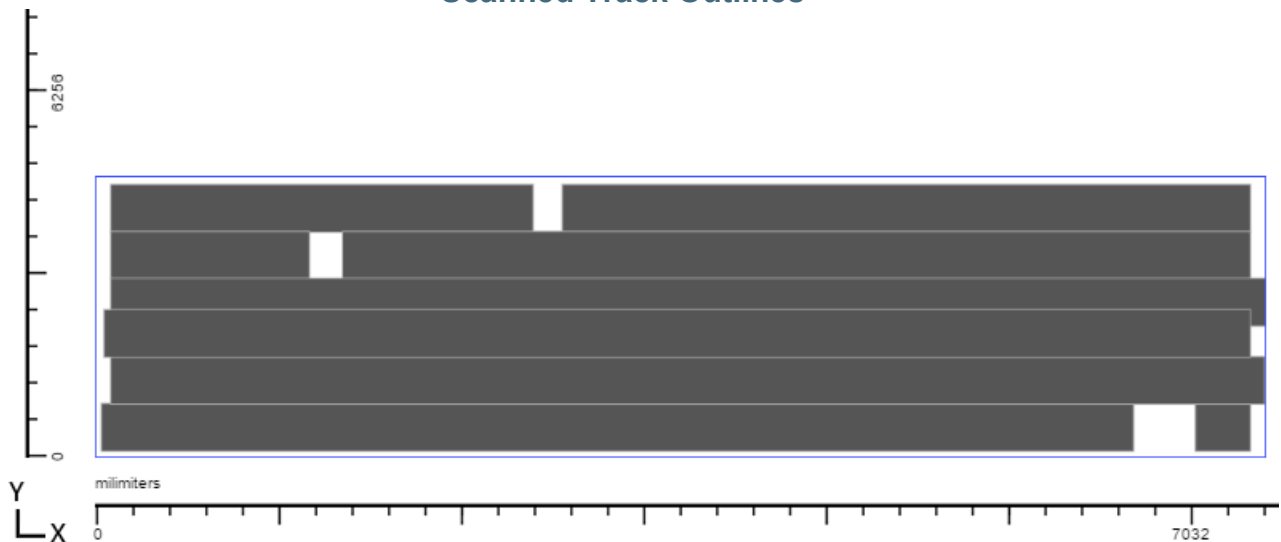
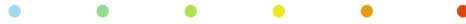




