

SKÝRSLA

ÞYKKTARMÆLING OG SEGULSVIÐSSKÖNNUM Á OLÍUGEYMI 16 Í HVALFIRÐI

ULTRASONIC THICKNESS MEASUREMENT & MAGNETIC FLUX LEAKAGE

UTM SKÝRSLA NR. GEYMIR 16



SEPTEMBER 2022

FASTANÚMÉR: T0123

MÆLINGAR FRAMKVÆMDAR , STAÐUR: HVALFJÖRÐUR

EIGANDANÚMÉR: 310.16.00



Framkvæmd mælinga

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

Framkvæmd þykktarmælinga, segulsviðsskönnunar og sjónskoðunar á geyminum fóru fram í september 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

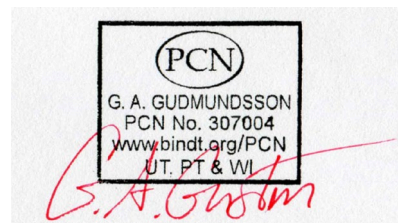
Farið er um allan geyminn með sterkt ljós og því haldið rétt við yfirborðið svo pyttir og misfellur sjáist betur. Kverksuða geymis er skoðuð sérstaklega vel ásamt öðrum suðum innanvert í geymi. Þá eru svelgir einnig skoðaðir mjög vel ásamt þeim stöðum þar sem gólfskanni kemst ekki.

Niðurstöður

Geymir er málaður að hluta að innan. Geymir er í þokkalegu ásigkomulagi að innanverðu, gólf ásamt neðsta umfarinu er ótært að innan og á 1 stað má finna pytti þar sem efnisþykkt plötu er örlítið meiri en 3mm. Ákveðið var að setja viðgerðarplötu yfir pyttin (plata 45). Framkvæmt af viðgerðarteymi Olíudreifingar. Sjá teikningar og ljósmyndir. Eigandi geymis var látin vita. Sjá meðf. niðurstöður mælingar. Öll uppgöfin mál á teikningum eru í mm.

Akureyri, 14 sept 2022

Virðingarfyllst.



Gísli Arnar Guðmundsson

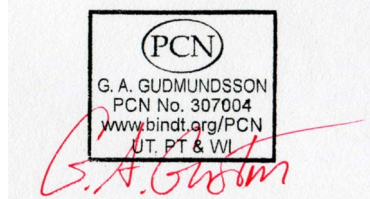
STAÐFESTING ÞYKKTARMÆLINGA

SKÝRSLA NR.:	Geymir 16.
DAGS. SKÝRSLU:	14.09.22
EIGANDI GEYMIS:	Icelandic Tank Storage ehf
REKSTRARAÐILI:	Olíudreifing ehf
DAGS. FRAMKV.:	06 september 2022
STAÐUR	Hvalfjörður. Litli Sandur
HVAÐ MÆLT:	Geymir 16
FASTANÚMER:	T0123
EIGENDANÚMER:	311.16.00
SMÍÐAÁR:	1970
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 mælibúnaðar (Statement of Calibration).
MÆLIBÚNAÐUR:	Olympus 45MG. 5 Mhz Serial nr: 130177407, skoðað og vottað þann 14.09.2020 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
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 110 niðurstöður. Þykktarmælir og nemar tengdir búnaðinum voru sannreyndir og prófaðir með mælingum á stilliklossum fyrir, á meðan og að loknum mælingum.

Skoðað/dags./af: 14/09/2022

Samþykkt/dags./af:



Myndir frá geymi 16



Mynd 1: Þak geymis.



Mynd 2. Gólf og umfar geymis.



Mynd 3. Við miðjan geymi er búið að sjóða fjöldan allan af suðustrengjum.



Mynd 4. Við miðjan geymi má sjá víða grunna pytti. 0.5-1mm djúpa



Mynd 5 & 6. Í plötu 45 fannst einn djúpur pyttur í 6.3mm þykkri plötu. Skíðmál sýnir 2.7mm dýpt.



Mynd 7. Í plötu 67 kom fram á skanna tæring. Kannað með þykktarmæli. Efnisþykkt 4.9mm.

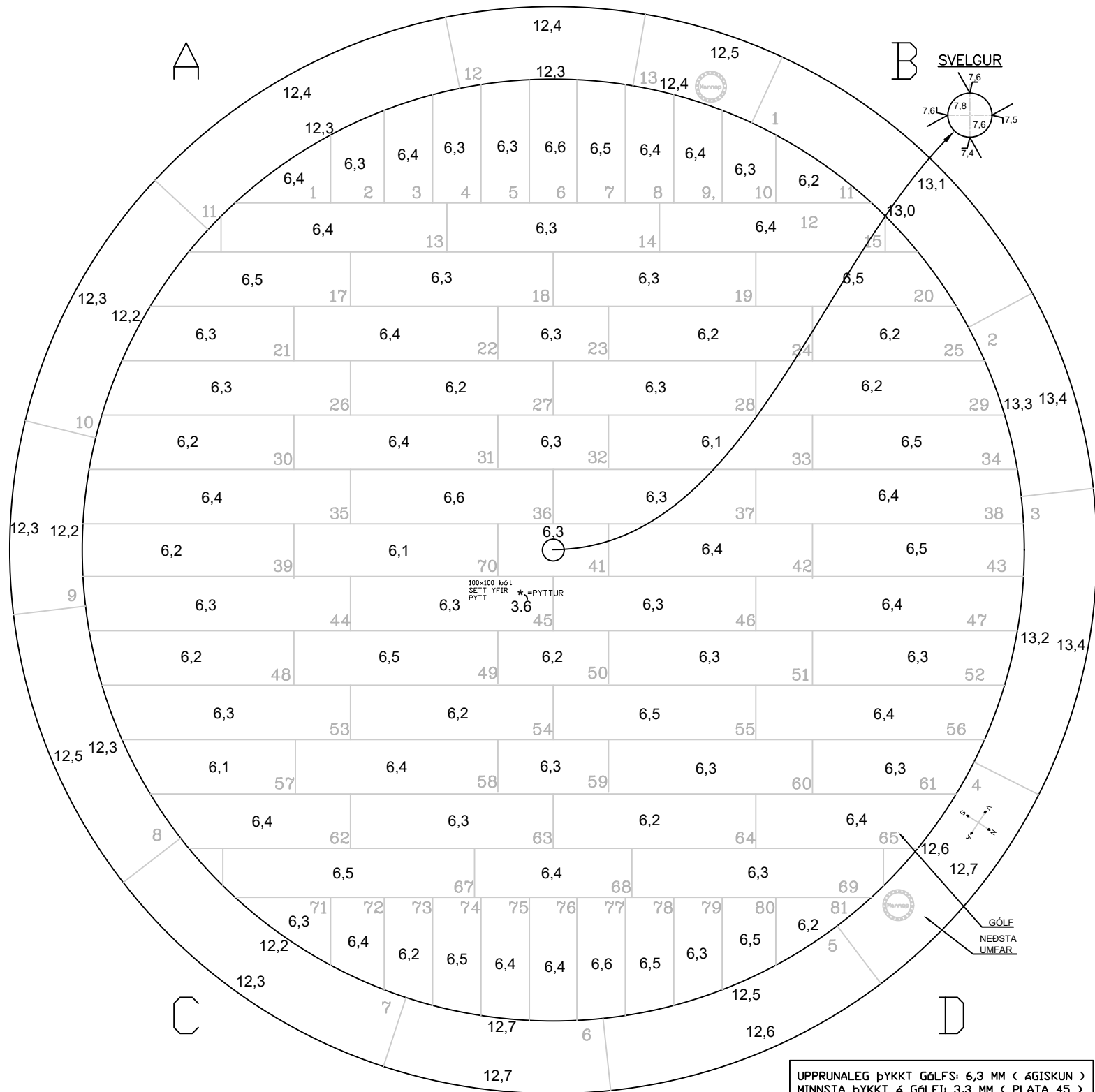


Mynd 9. Svelgur.



Mynd 10. Geymir lítur vel út að utan.

GEYMIR – GÓLF – FYRSTA PLÖTURÖÐ

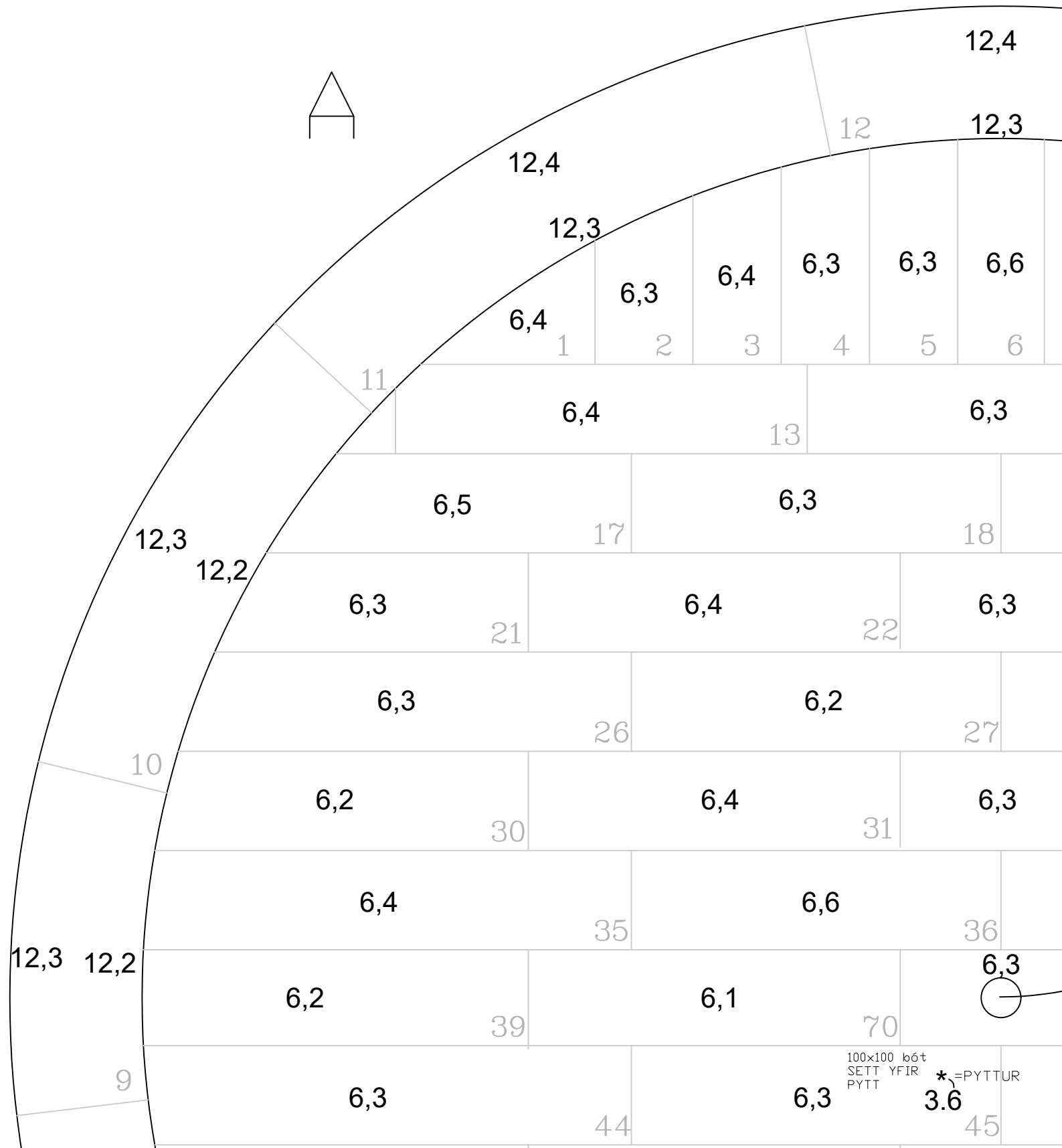
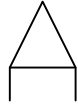


GEYMIR – GÓLF OG NEDSTA PLÖTURÖÐ HLIÐAR

UPPRUNALEG ÞYKKT GÓLFIS: 6,3 MM (ÆGISKUN)
 MINNSTA ÞYKKT Á GÓLF: 3,3 MM (PLATA 45)
 MINNSTA ÞYKKT Í NEDSTA UMFARI: 12,2 MM
 MINNSTA ÞYKKT Í SVELGI: 7,4 MM

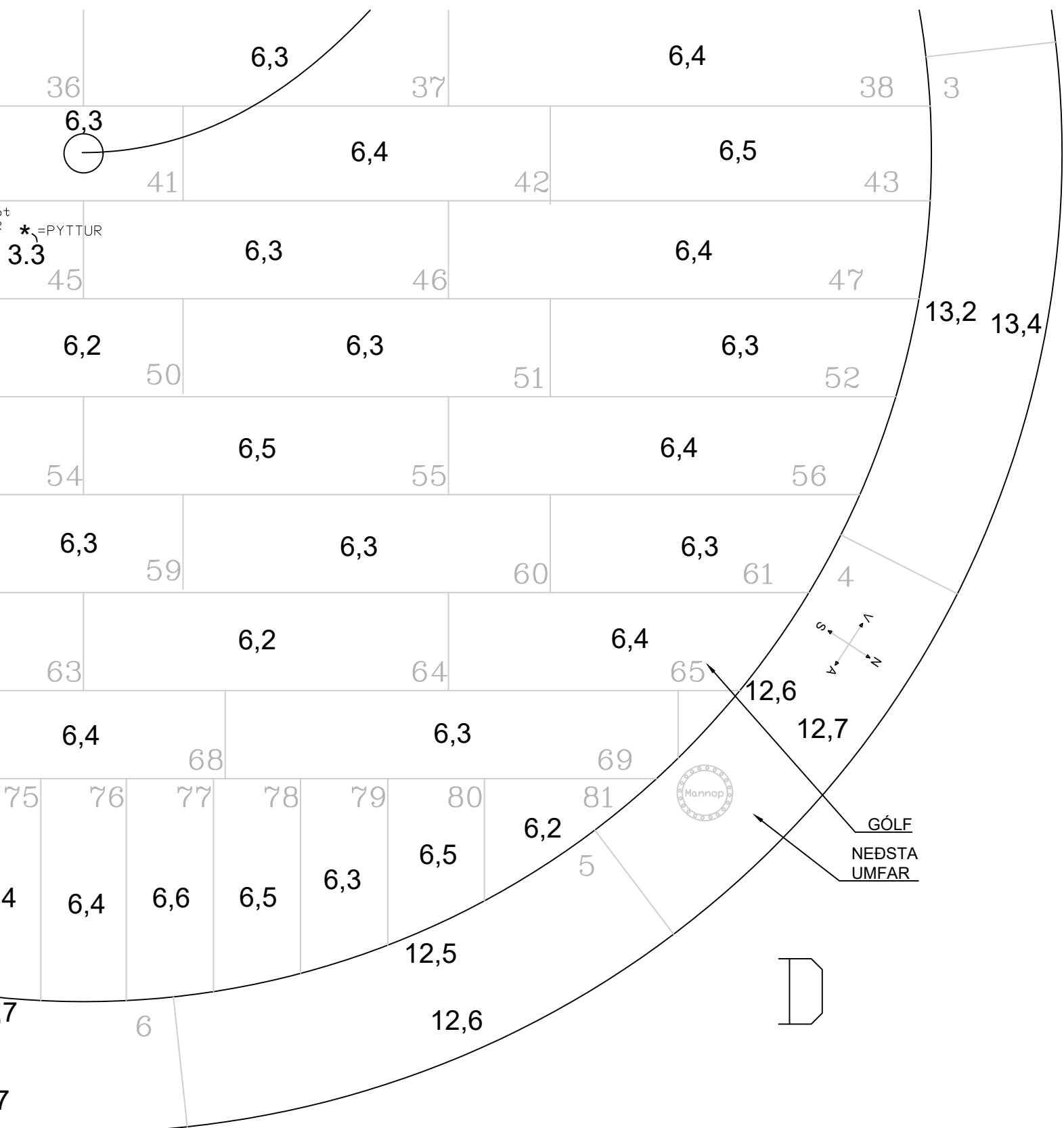
HD	ÞYKKTARMÆLINGAR (UTM)
	REKSTRARADILI: OLÍUDREIFING EHF
	TILVÍSUN OKKAR: GEYMIR 16
	MÆLINGAR FRAMKV: 06 SEPTEMBER 2022
	STAÐUR: LITLI SANDUR
	HLUTUR MÆLDUR: GEYMIR NR. 16
	FASTANÚMER: T0123

TEIKNING ER EKKI Í MÆLIKVARÐA



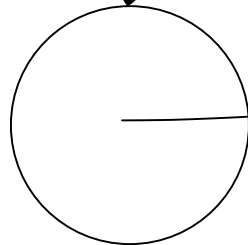
100x100 bót
SETT YFIR
PYTT * =PYTTUR

3.6



70

6,3



41

6,3

100x100 kótt
SETT YFIR
PYTT

* = PYTTUR
3.3

45



**ENTERPRISES
INCORPORATED**



MFE Scan Survey Report



SKÝRSLA: TM-MFL-221844-T0123-16-2022

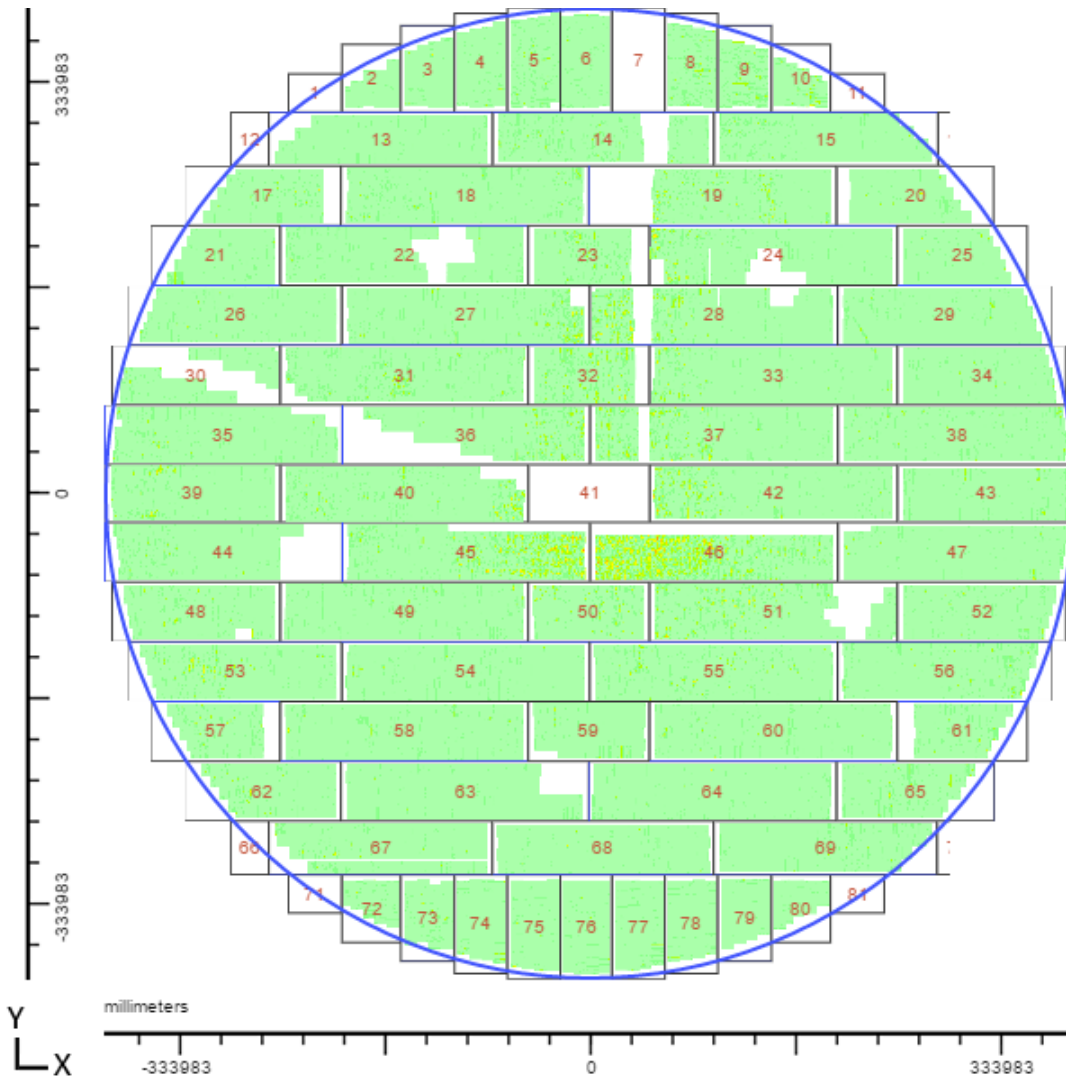
Tank Diameter: 24.1 m

Customer: OLÍUDREIFING
Prepared By: Gísli Arnar Guðmundsson
Company: HD ehf

Date of Survey: 06 Sep 2022
Date of Report: 14 Sep 2022

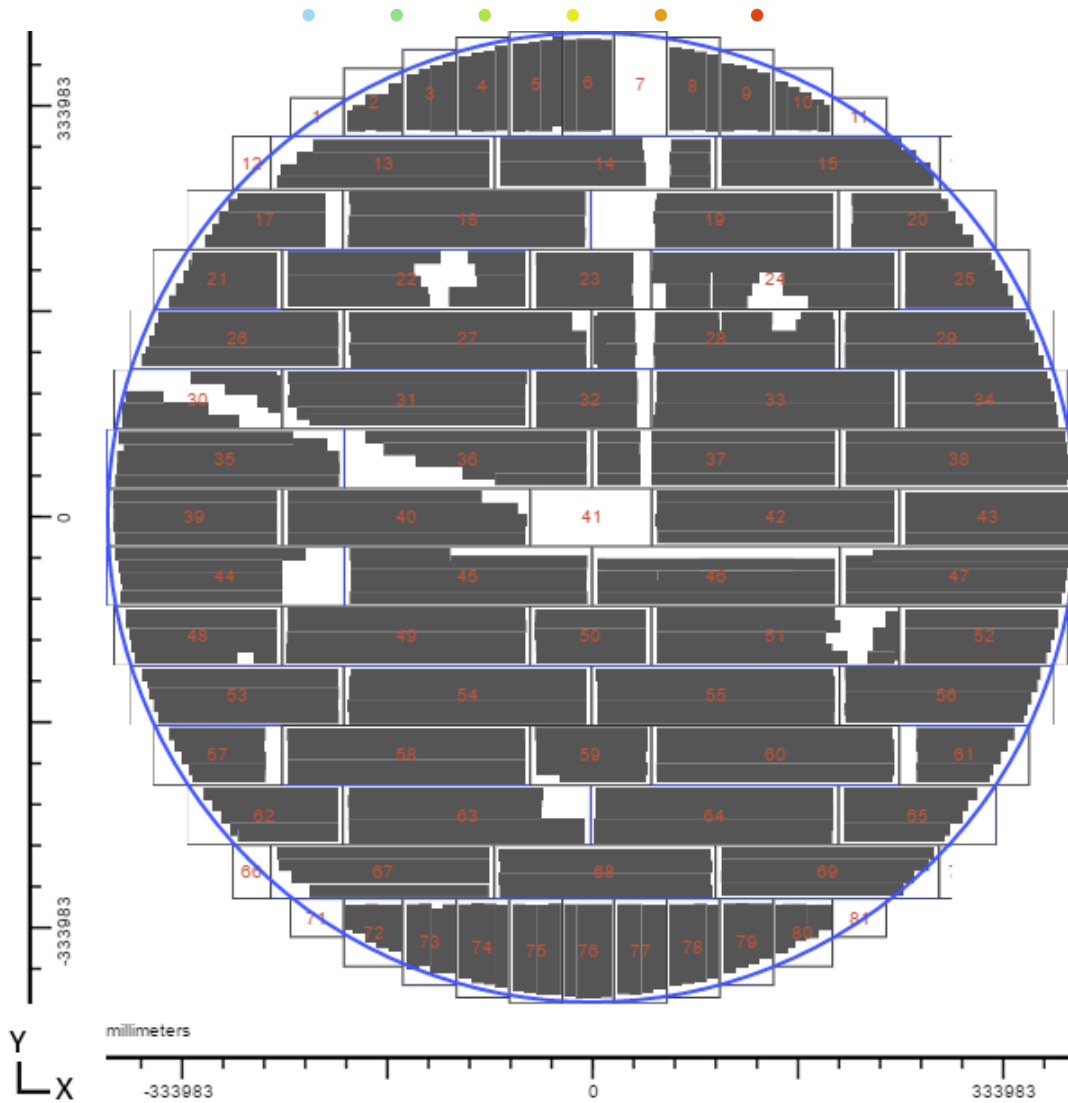


Tank Overview





Track Coverage Overview





Maximum Defect by Plate

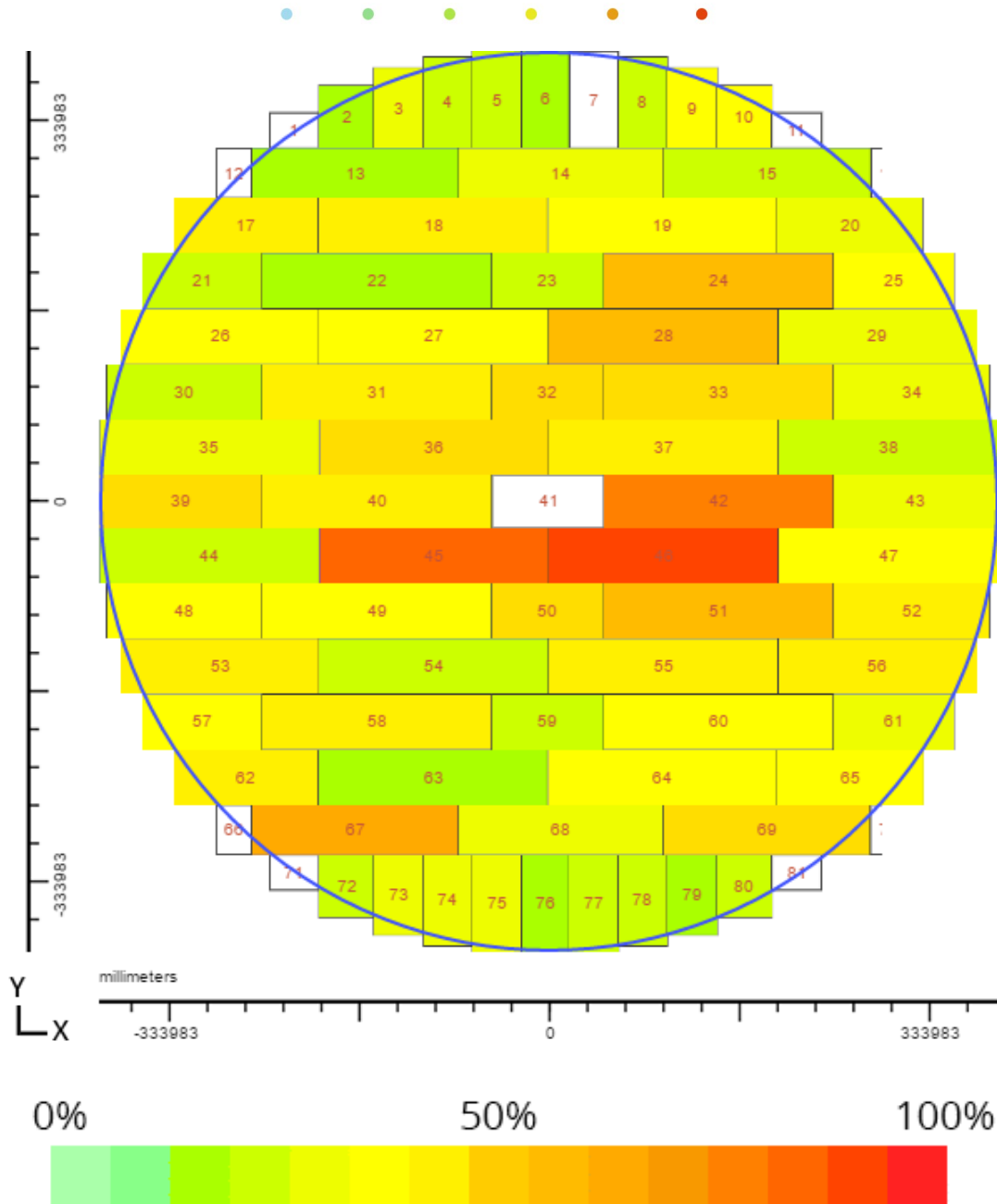