Plate Number 41

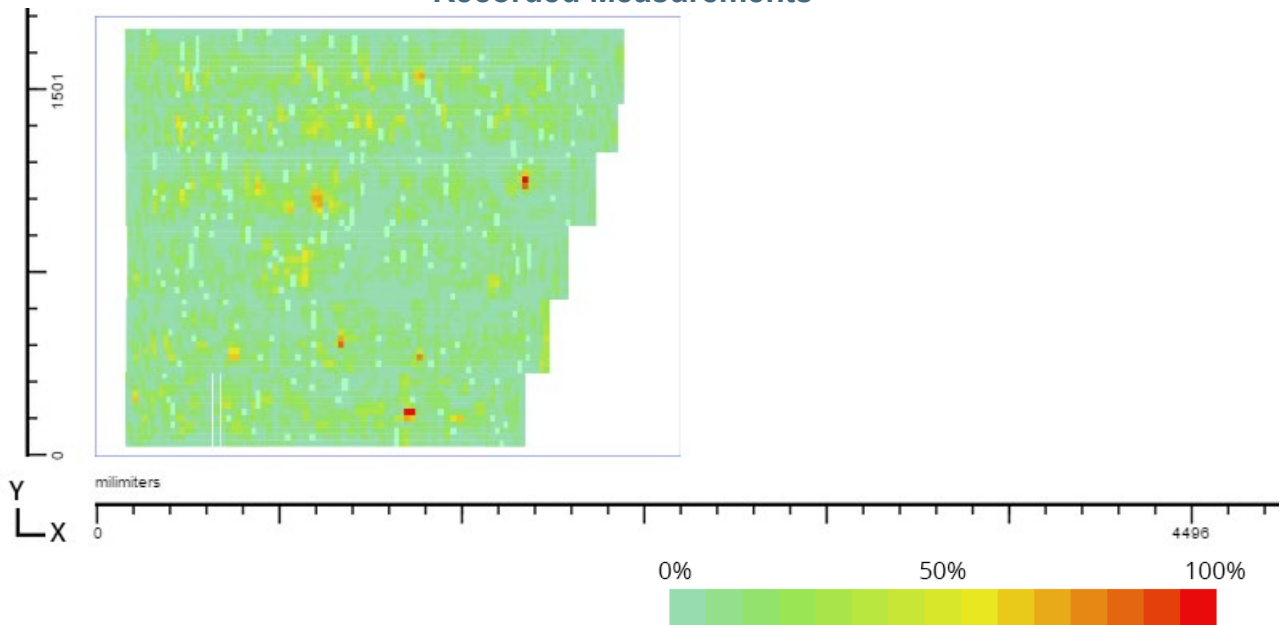


Maximum Signal Height: 100%

Plate Width:
2398.78mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

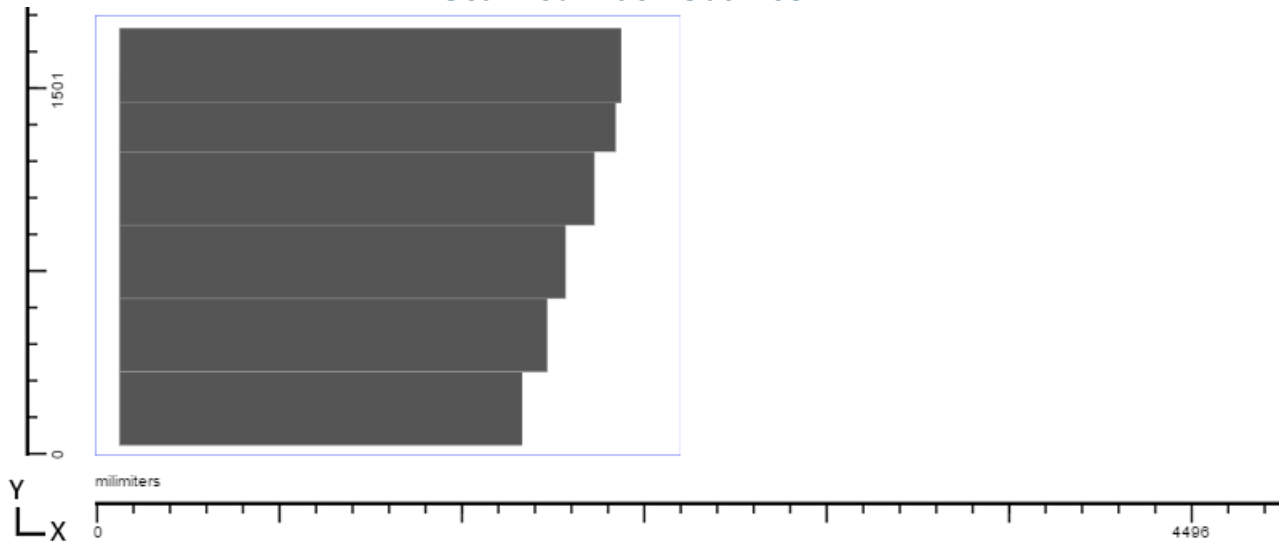




Plate Number 42

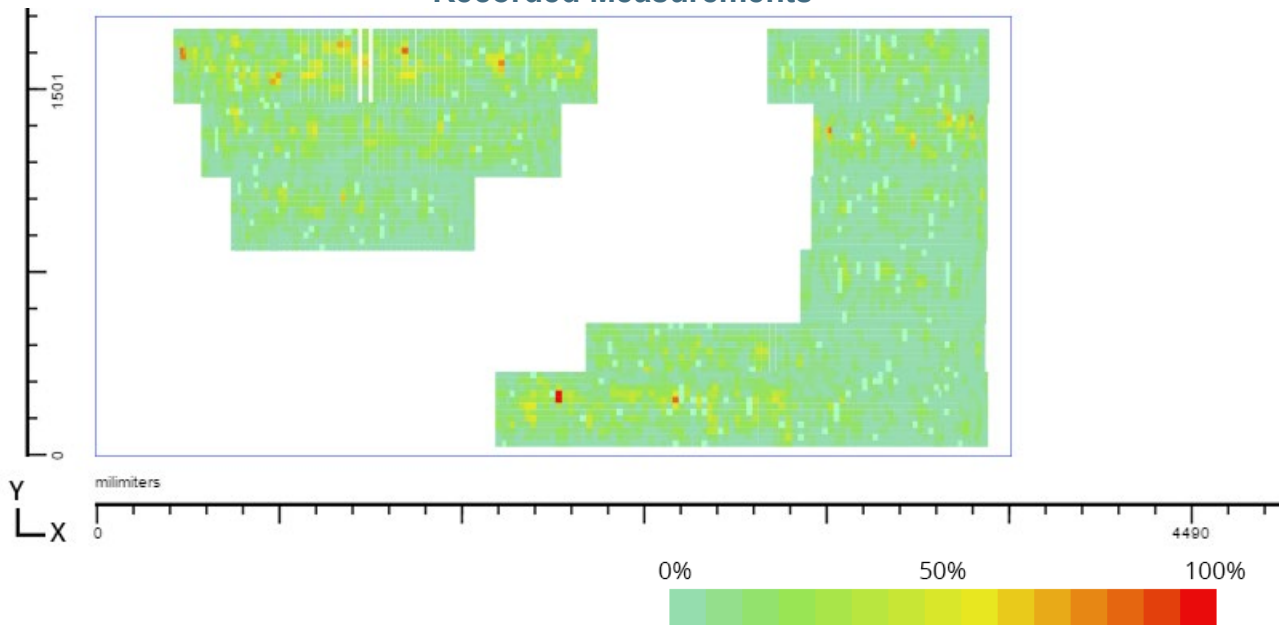


Maximum Signal Height: 100%

Plate Width:
3749.04mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

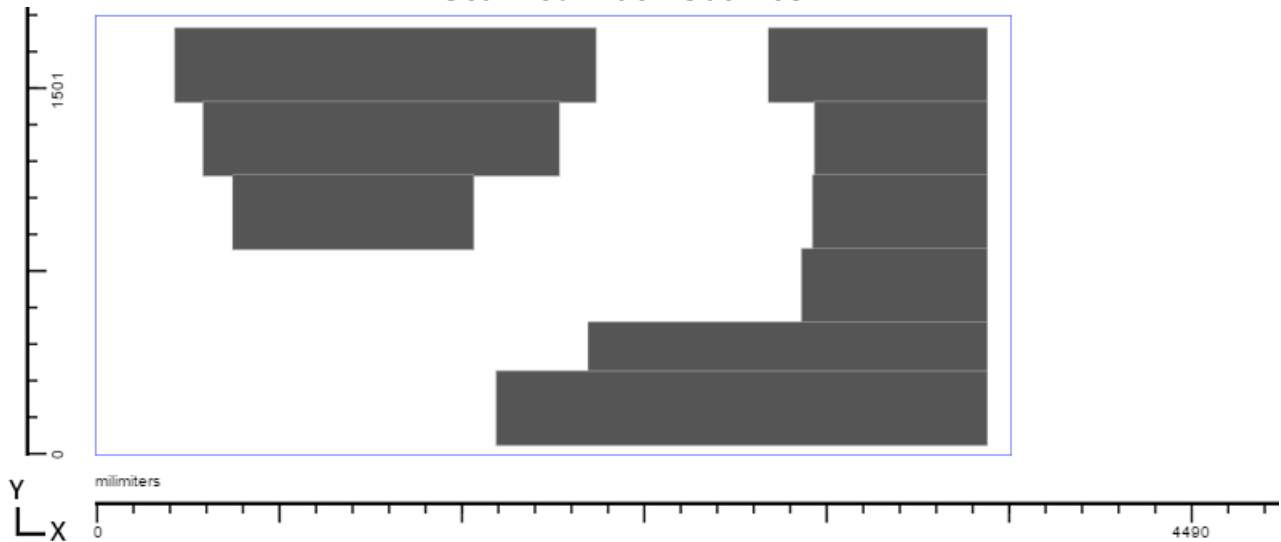




Plate Number 43

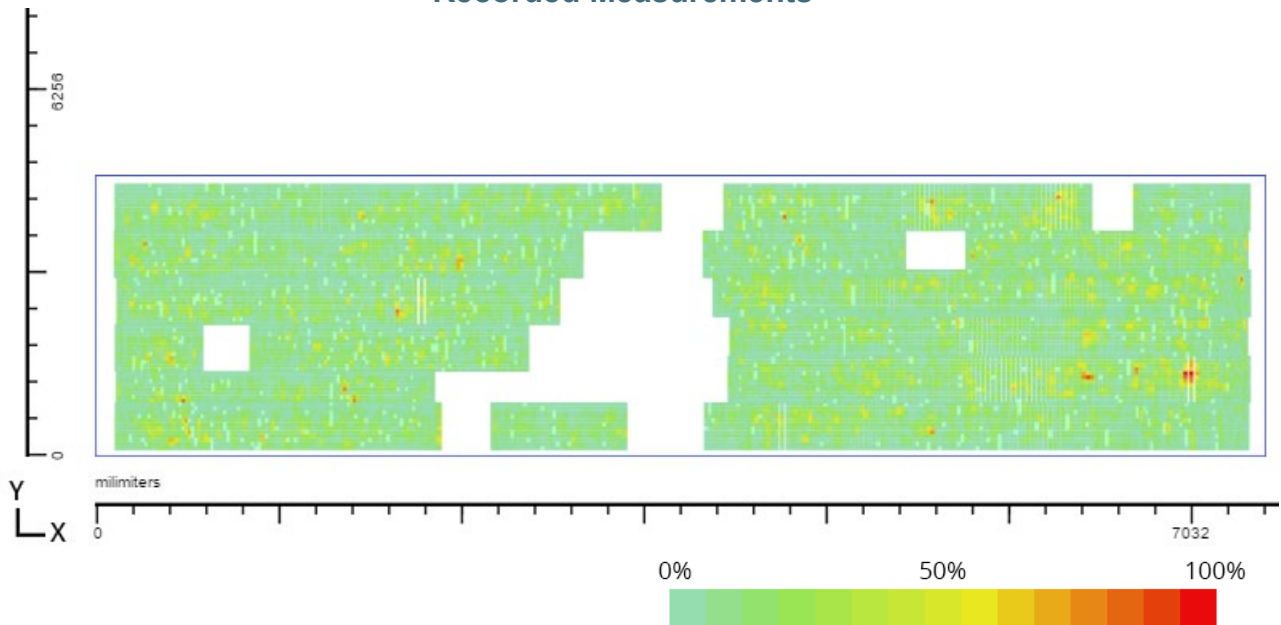


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

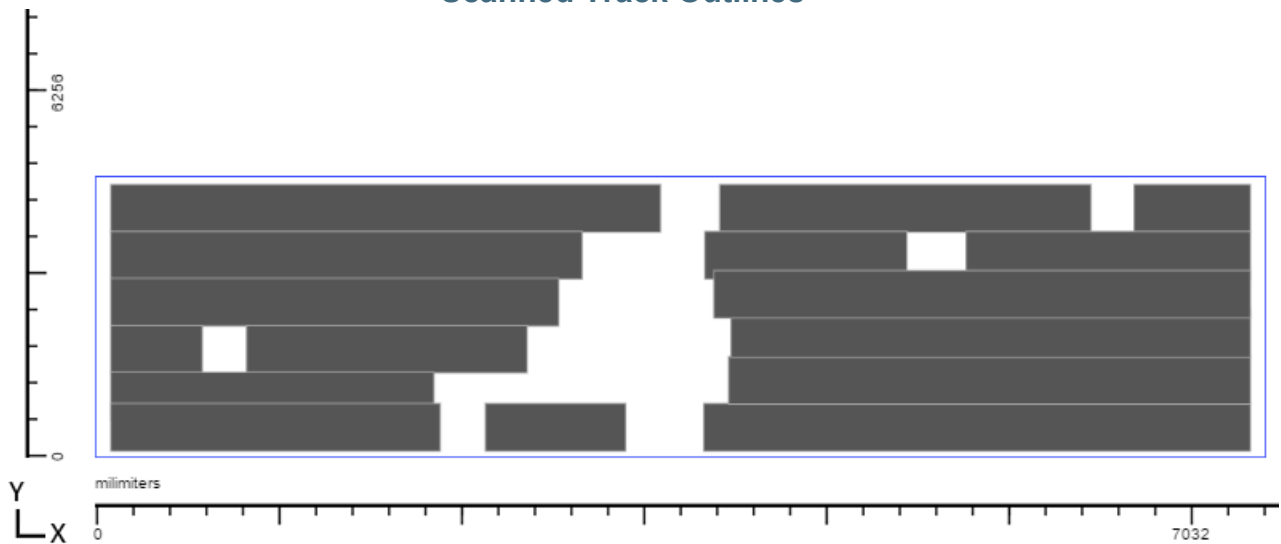




Plate Number 44

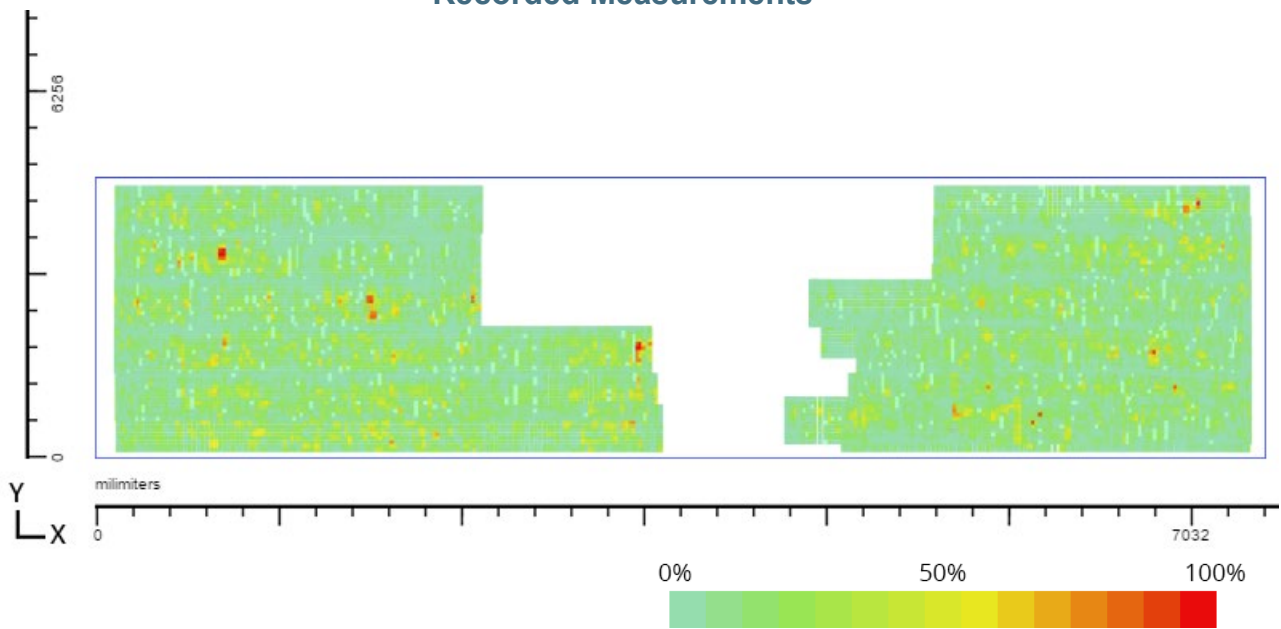


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

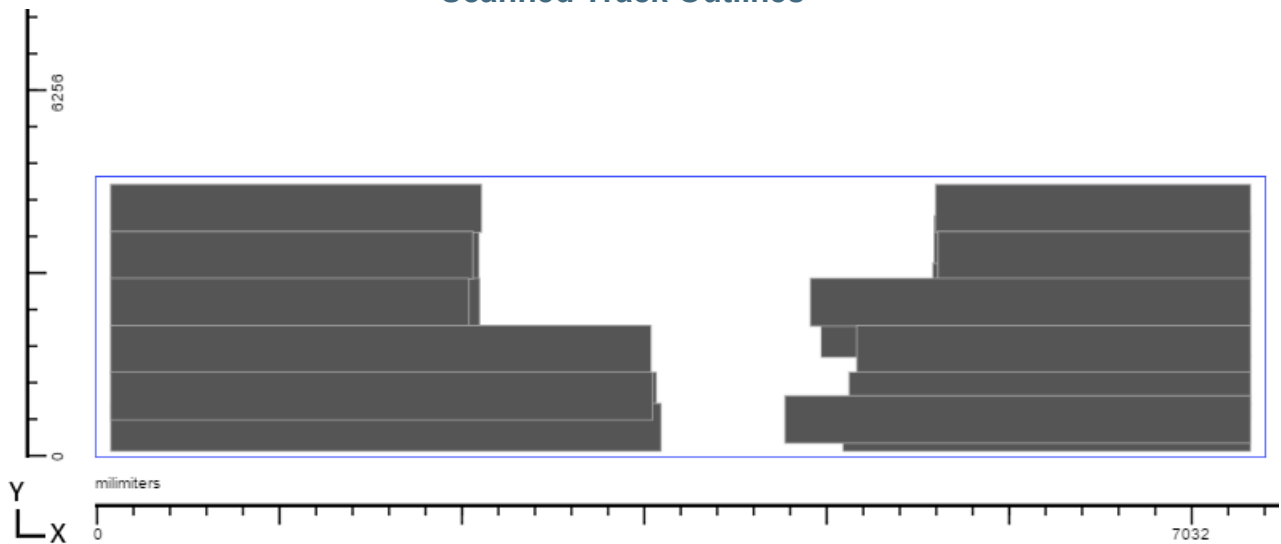




Plate Number 45

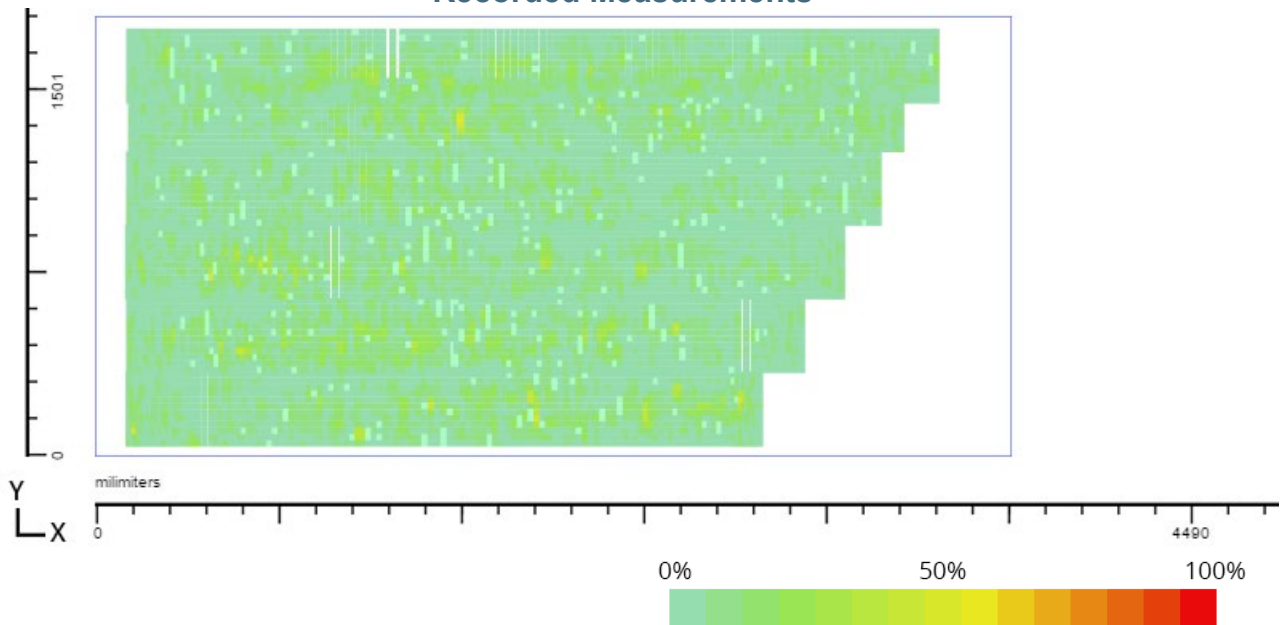


Maximum Signal Height: 60%

Plate Width:
3749.04mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

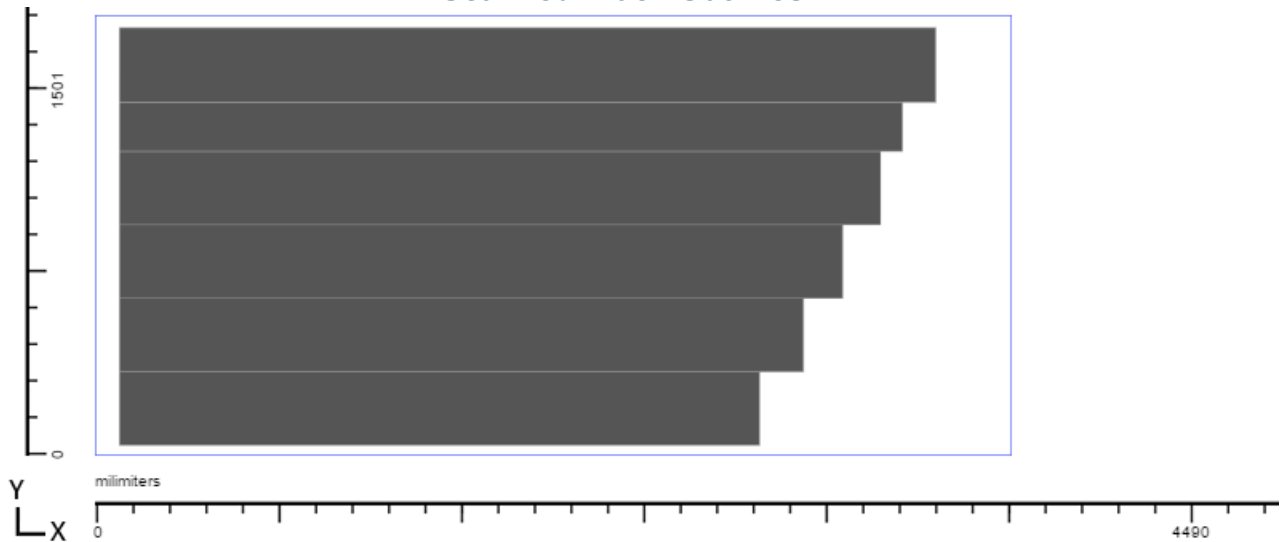




Plate Number 46

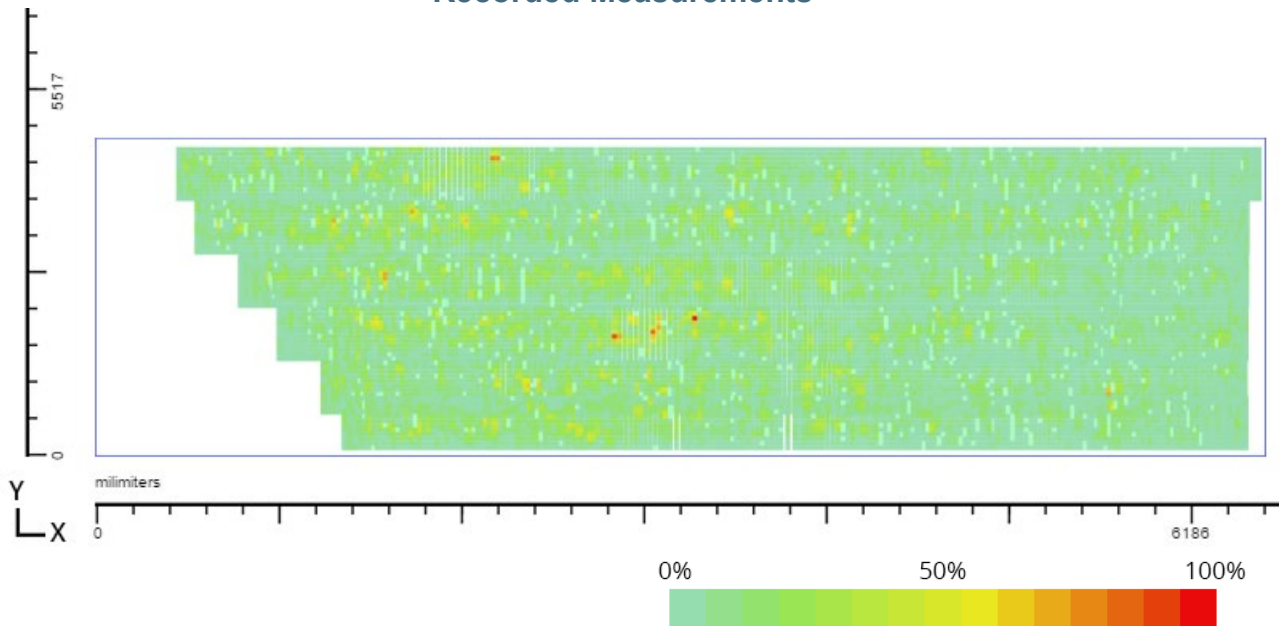


Maximum Signal Height: 100%

Plate Width:
6598.92mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

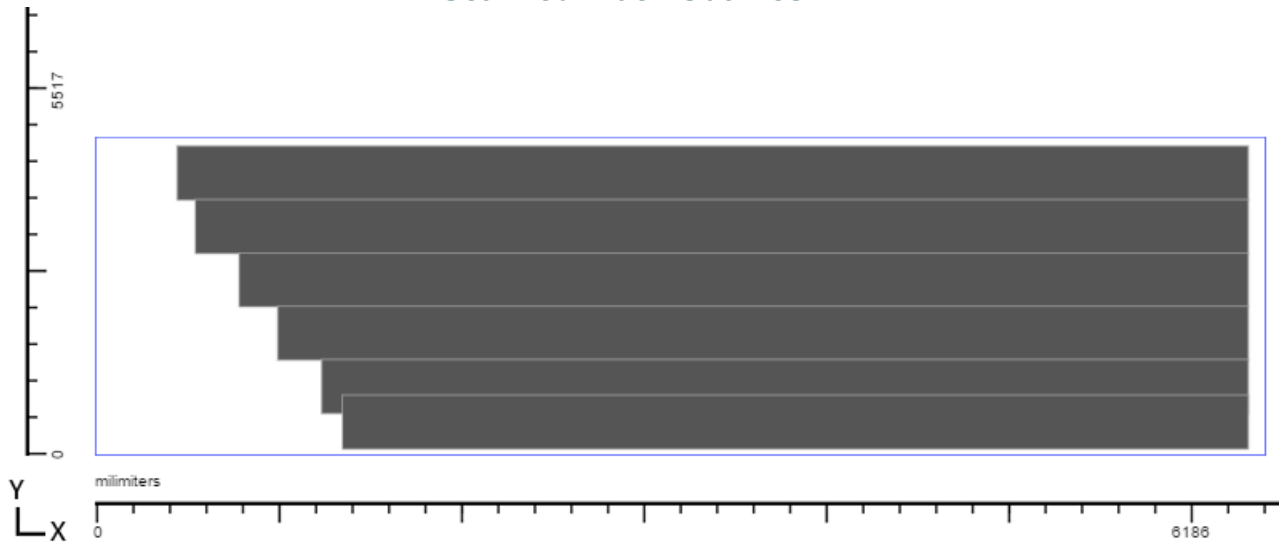




Plate Number 47

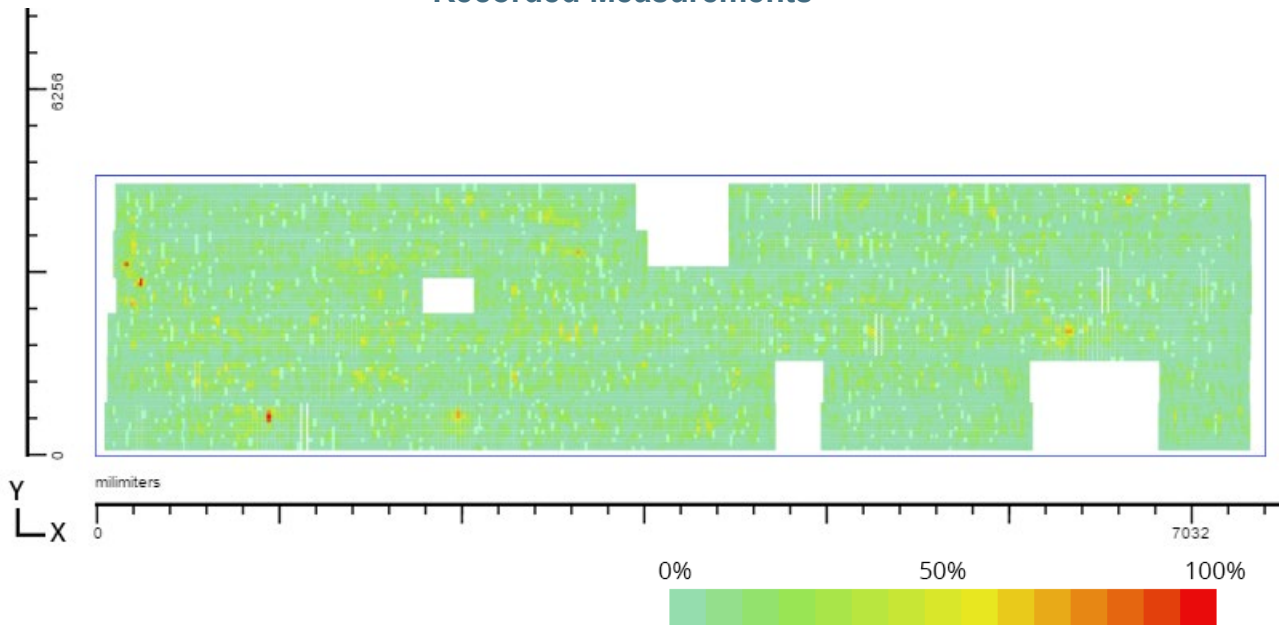


Maximum Signal Height: 100%

Plate Width:
7501.13mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

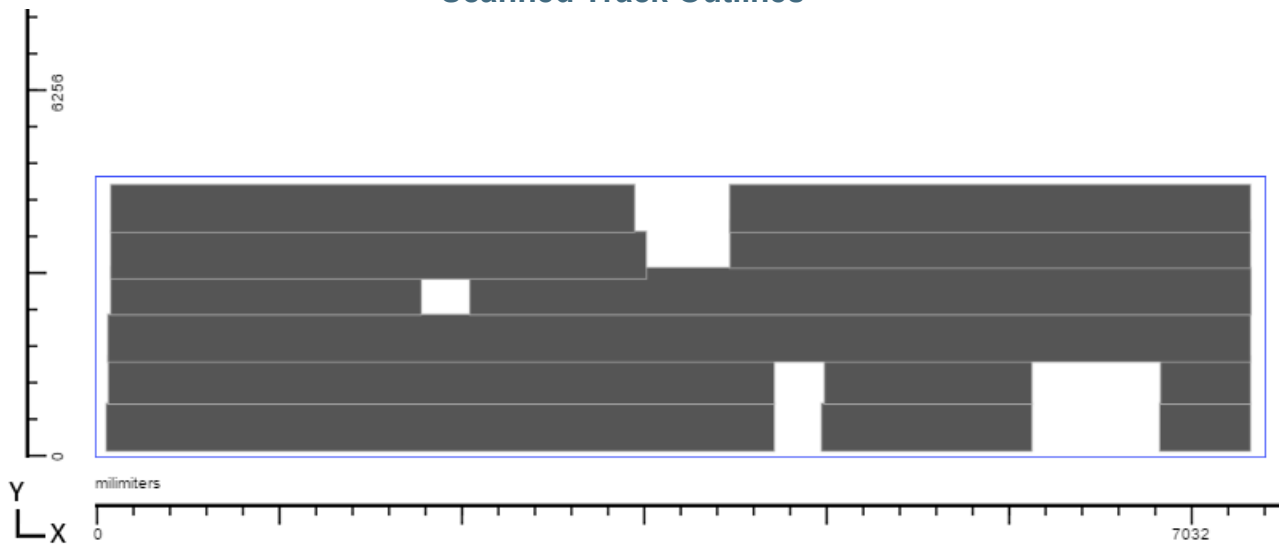




Plate Number 48

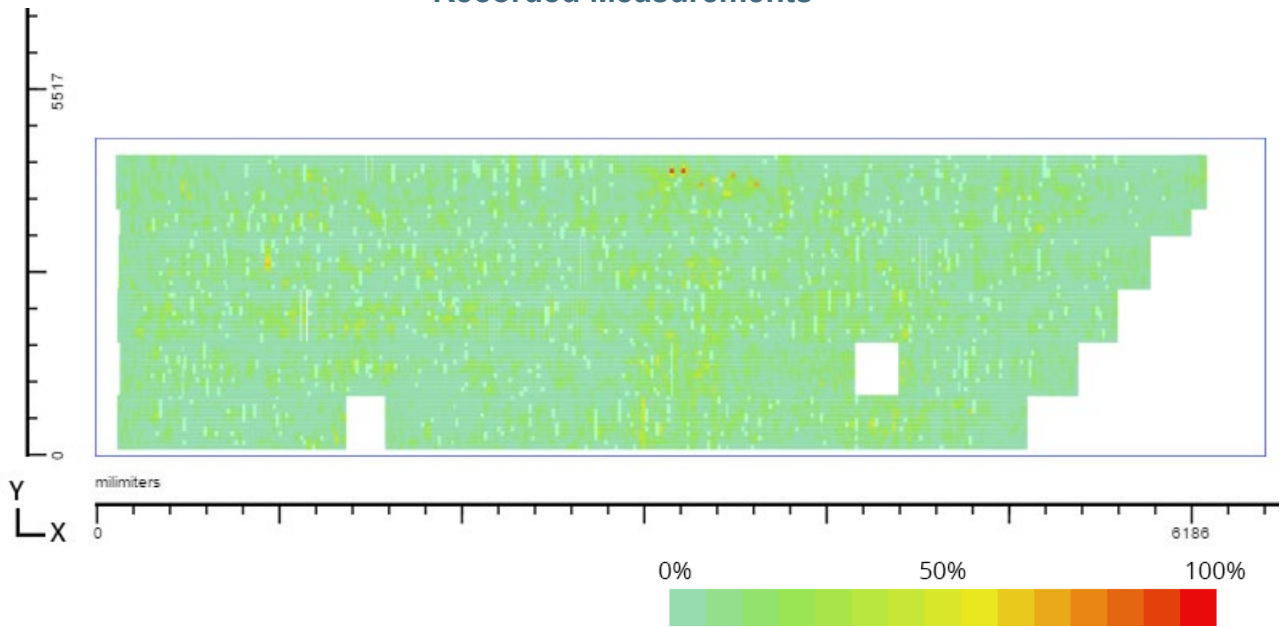


Maximum Signal Height:
93.3%

Plate Width:
6598.92mm

Plate Height:
1801.37mm

Recorded Measurements



Scanned Track Outlines

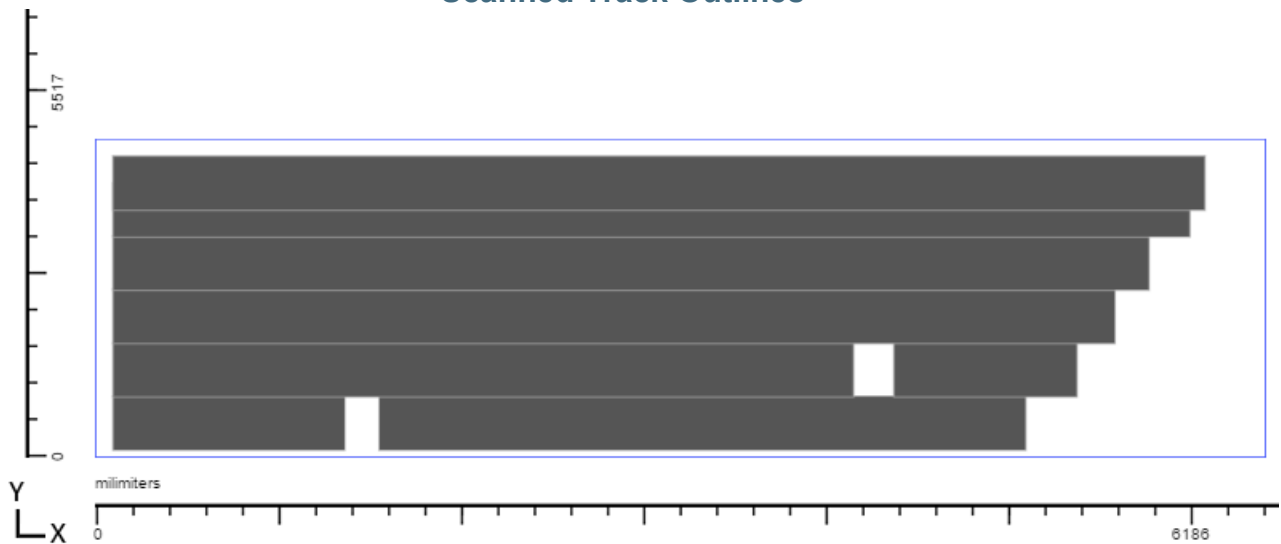




Plate Number 49

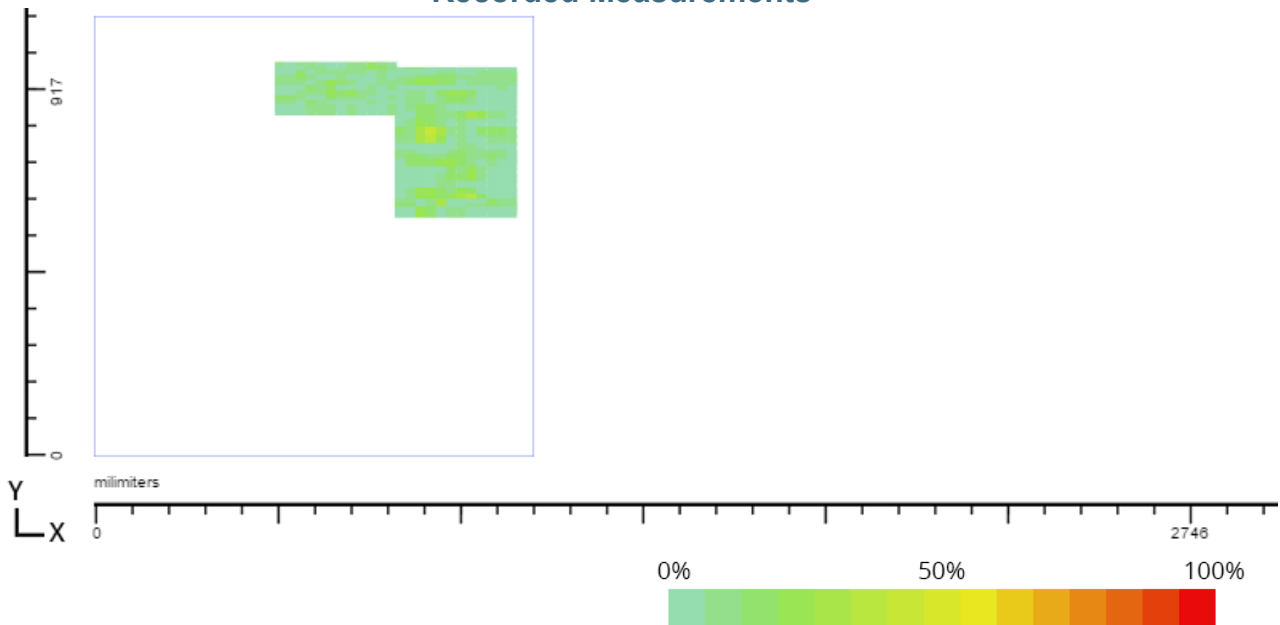


Maximum Signal Height:
46.7%

Plate Width:
1100.33mm

Plate Height:
1100.33mm

Recorded Measurements



Scanned Track Outlines

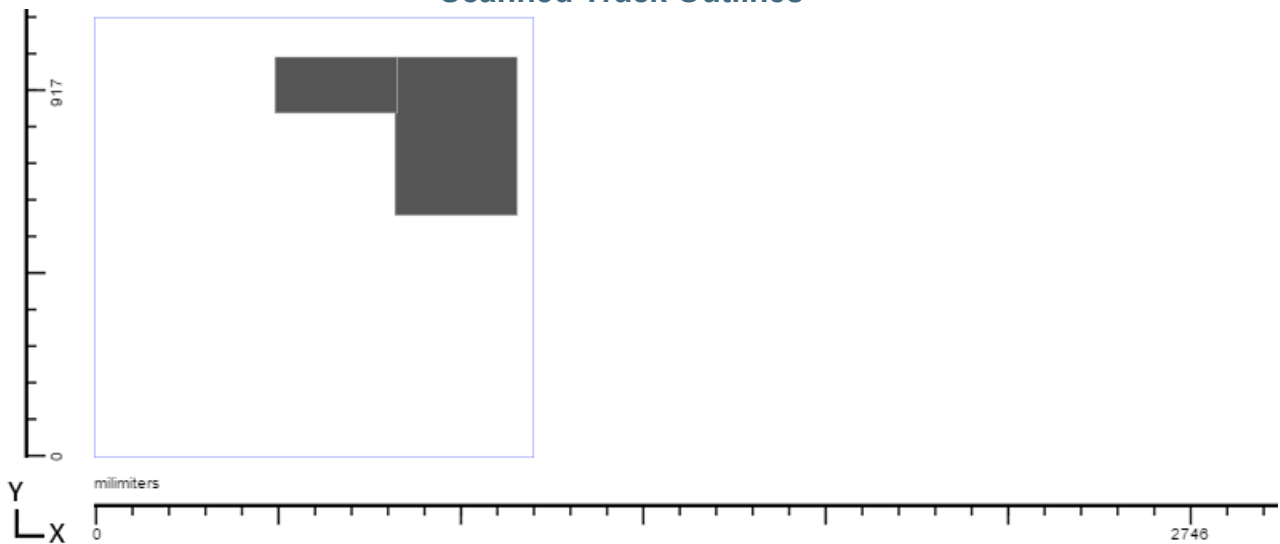




Plate Number 50

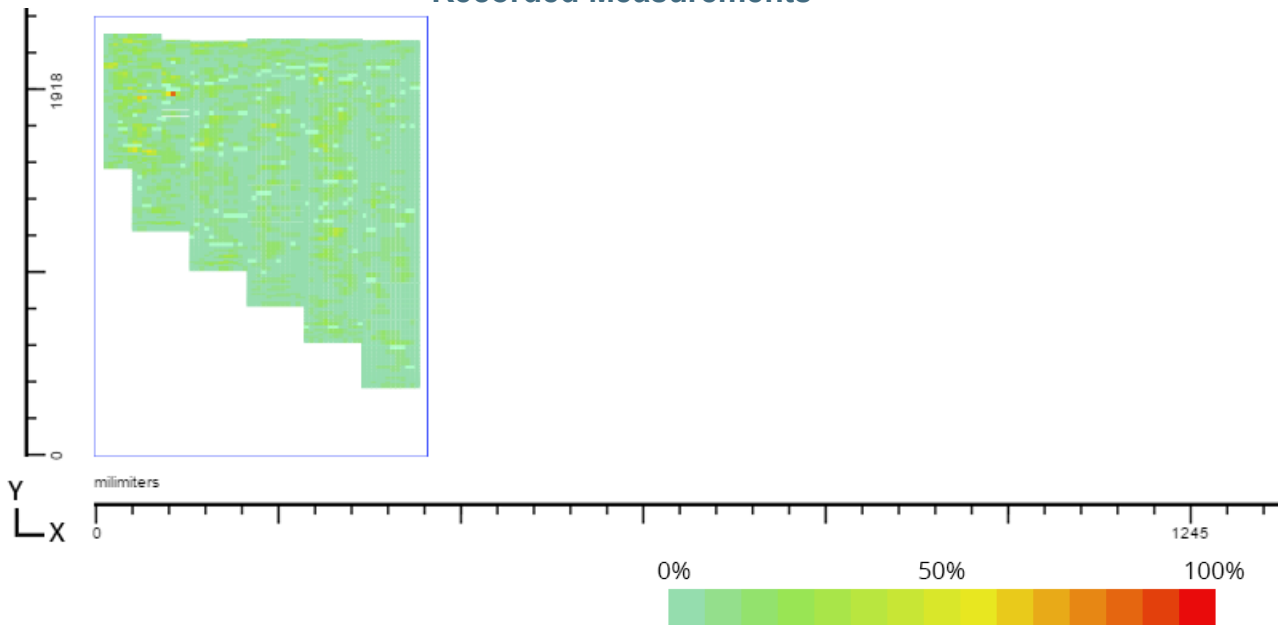


Maximum Signal Height:
86.7%

Plate Width:
1749.55mm