Plate Number 2

Max Signal: 20%

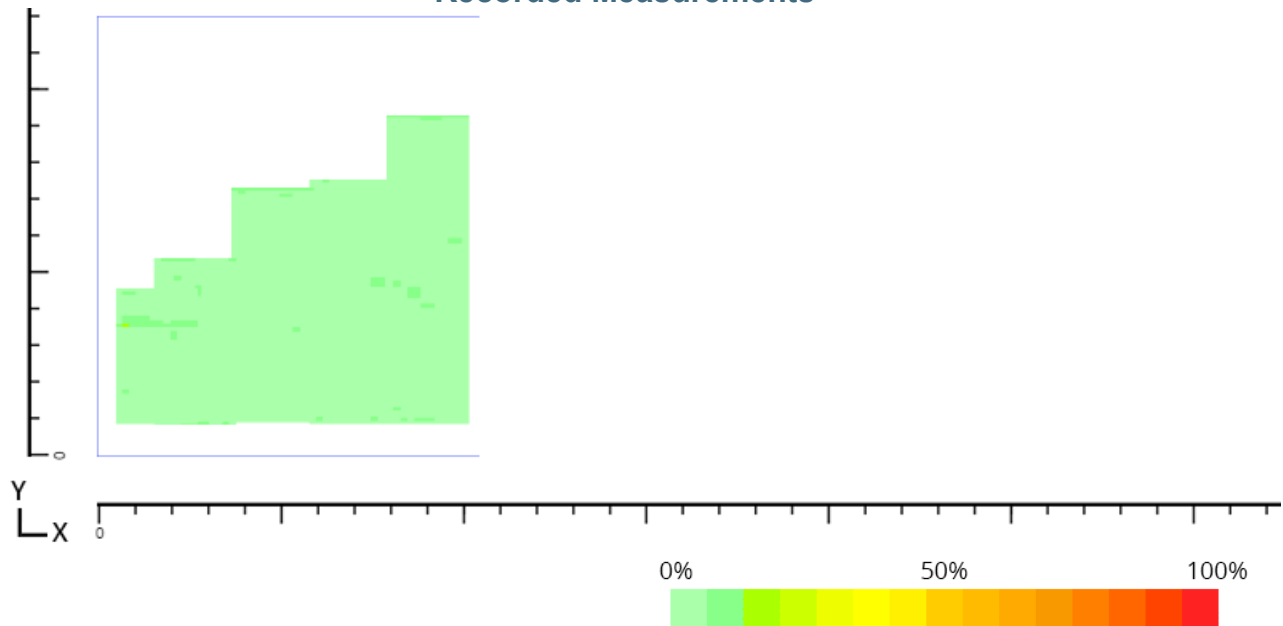
Length (X):
148.01cm

Width (Y): 170cm

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

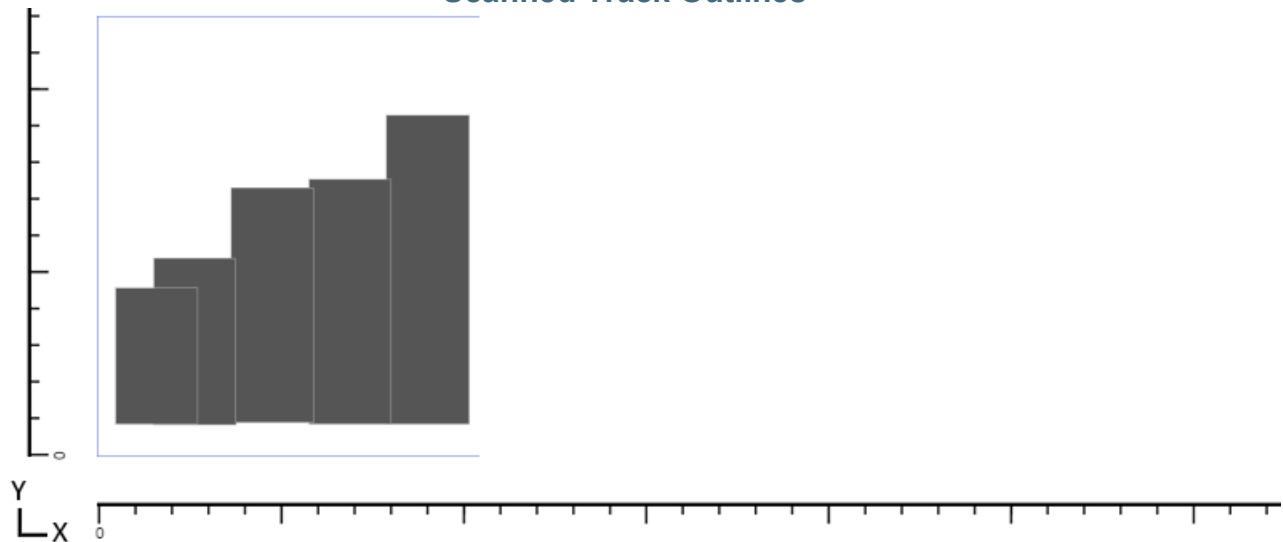




Plate Number 3



Max Signal: 33.3%

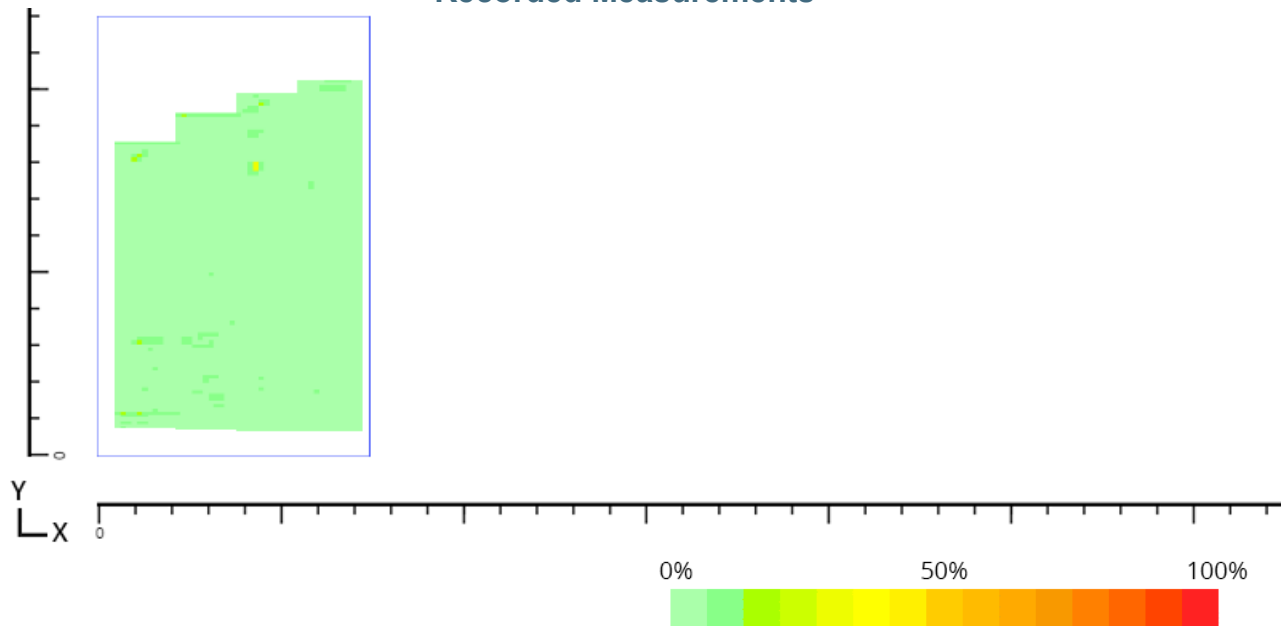
Length (X): 135cm

**Width (Y):
216.99cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

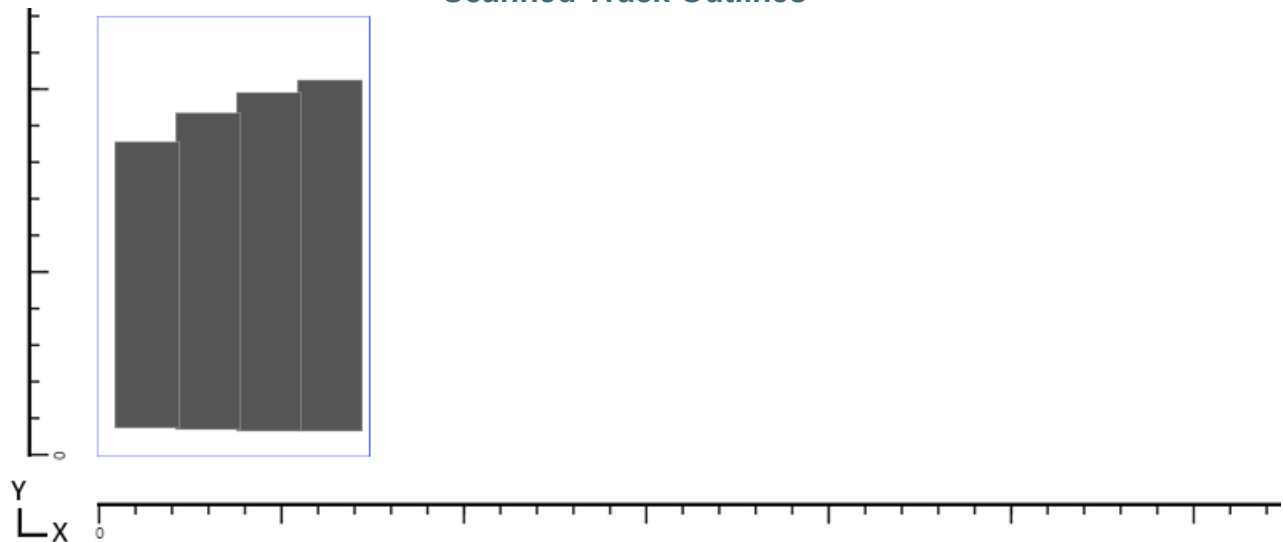




Plate Number 4



Max Signal: 26.7%

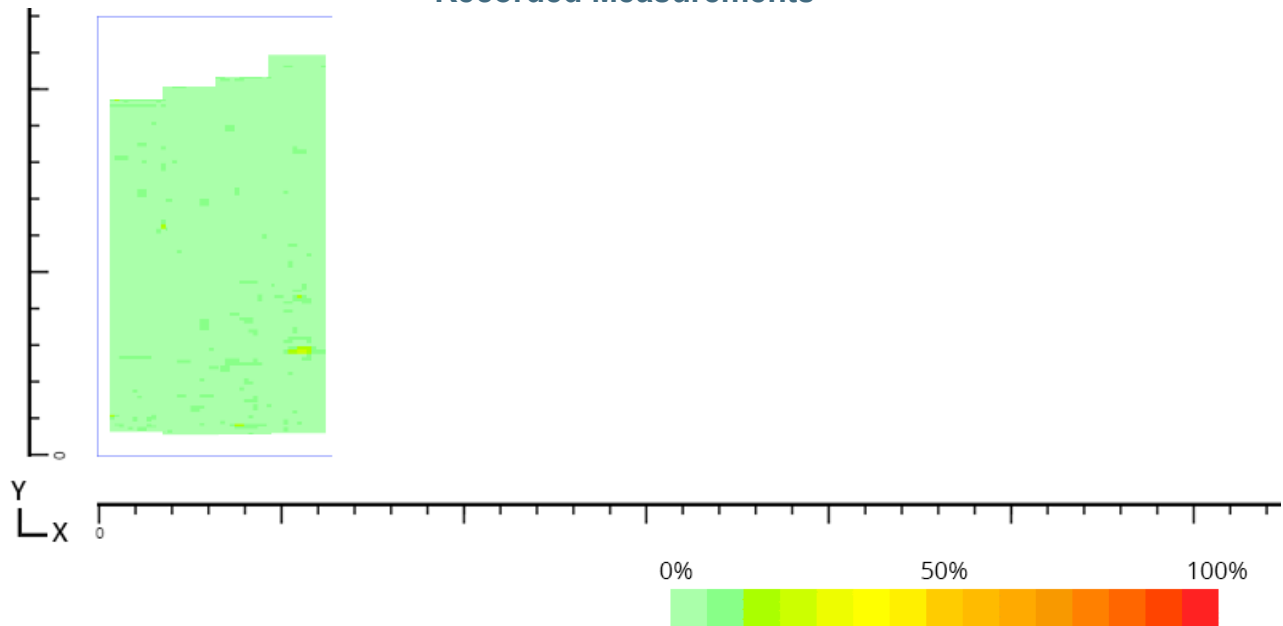
Length (X):
132.99cm

Width (Y):
248.01cm

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

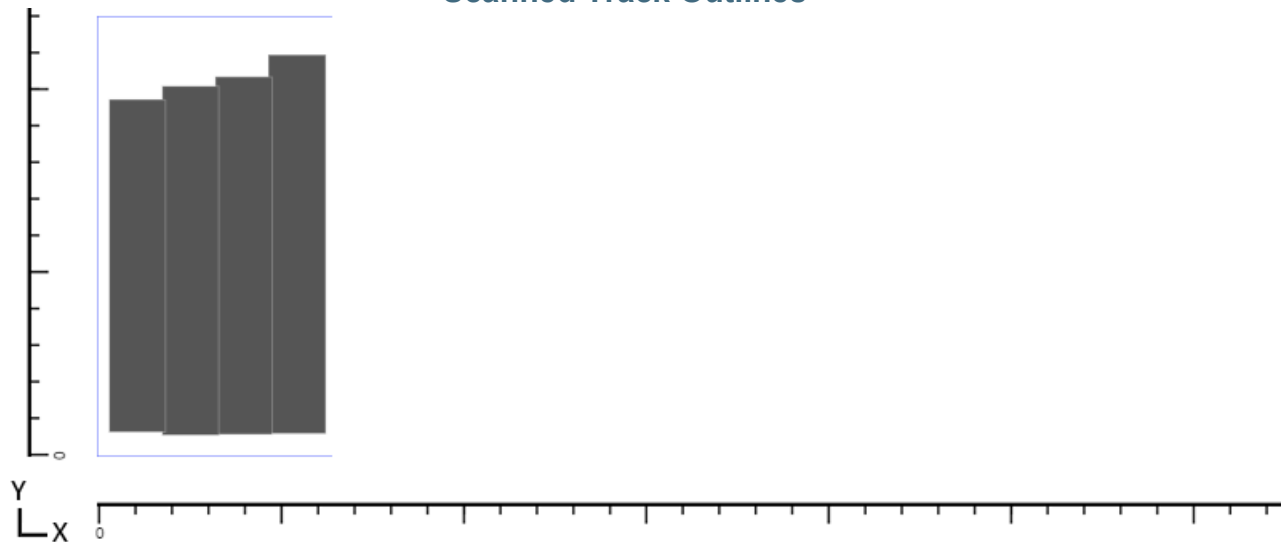




Plate Number 5



Max Signal: 26.7%

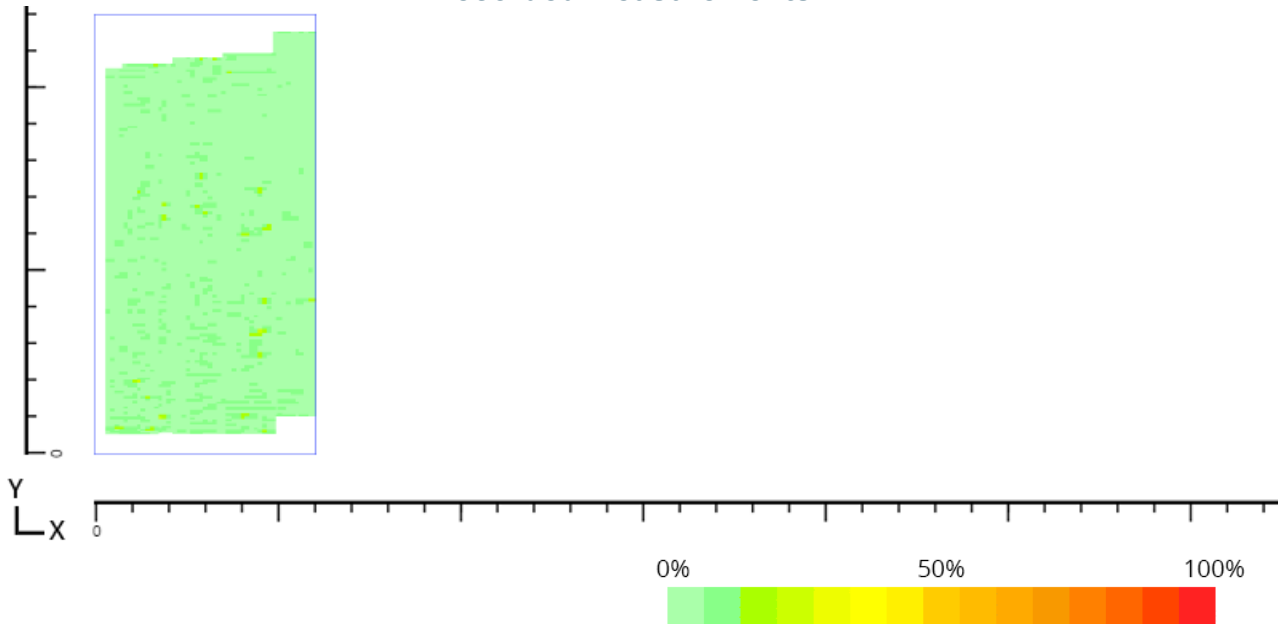
Length (X):
132.99cm

Width (Y):
262.99cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

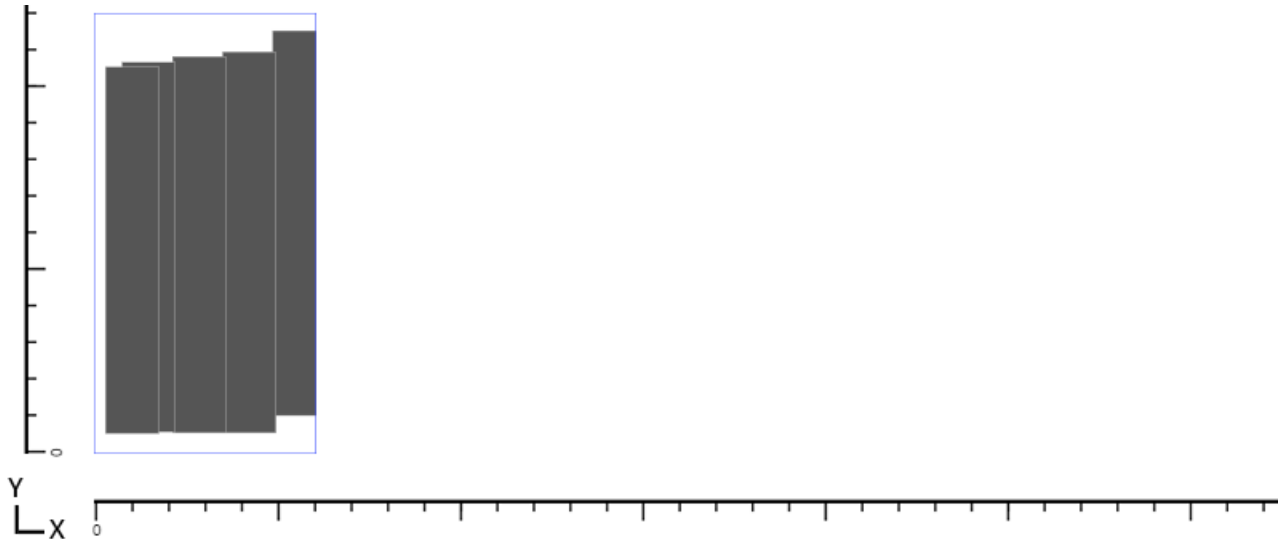




Plate Number 6

Max Signal: 20%

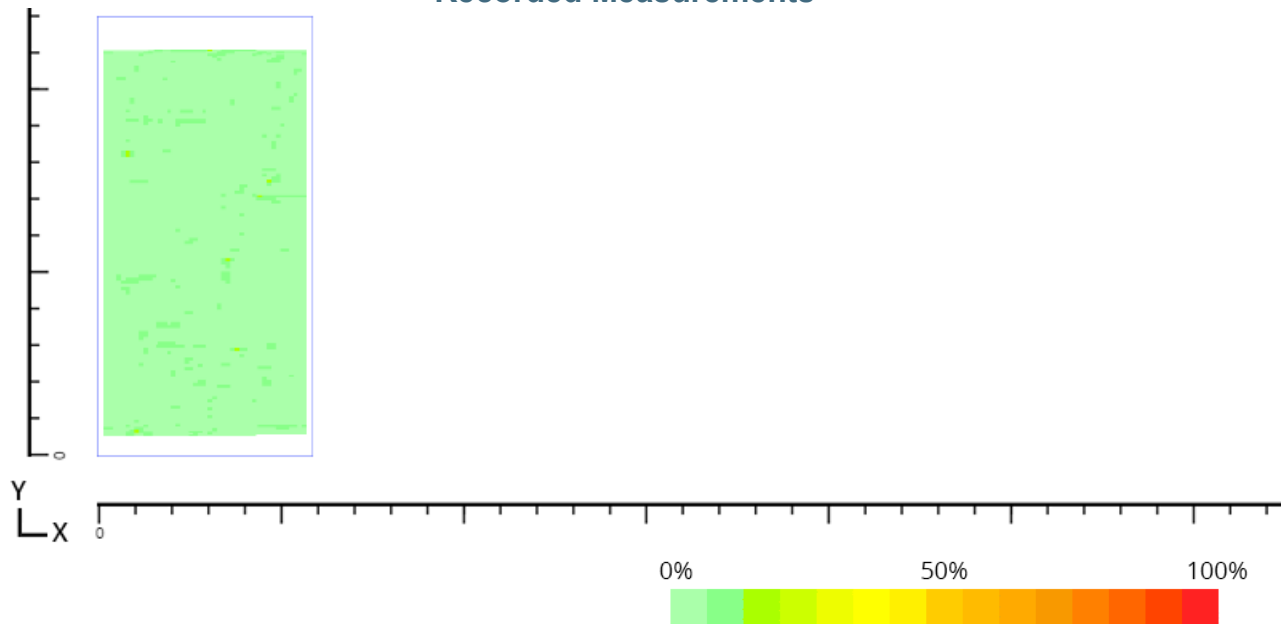
Length (X): 130cm

**Width (Y):
264.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

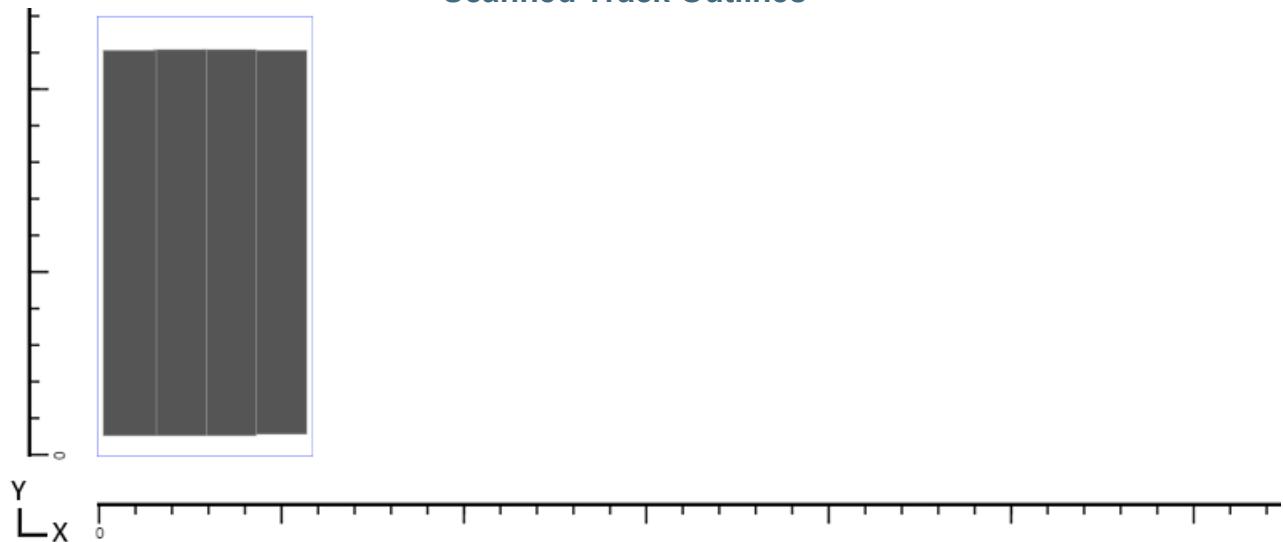




Plate Number 8



Max Signal: 26.7%

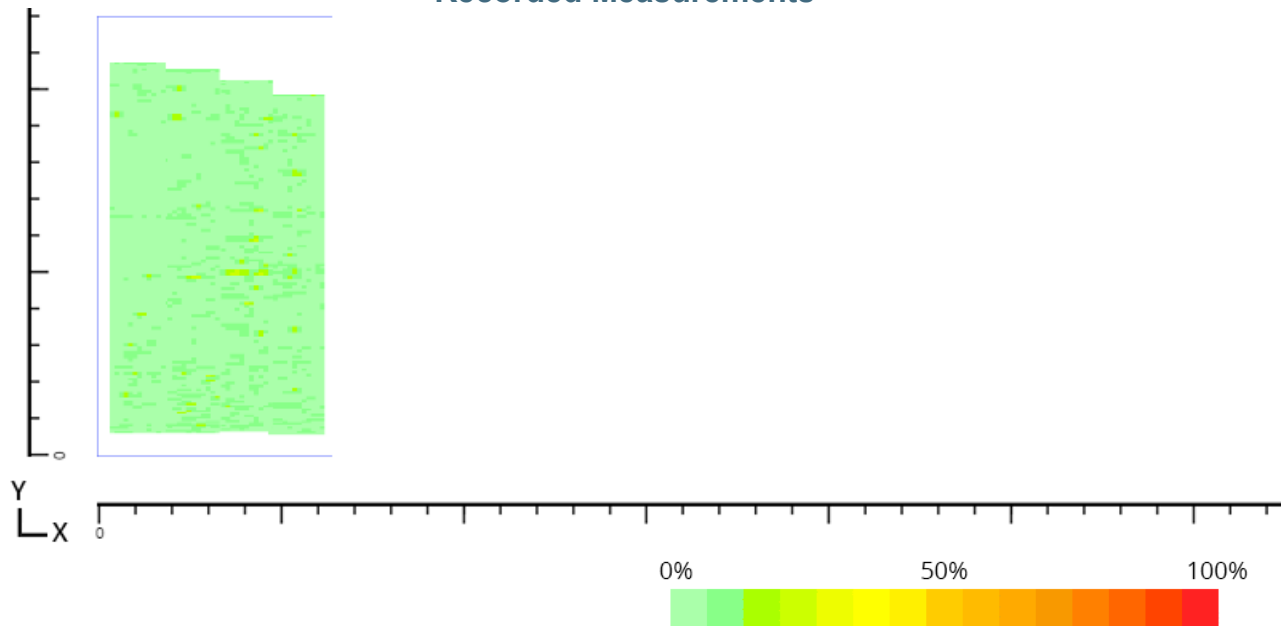
Length (X):
132.99cm

Width (Y):
248.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

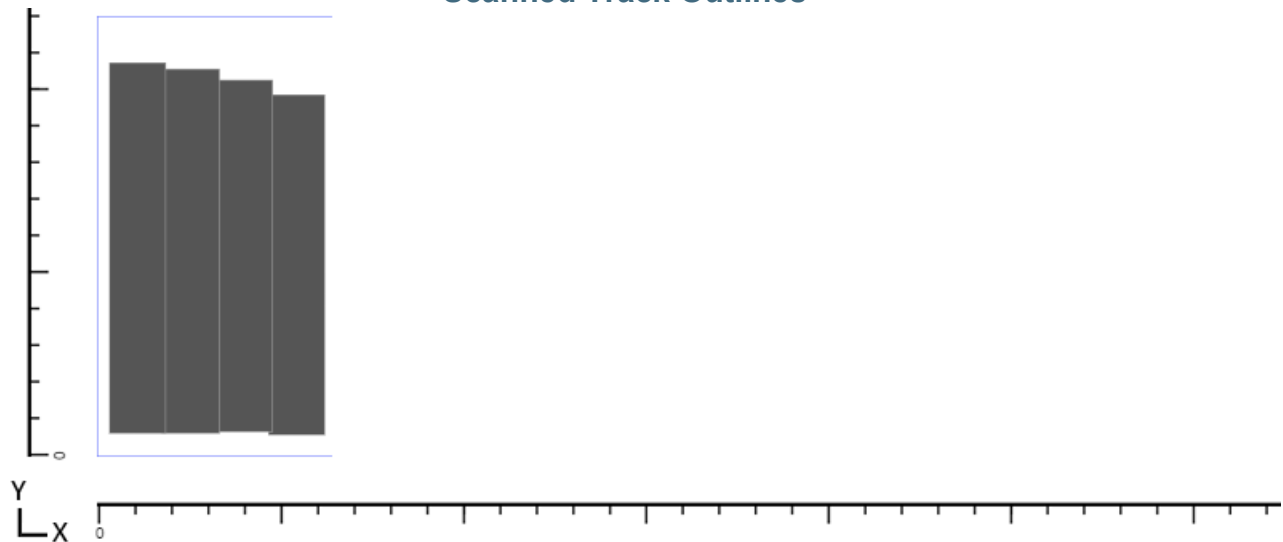