Plate Height:
2301.24mm

Recorded Measurements



Scanned Track Outlines

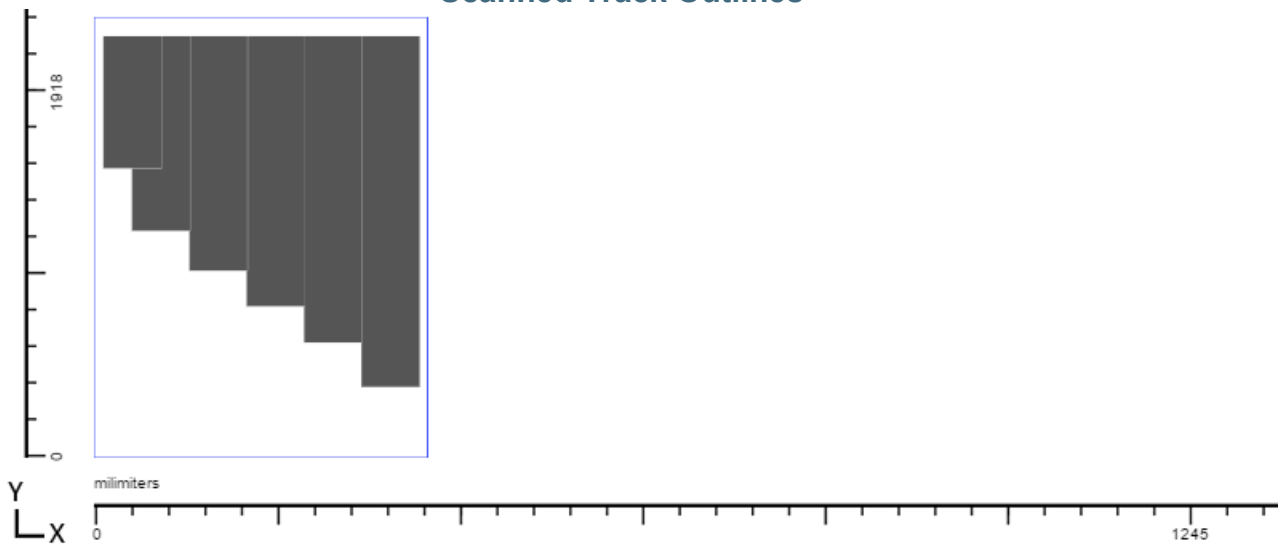




Plate Number 51

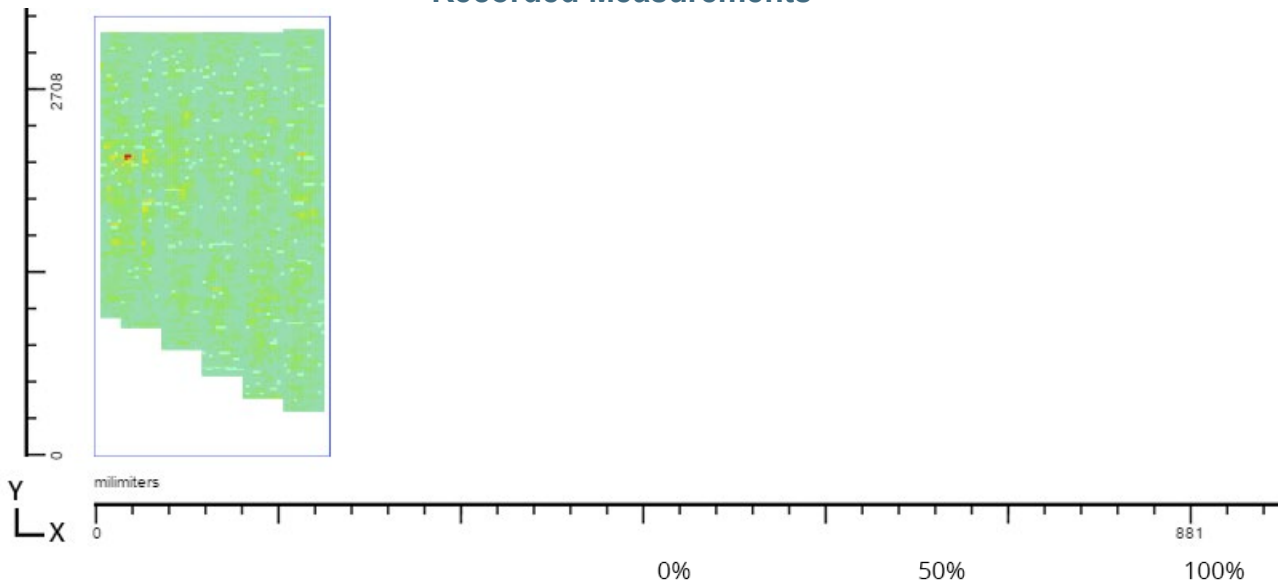


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
3249.17mm

Recorded Measurements



Scanned Track Outlines

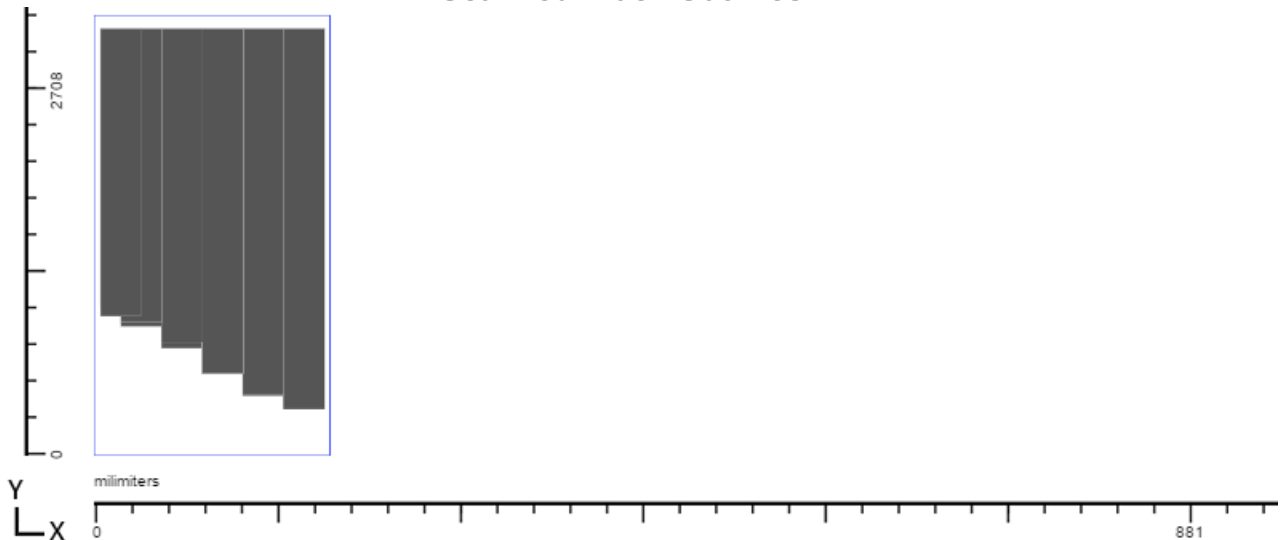




Plate Number 52

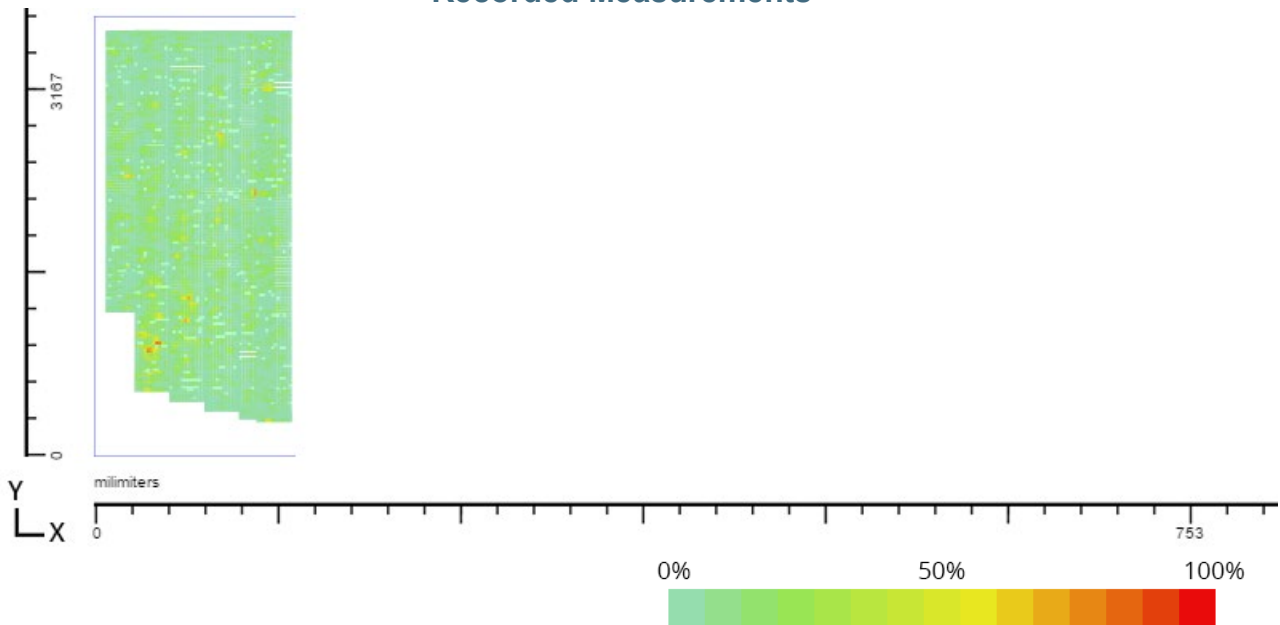


Maximum Signal Height:
86.7%

Plate Width:
1749.55mm

Plate Height:
3800.86mm

Recorded Measurements



Scanned Track Outlines

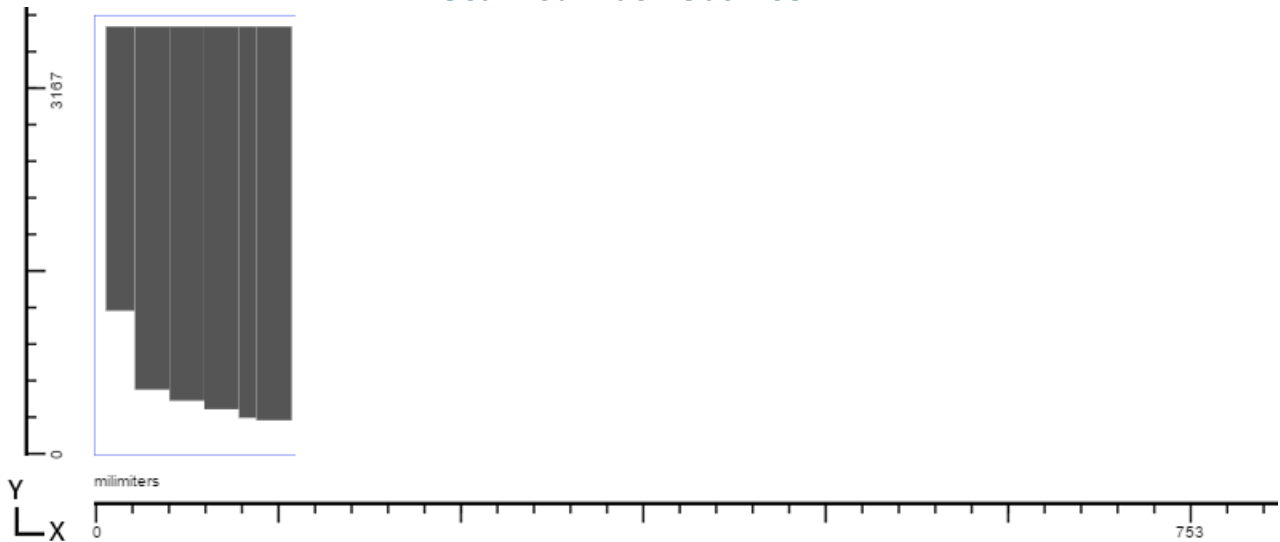




Plate Number 53

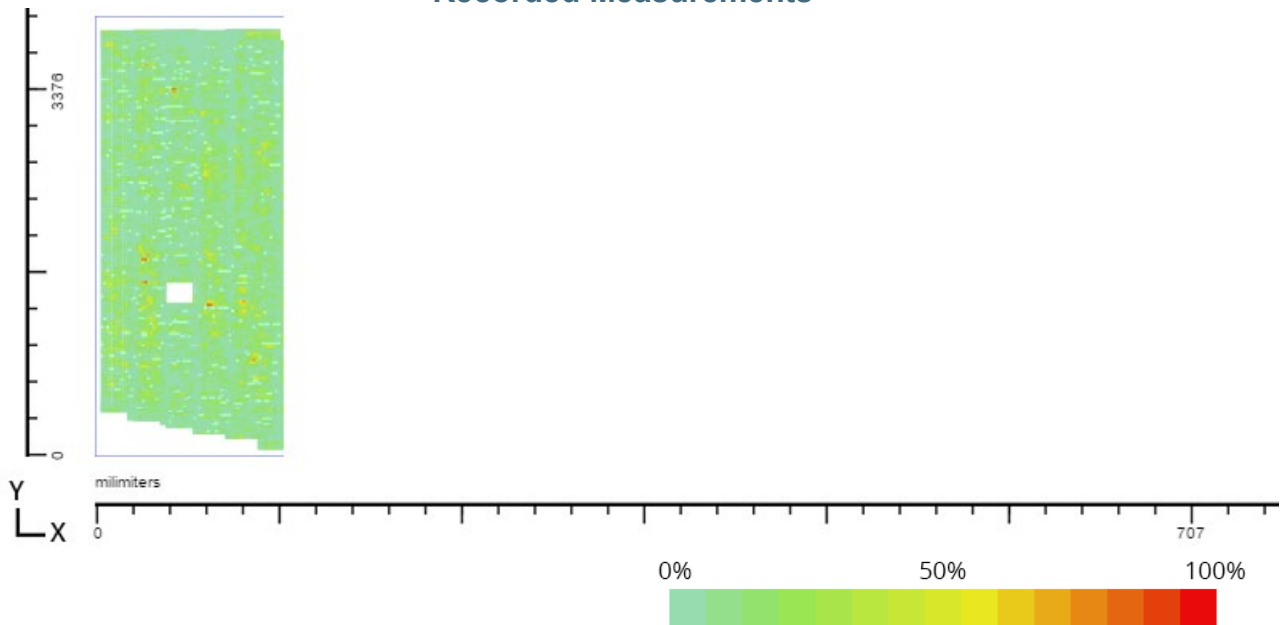


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
4050.79mm

Recorded Measurements



Scanned Track Outlines

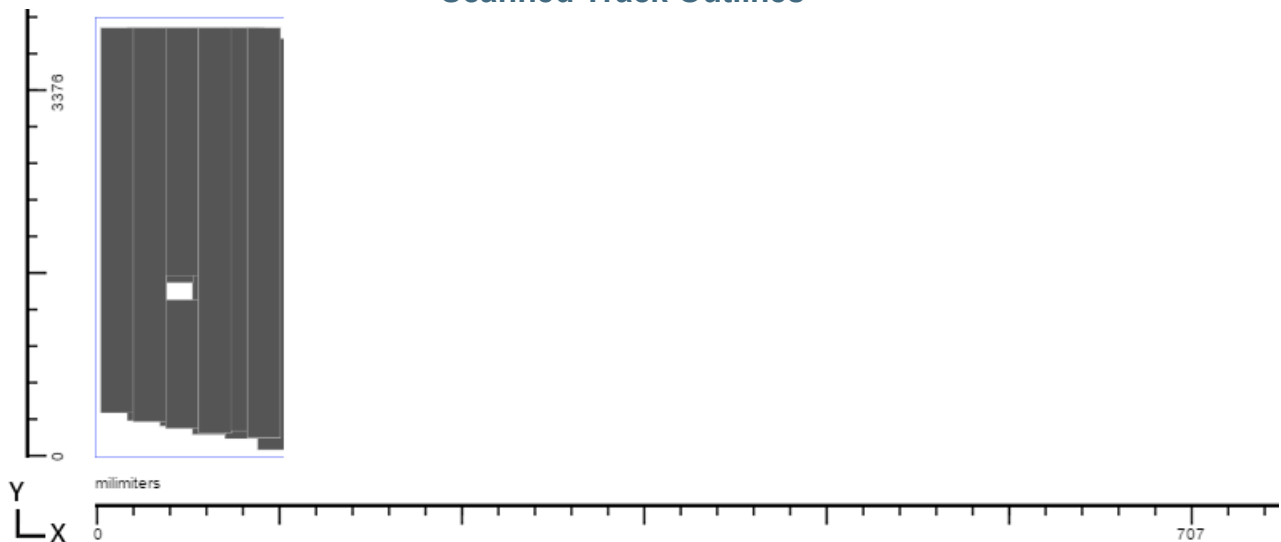




Plate Number 54

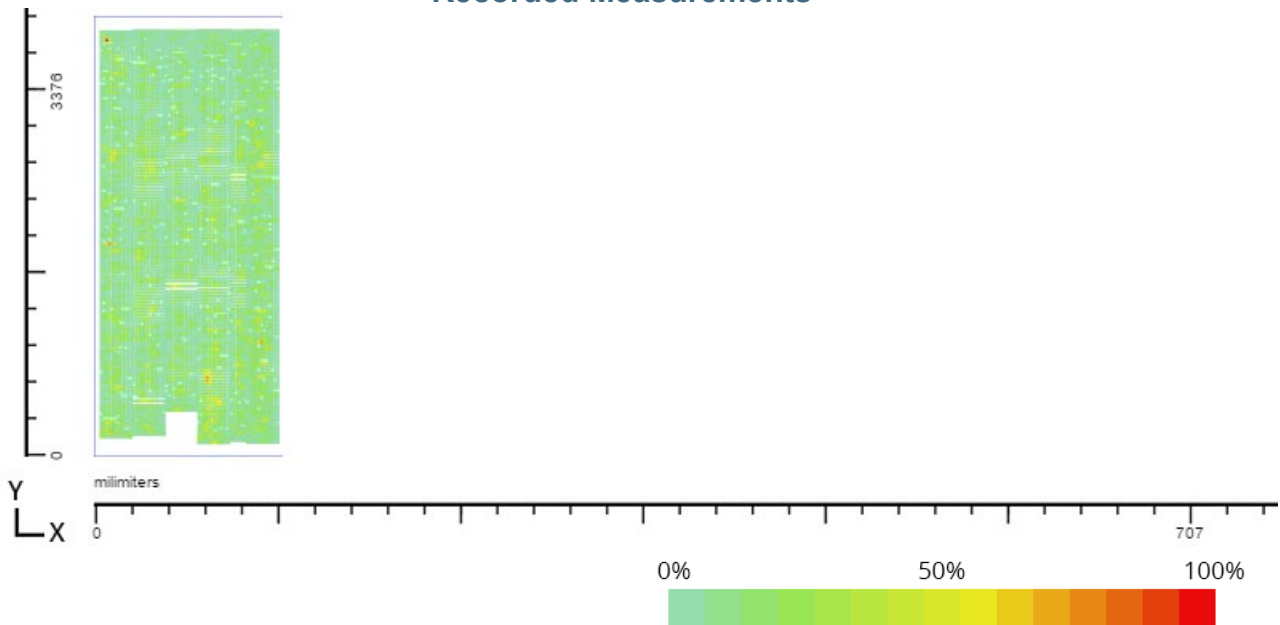


Maximum Signal Height:
93.3%

Plate Width:
1749.55mm

Plate Height:
4050.79mm

Recorded Measurements



Scanned Track Outlines