Plate Number 9

Max Signal: 40%

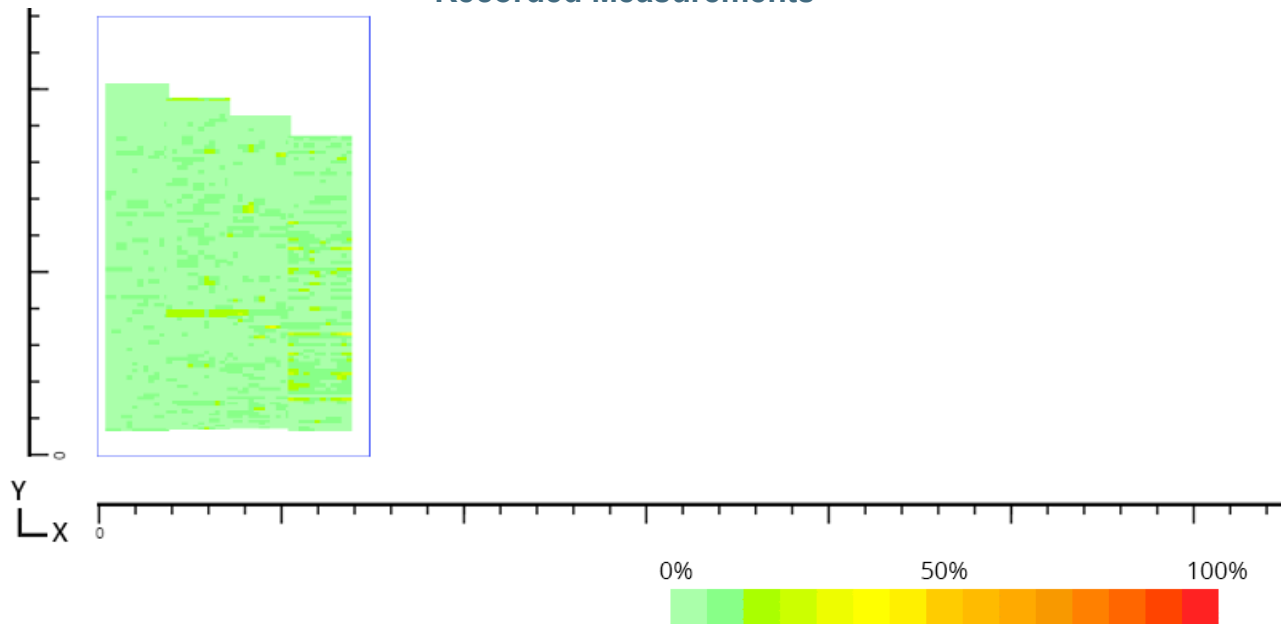
Length (X): 135cm

**Width (Y):
216.99cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

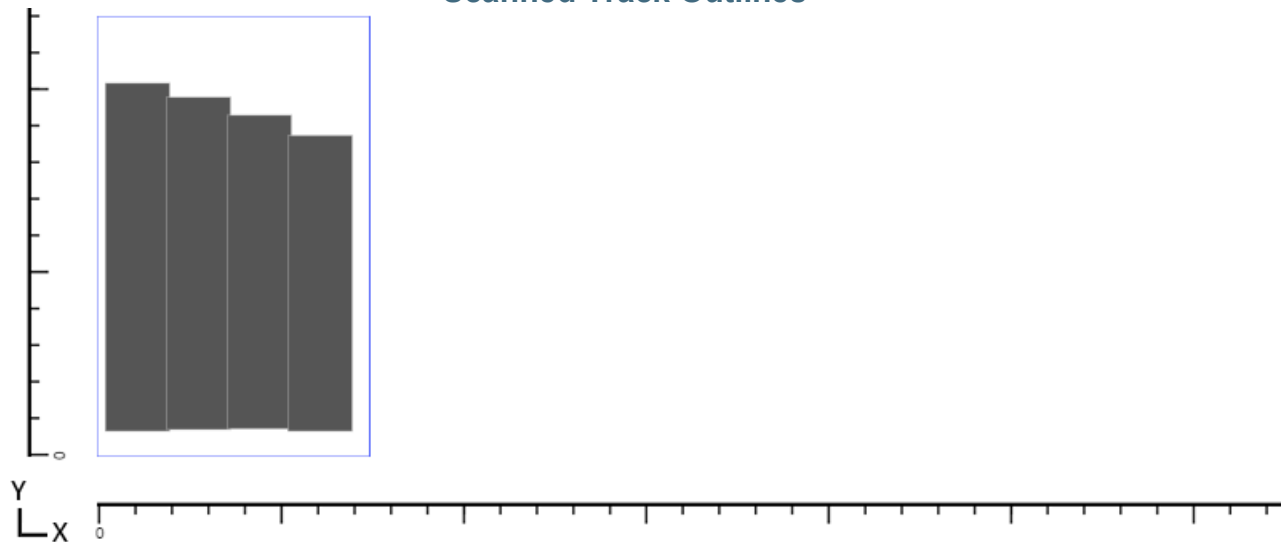




Plate Number 10



Max Signal: 40%

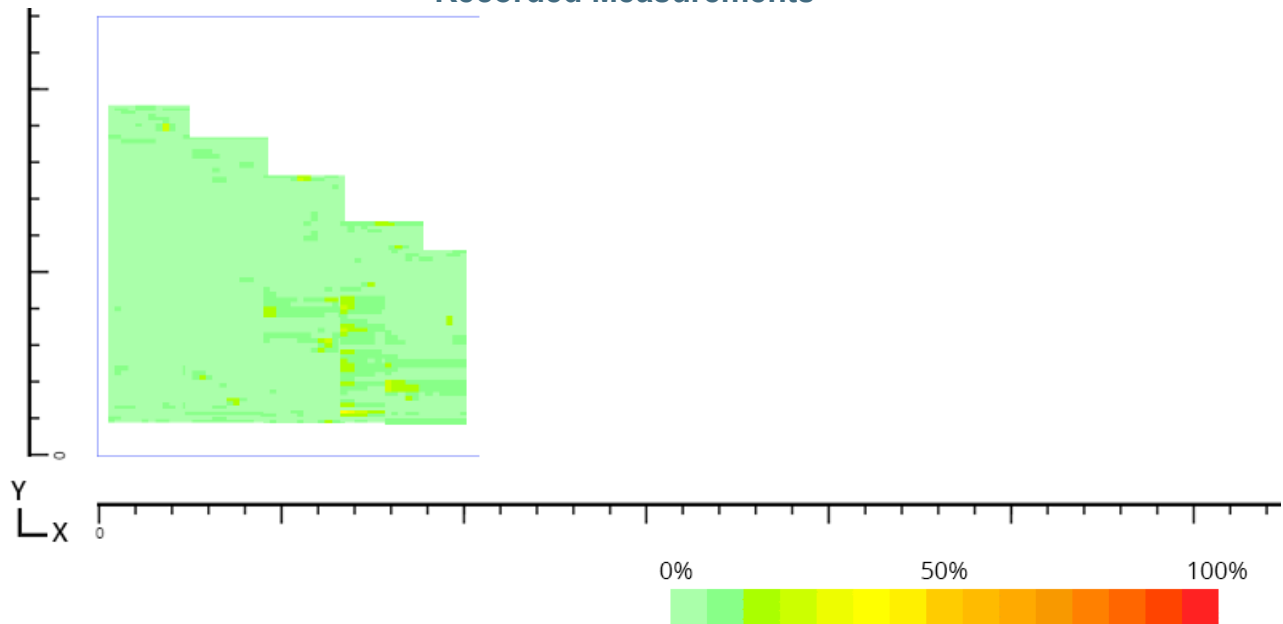
Length (X):
148.01cm

Width (Y): 170cm

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

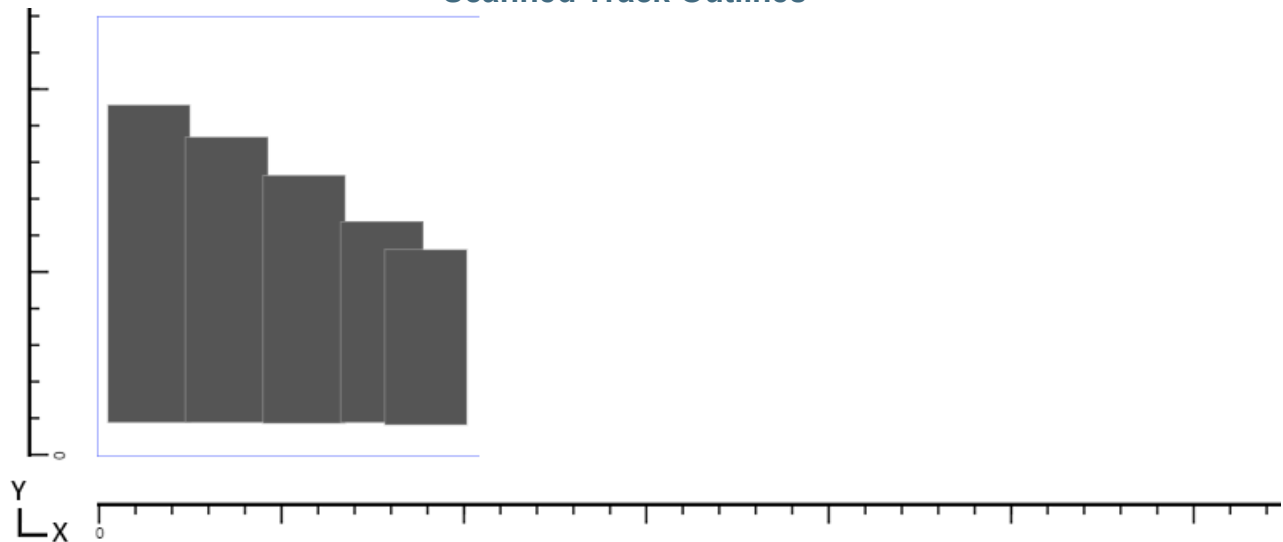




Plate Number 13



Max Signal: 20%

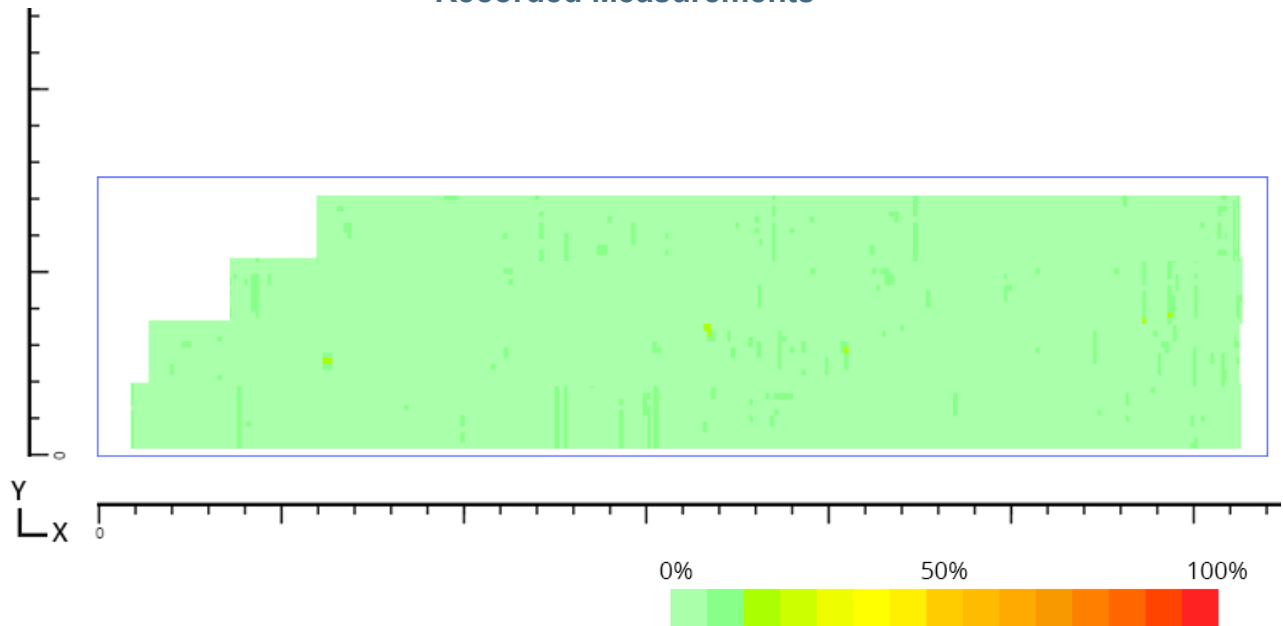
Length (X):
562.99cm

Width (Y): 135cm

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

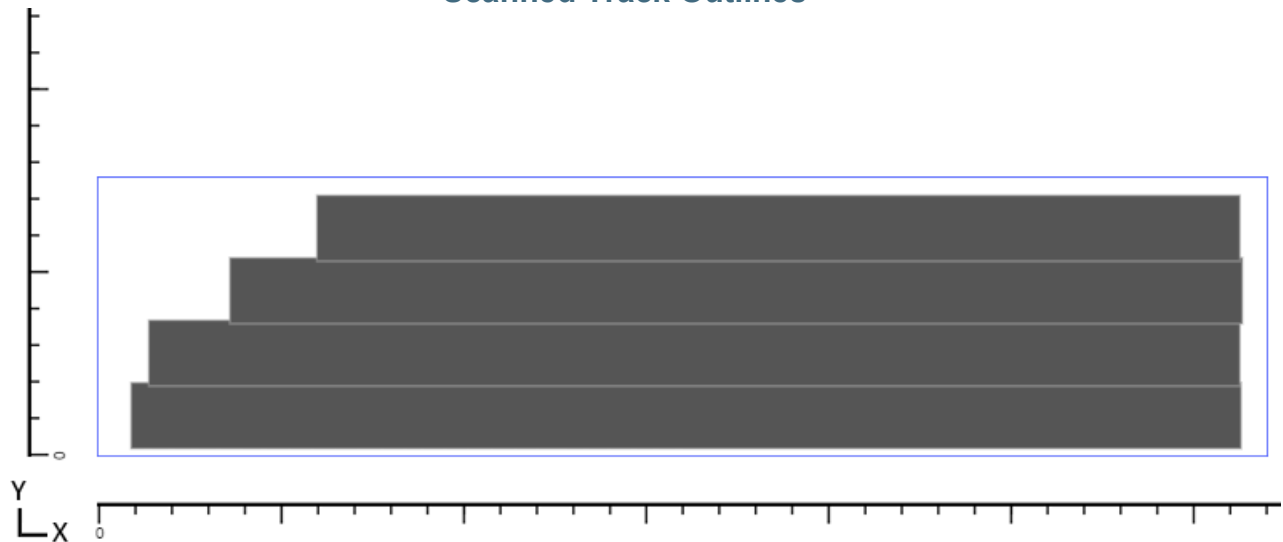