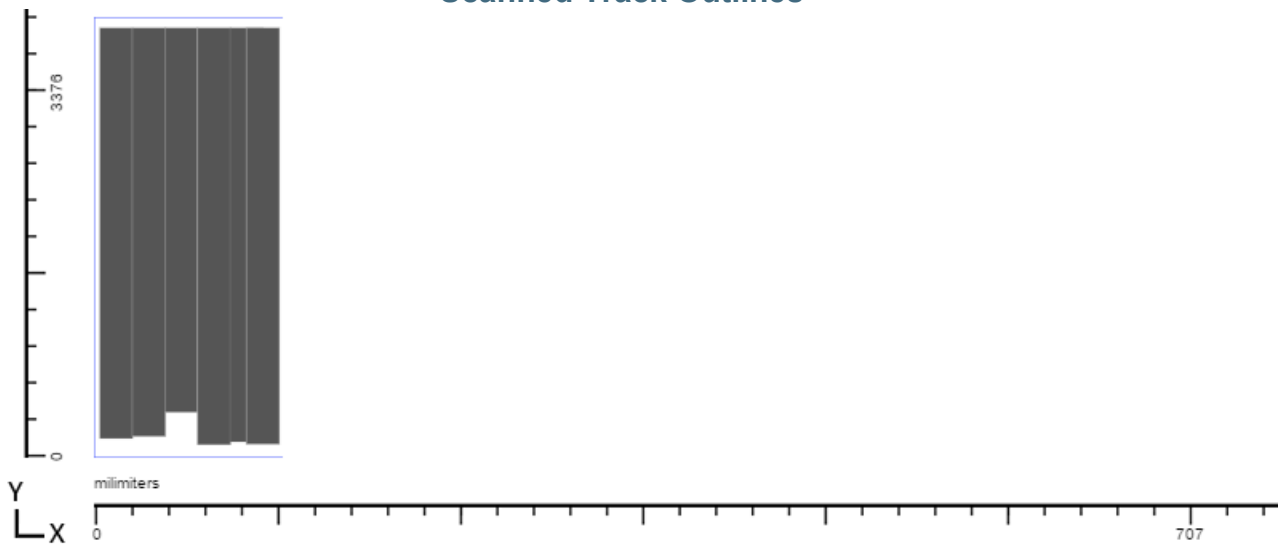




Plate Number 55

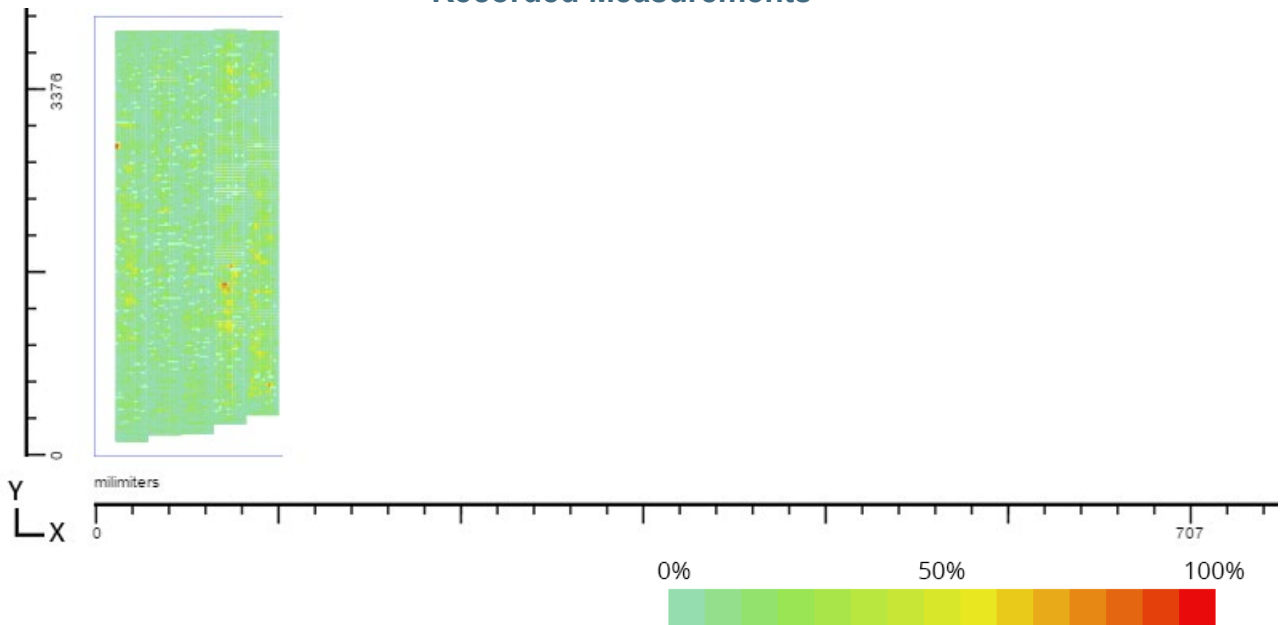


Maximum Signal Height:
93.3%

Plate Width:
1749.55mm

Plate Height:
4050.79mm

Recorded Measurements



Scanned Track Outlines

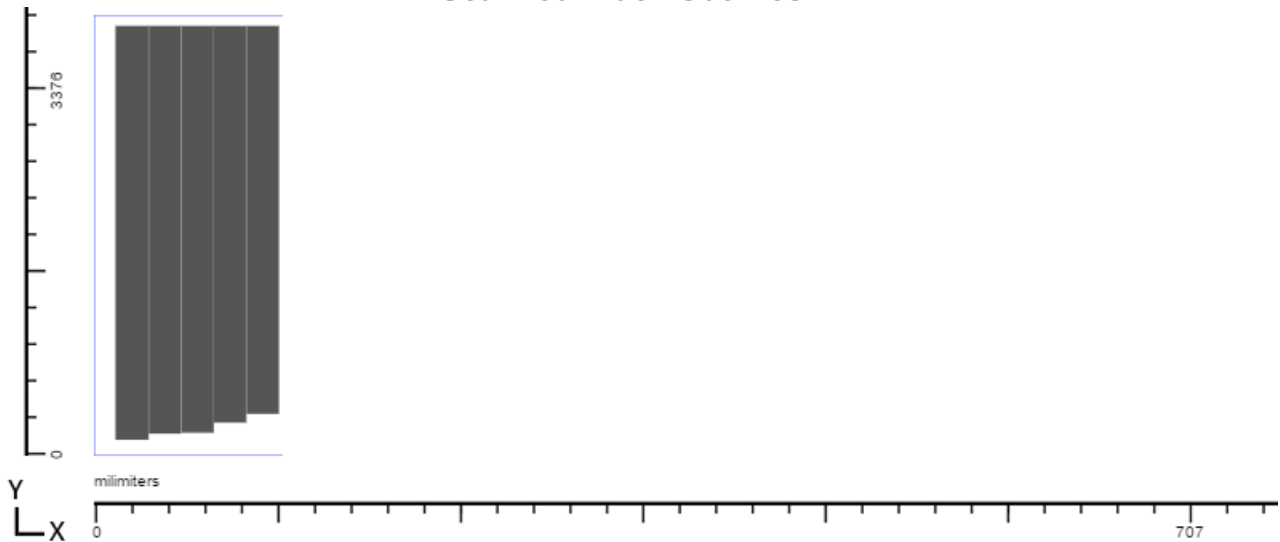




Plate Number 56

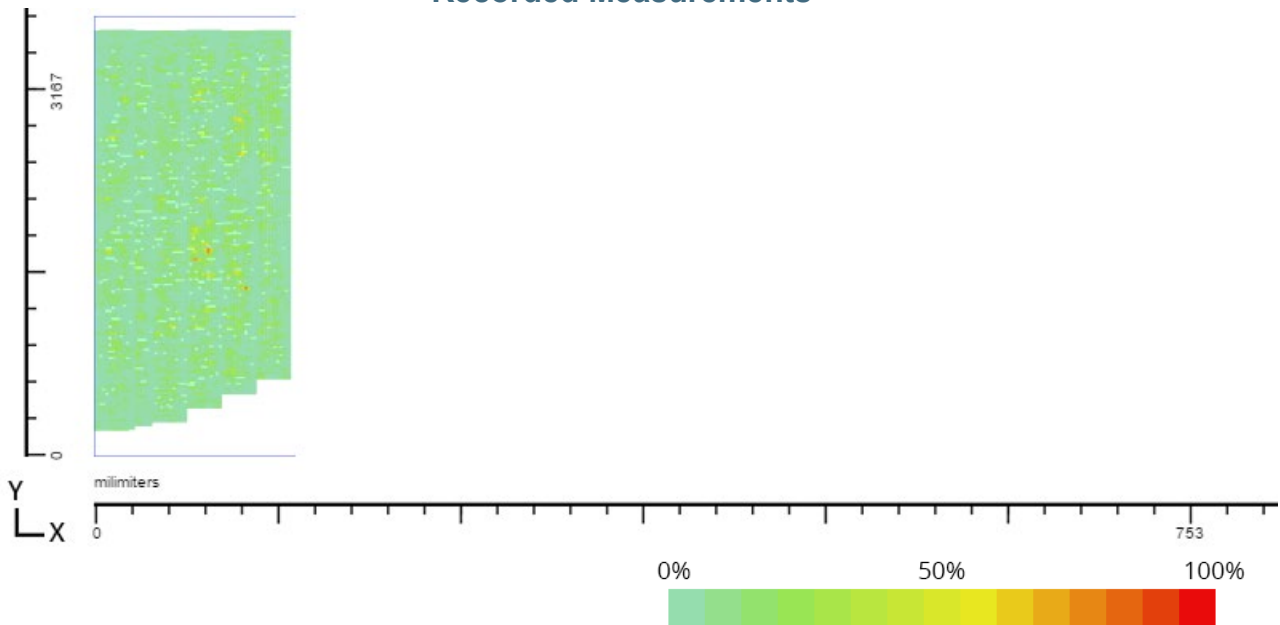


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
3800.86mm

Recorded Measurements



Scanned Track Outlines

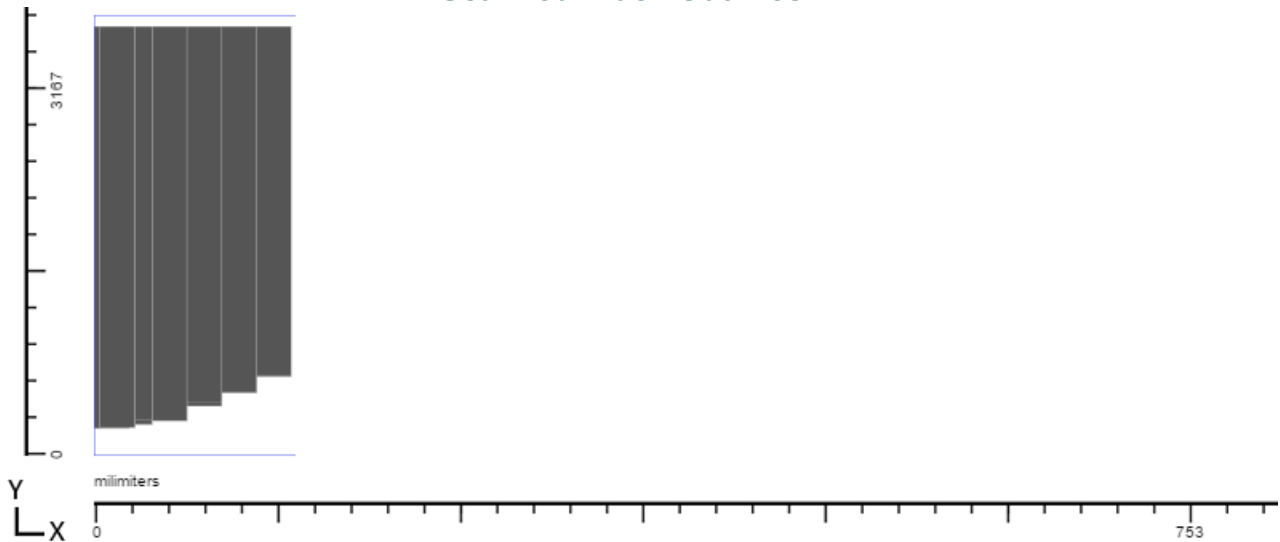




Plate Number 57

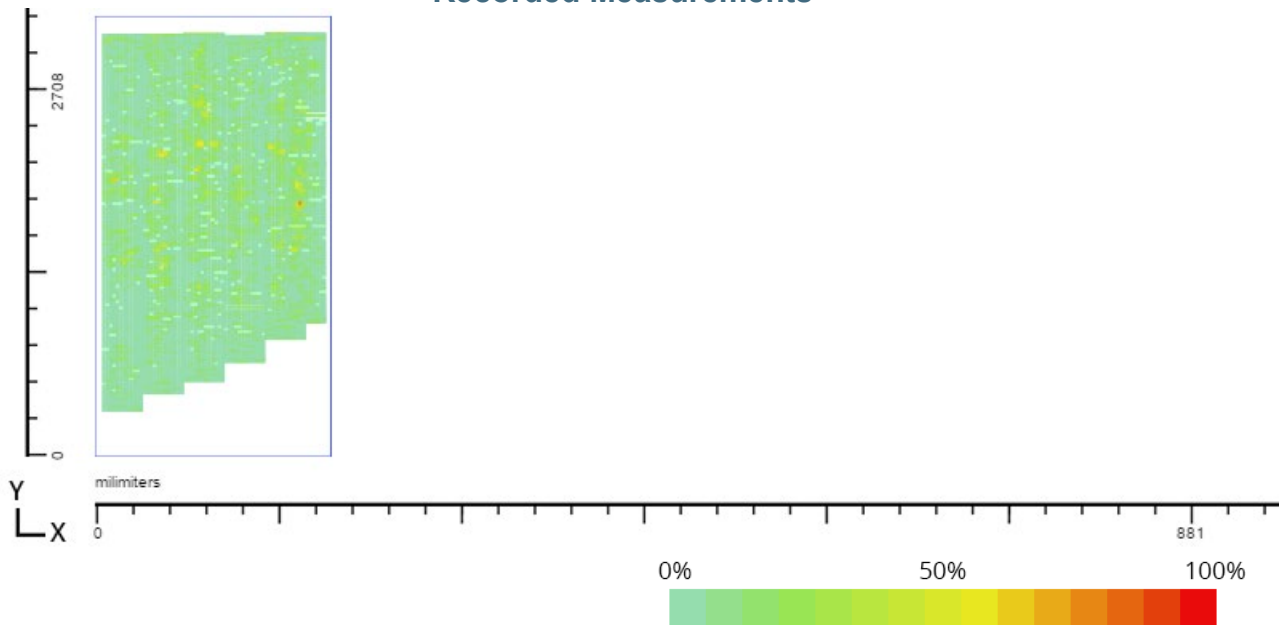


Maximum Signal Height: 80%

Plate Width:
1749.55mm

Plate Height:
3249.17mm

Recorded Measurements



Scanned Track Outlines

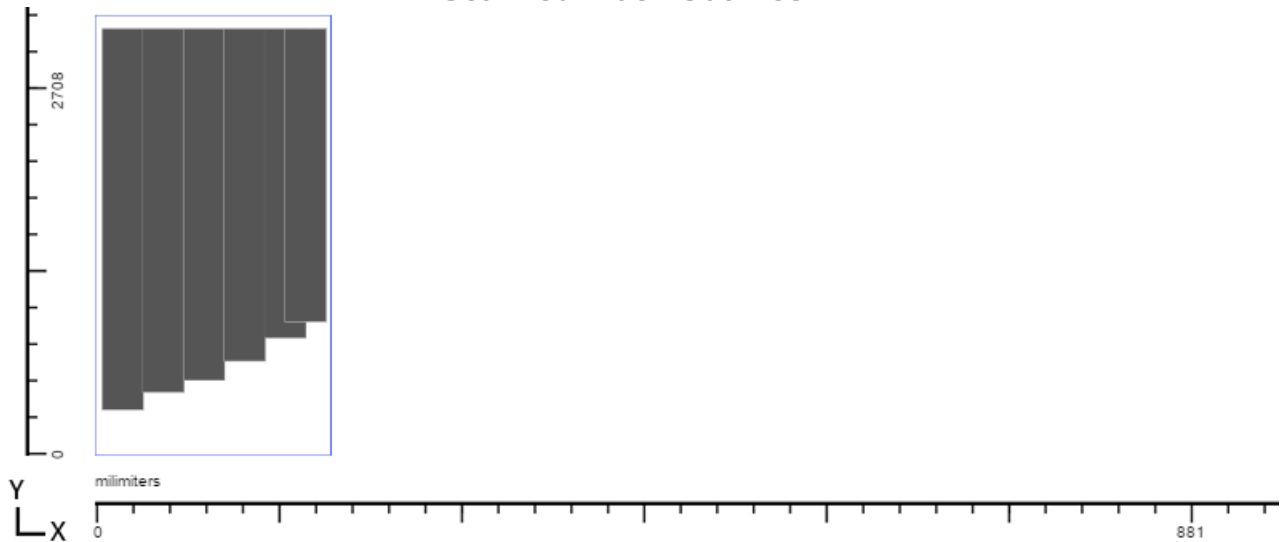




Plate Number 58

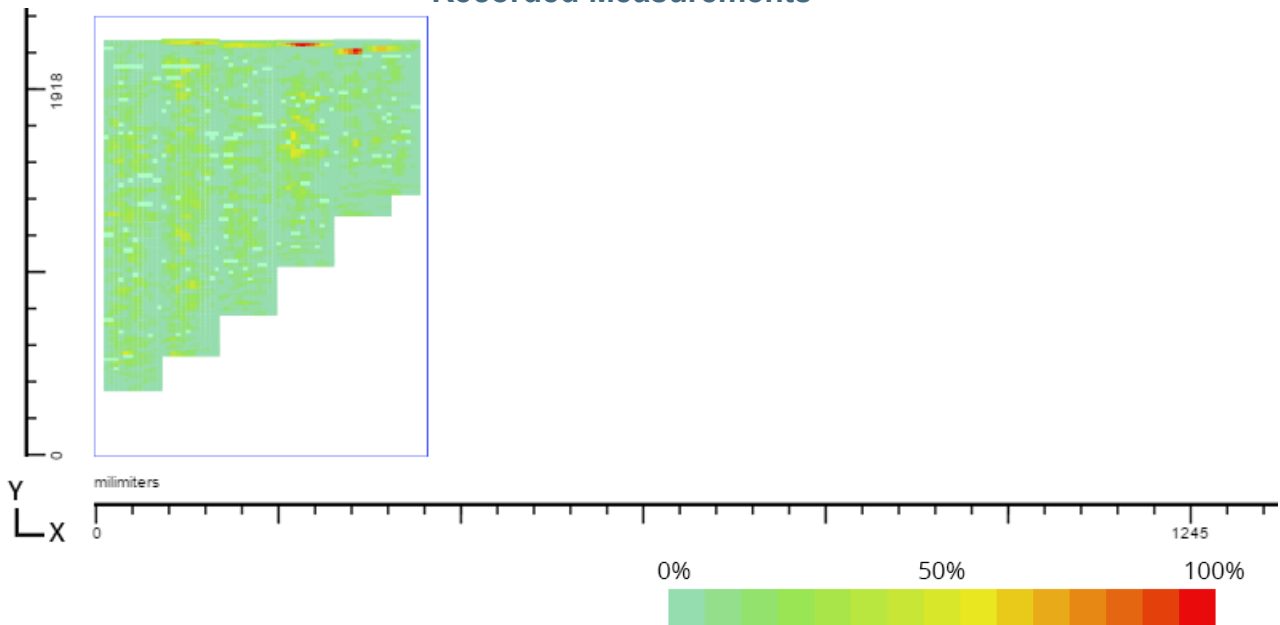


Maximum Signal Height: 100%

Plate Width:
1749.55mm

Plate Height:
2301.24mm

Recorded Measurements



Scanned Track Outlines

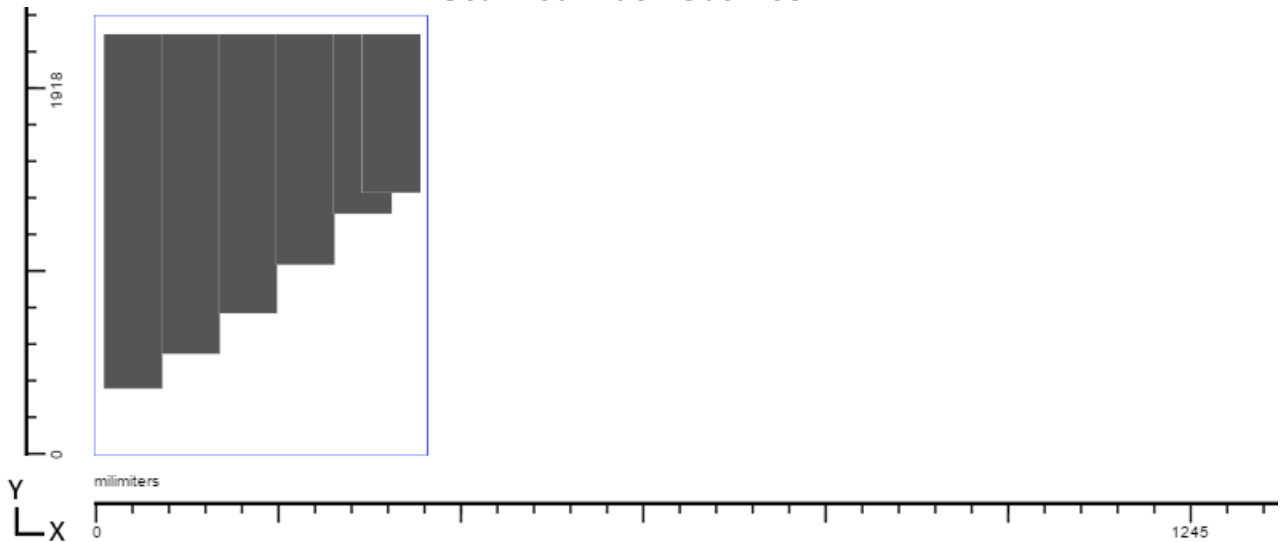




Plate Number 59