Plate Number 14



Max Signal: 33.3%

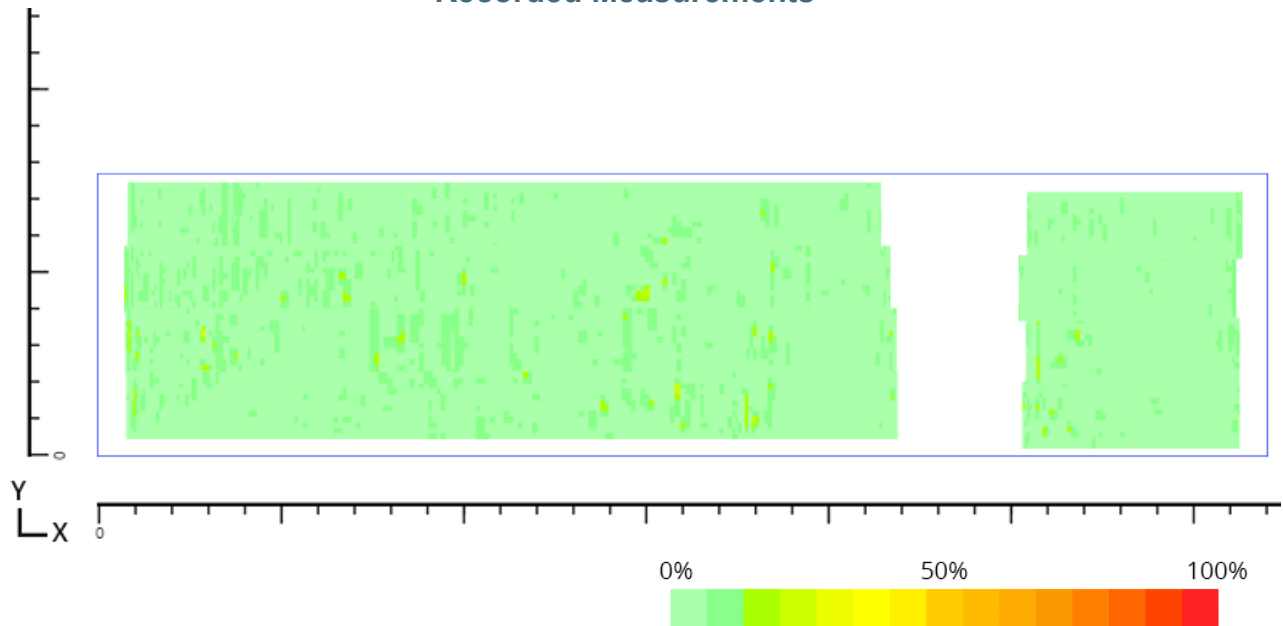
Length (X):
556.01cm

Width (Y): 135cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

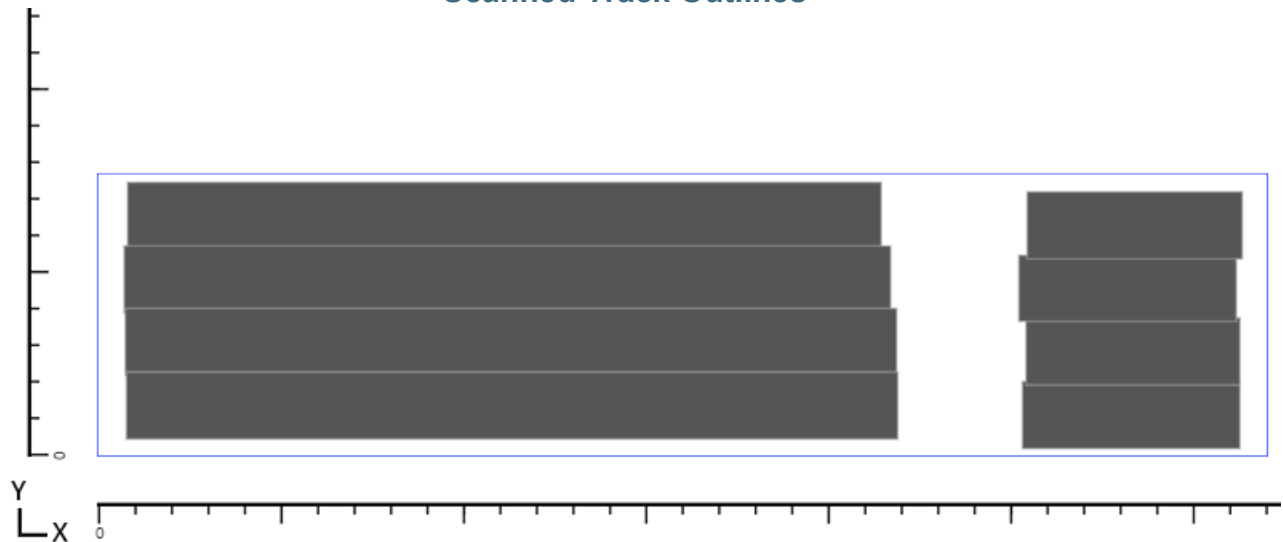
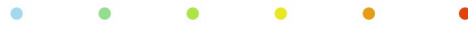




Plate Number 15



Max Signal: 26.7%

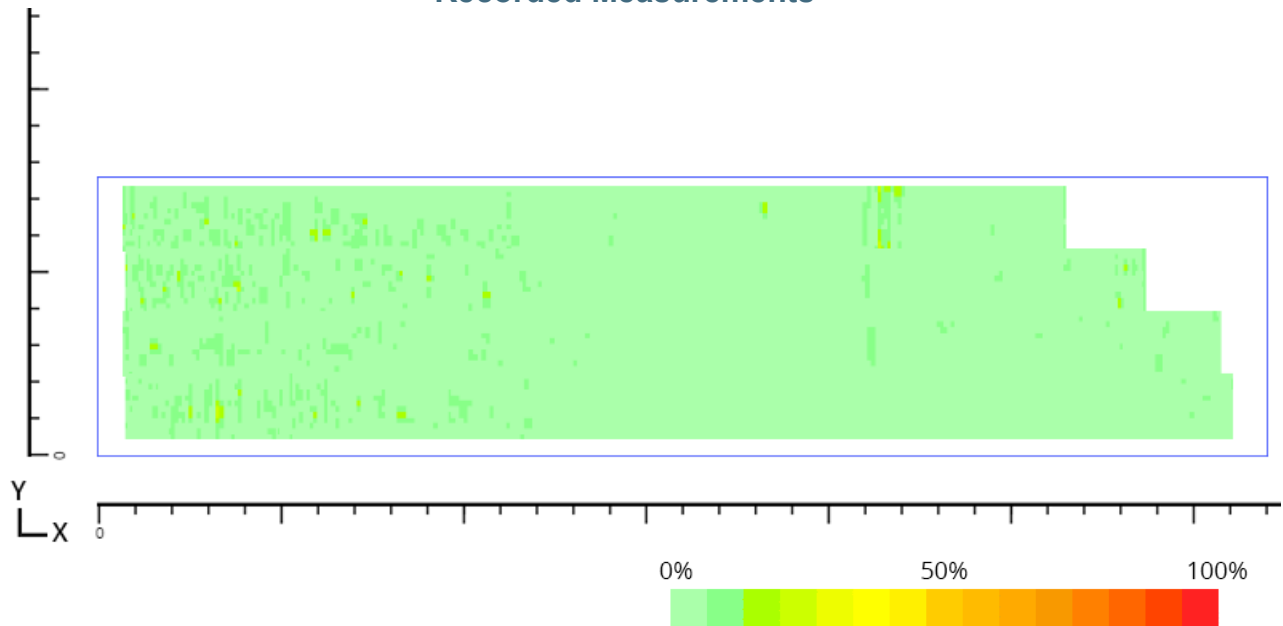
Length (X):
562.99cm

Width (Y): 135cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

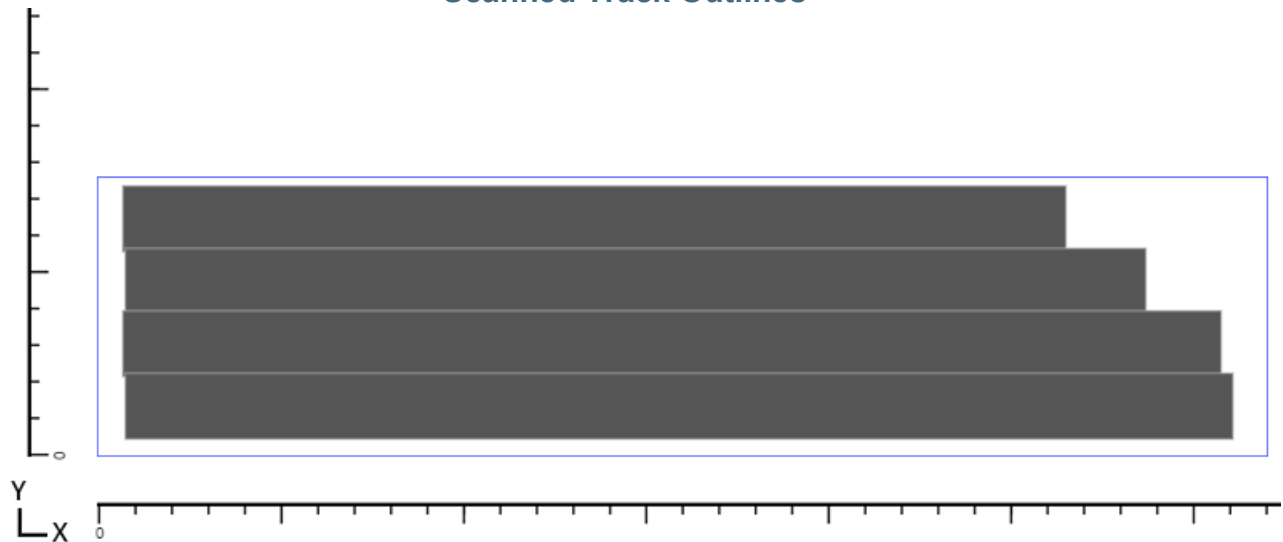




Plate Number 17



Max Signal: 46.7%

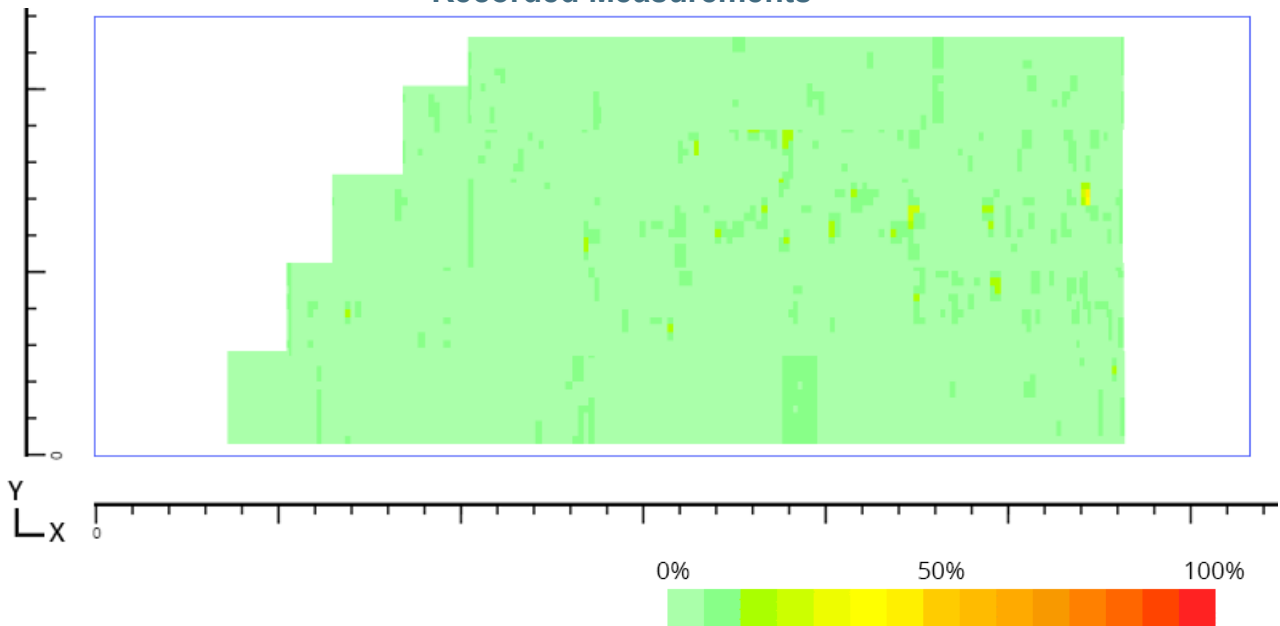
Length (X): 394cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