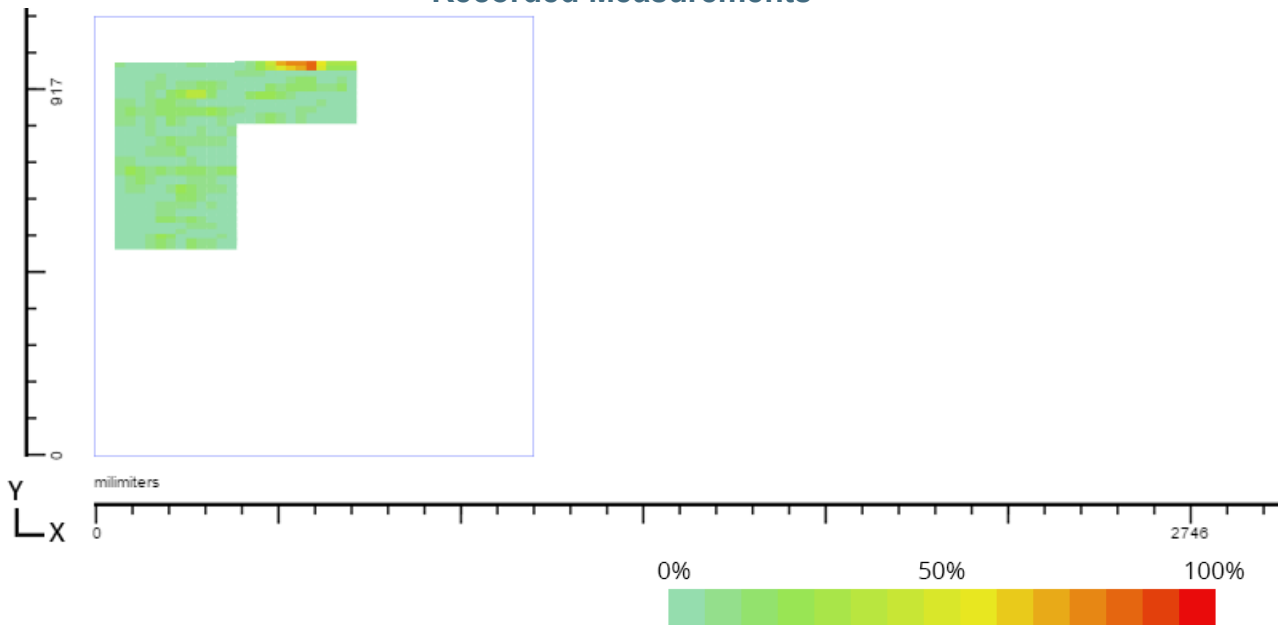


Maximum Signal Height:
86.7%

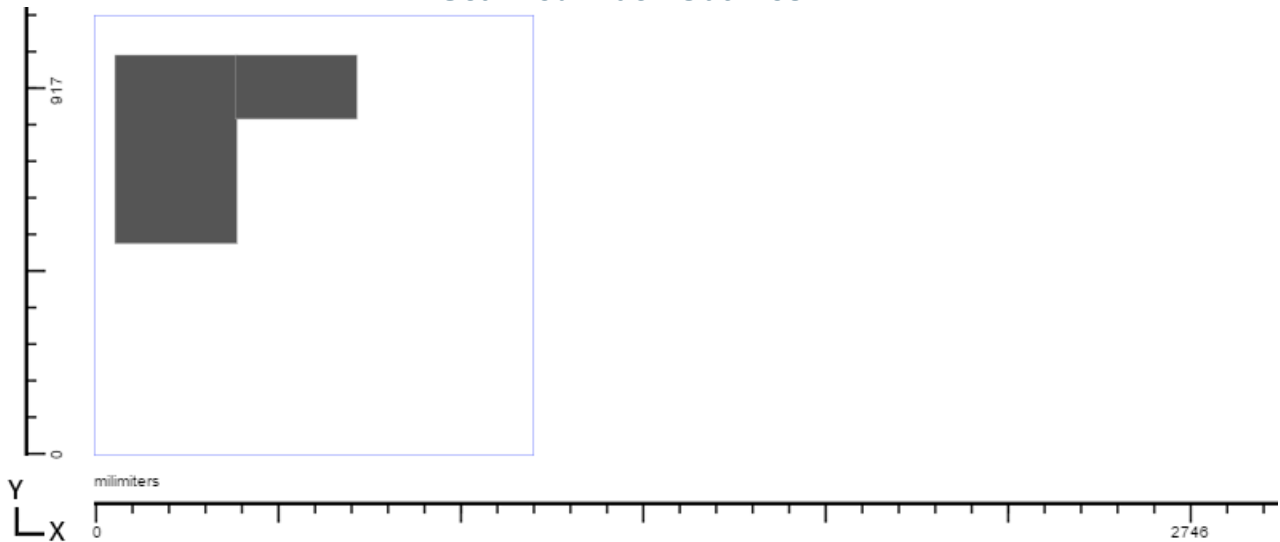
Plate Width:
1100.33mm

Plate Height:
1100.33mm

Recorded Measurements



Scanned Track Outlines



LAVENDER

INTERNATIONAL NDT TRAINING SCHOOL

UNIT 7, PENISTONE STATION, SHEFFIELD, S36 6HP, UK



INVESTORS
IN PEOPLE

Gold

Tel: (44) (0) 1226 765769 Fax: (44) (0) 1226 760707 E-mail: nicola@lavender-ndt.com

FOR VERIFICATION, PLEASE CONTACT THE ABOVE



Certificate of Training

GISLI ARNAR GUÐMUNDSSON

This is to certify that _____
NDT EHF

of _____

has successfully completed a course of training in:
ULTRASONIC INSPECTION – WELDS – LEVEL 2

To the syllabus outlined in the document: _____
PCN GEN ISS 14 2017

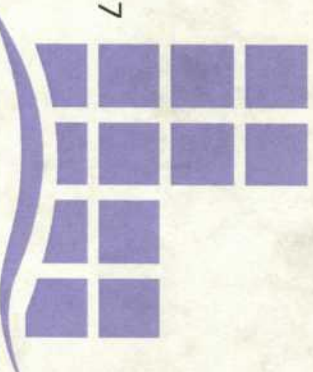
Date: 9-10.02.2017 _____
Hours: 8

TUTOR: J P TREWEEK

B SCOTT
ADMINISTRATION ASSISTANT
67057 dated 10 MARCH 2017

For Lavender International NDT Consultancy Services Ltd. No. _____