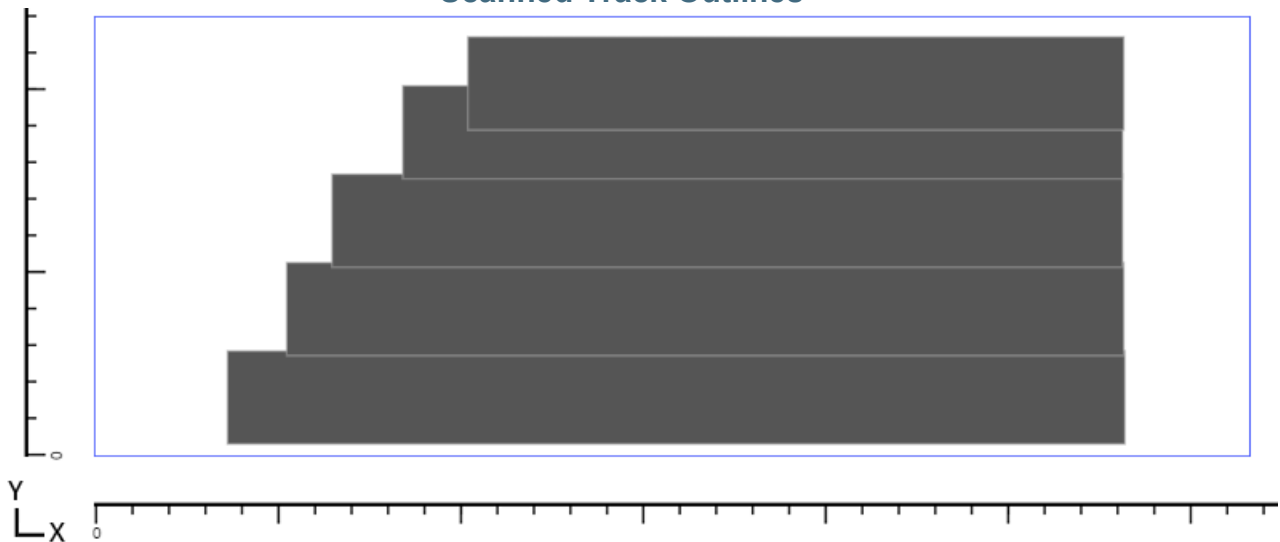




Plate Number 18



Max Signal: 46.7%

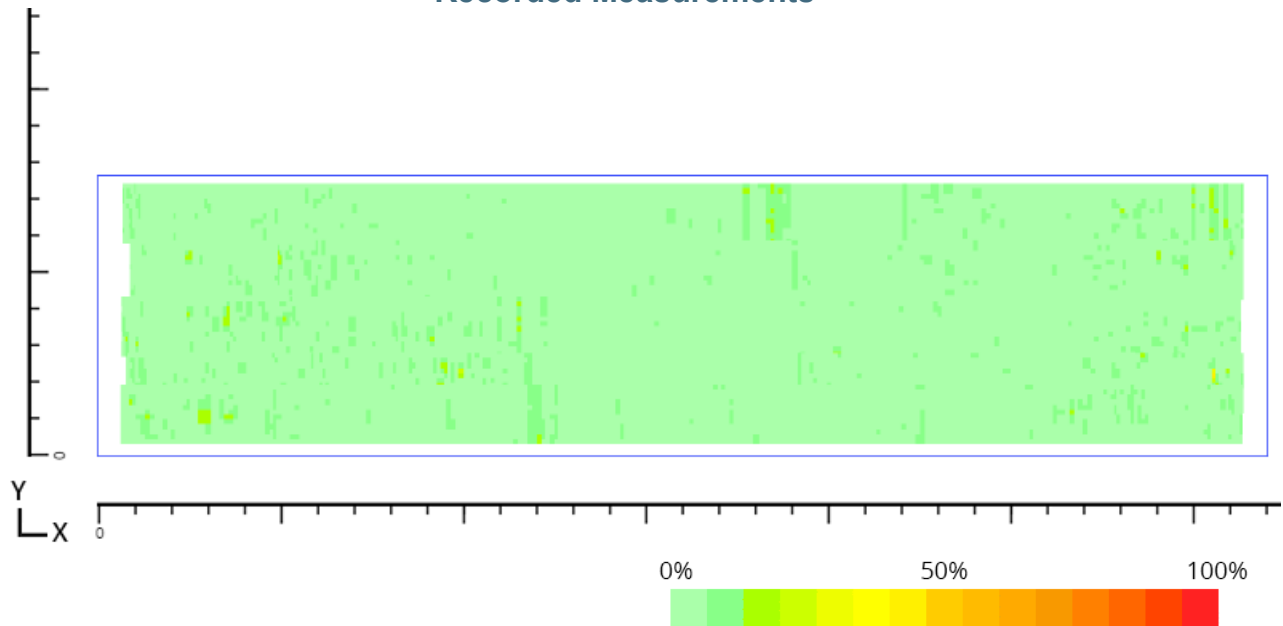
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

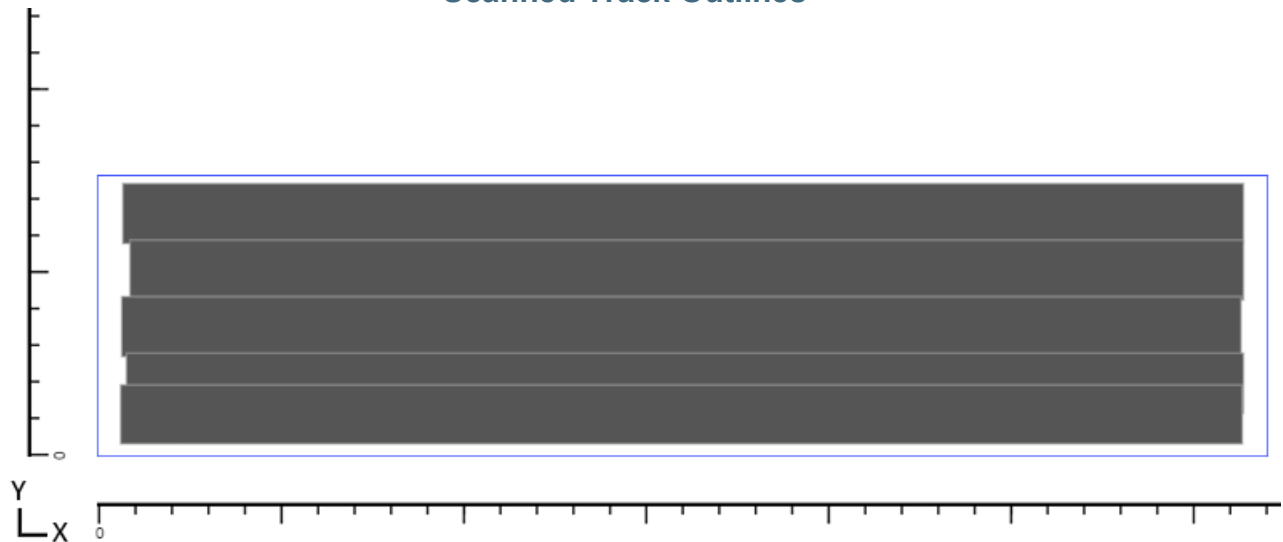




Plate Number 19



Max Signal: 40%

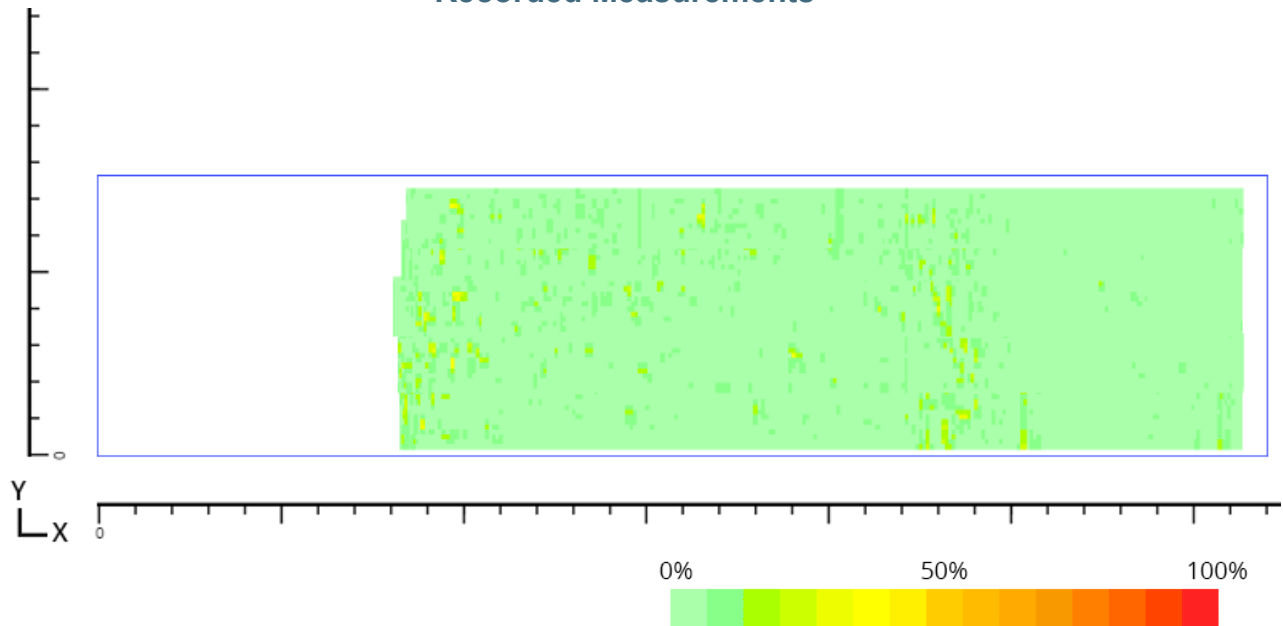
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