This course is accredited by the British Institute of NDT
QD 258 ISSUE 2 19.05.2016 TRAINING WAS CONDUCTED AT LAVENDER UK WHICH IS A BINDT APPROVED TRAINING ORGANISATION





Starfsleyfi til þykktarmælinga á skipum

Starfsleyfið er veitt samkvæmt heimild í lögum um Samgöngustofu, stjórnarsýslustofnun samgöngumála, nr. 119/2012, lögum nr. 47/2003 um eftirlit með skipum.

Nafn:	Heimili:	Sveitarfélag:	Kt.:
NDT ehf.	Sómatúni 18	600 Akureyri	450111-0310
- Gísli Arnar Guðmundsson	Sómatúni 18	600 Akureyri	251172-4639

Með starfsleyfi þessu er ofanrituðum veitt heimild til að annast þykktarmælingar á skipum og bátum, skýrslugerð og innfærslu í skipaskrá vegna þeirra.

Um framkvæmd þykktarmælingar, skýrslugerðar og innfærslu í skipaskrá skal hafa samráð við starfsmenn Samgöngustofu. Fylgja skal ákvæðum í lögum, reglugerðum og verklagsreglum um þykktarmælingar, sjá nr. 25.04.02.07.02 *Þykktarmæling á skipum sem smíðuð eru úr málm.*

Gildi starfsleyfis er m.a. bundið því skilyrði að NDT ehf og starfsmenn fyrirtækisins sé samþykkt af viðurkenndu flokkunarfélagi til að framkvæma þykktarmælingar á flokkuðum skipum.

Starfsleyfið gildir til: **28. febrúar 2023**

Fella má starfsleyfið úr gildi ef ekki er farið í einu og öllu eftir settum reglum og leiðbeiningum þar um.

F.h. Samgöngustofu

Reykjavík
Staður

25.7.2018
Dagsetning

Geir Þór Geirsson
Undirskrift og stimpill

STATEMENT OF CALIBRATION

Statement of calibration of inspection, measuring or test equipment, not owned by DNV GL.

Name of company: NDT ehf

I confirm that the following equipment has been calibrated within the period required by the instruction book for the equipment, or within the last 12 months.

Date of calibration: 2020-09-14

<u>Type of equipment</u>	<u>S/N</u>	<u>Used for survey of</u>
Olympus 45MG	191446208	Ultrasonic thickness measurement
Olympus 45MG	130177407	Ultrasonic thickness measurement

Hafnarfjörður, Iceland

2020-09-14



Hafsteinn Gunnar Jónsson

DNV GL surveyor