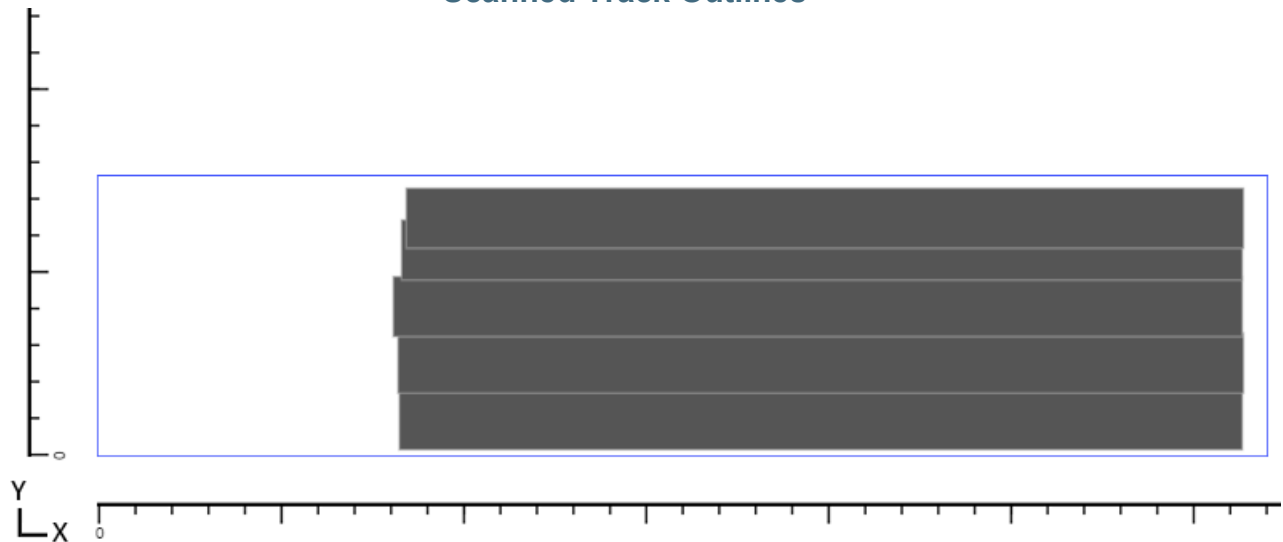




Plate Number 20



Max Signal: 33.3%

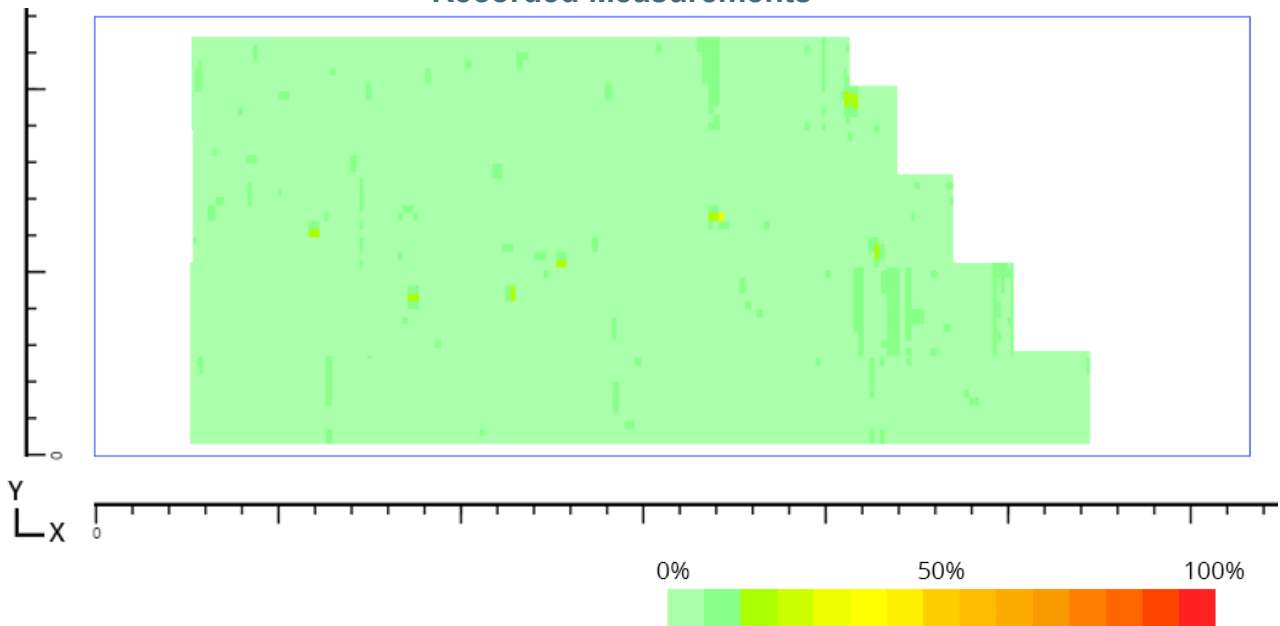
Length (X): 394cm

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

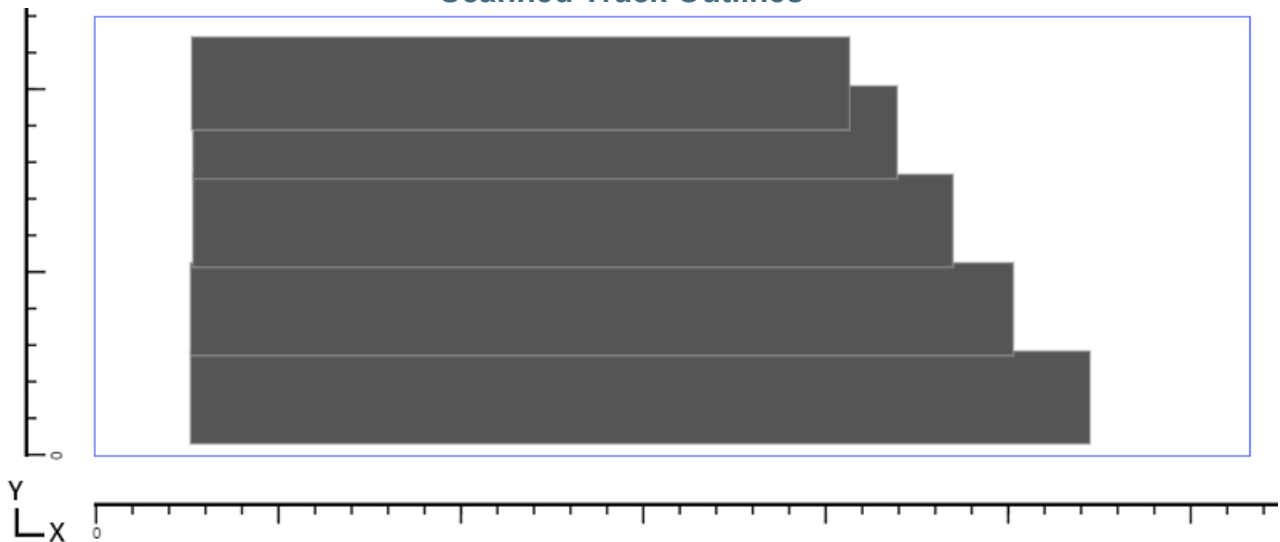




Plate Number 21



Max Signal: 26.7%

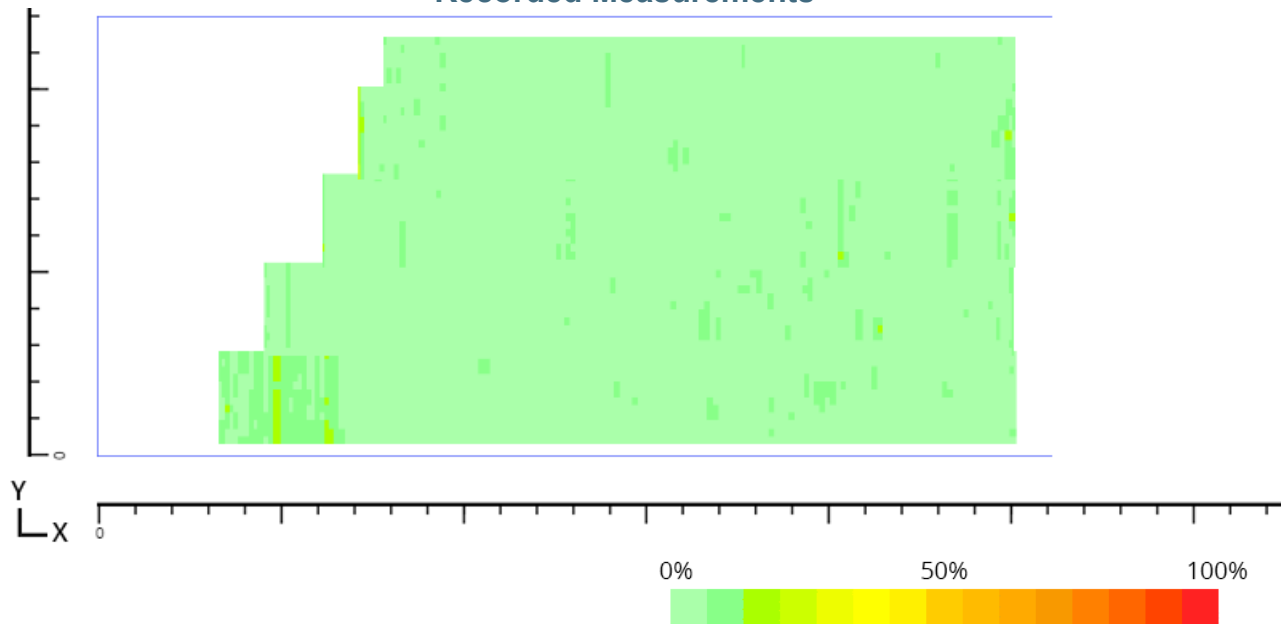
Length (X):
326.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

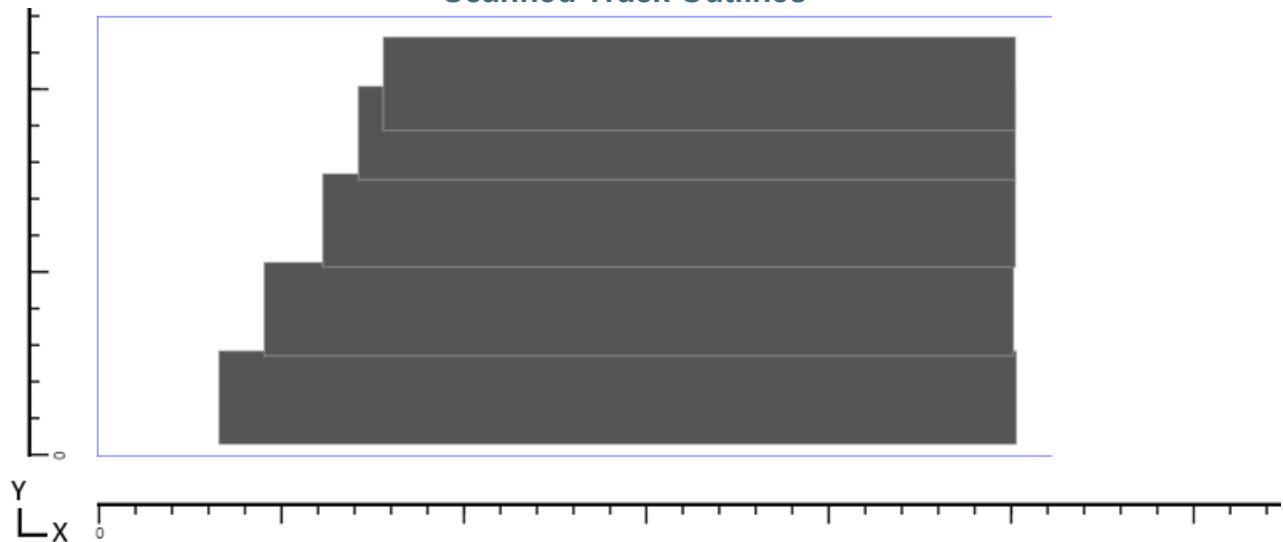




Plate Number 22



Max Signal: 20%

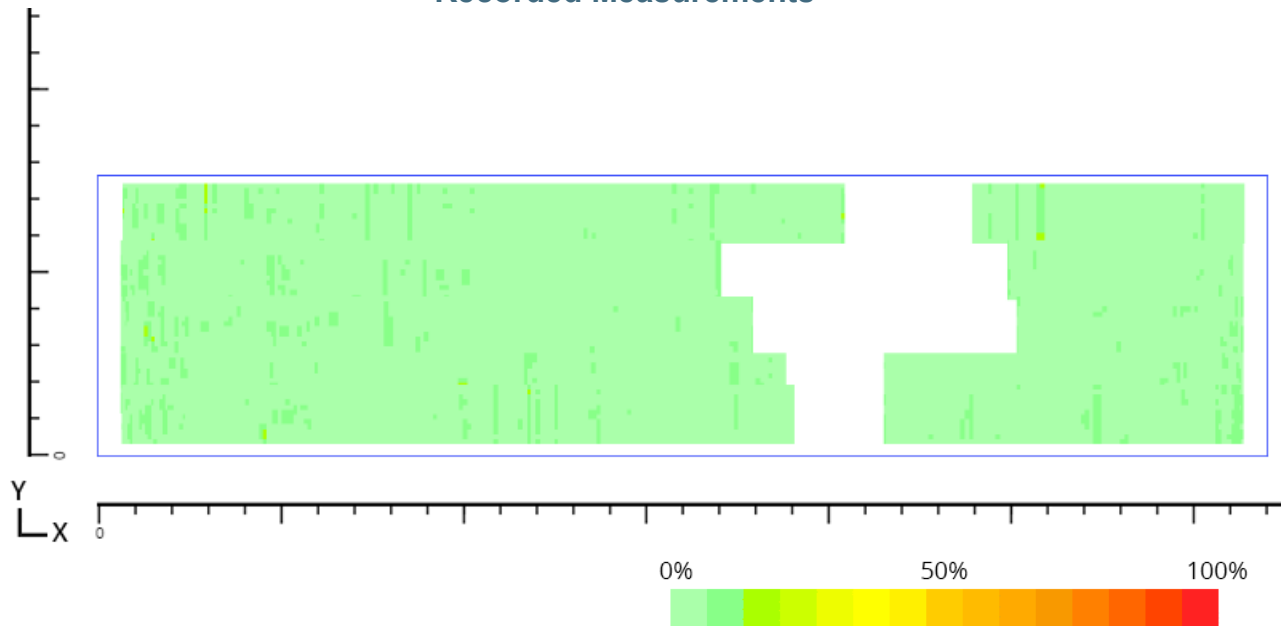
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

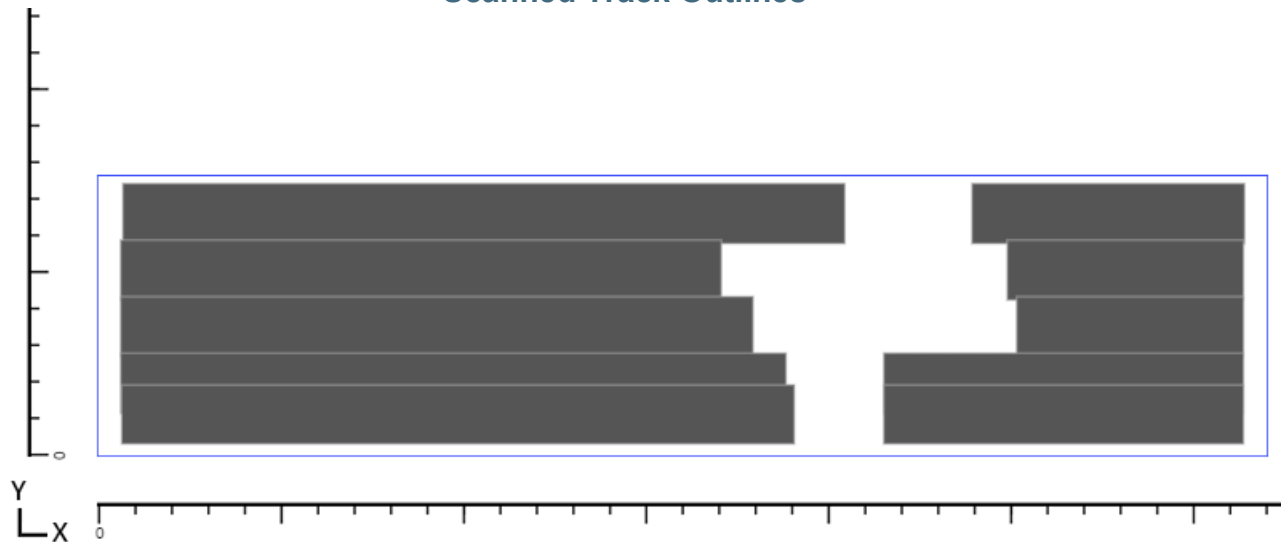




Plate Number 23



Max Signal: 26.7%

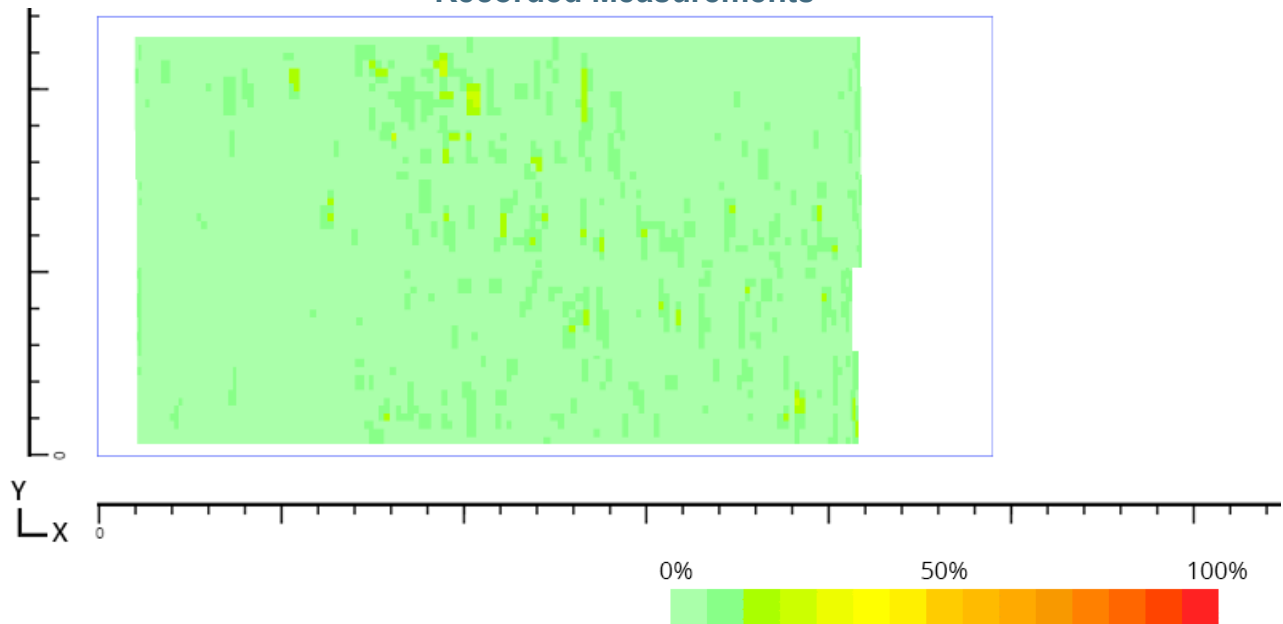
Length (X): 305cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

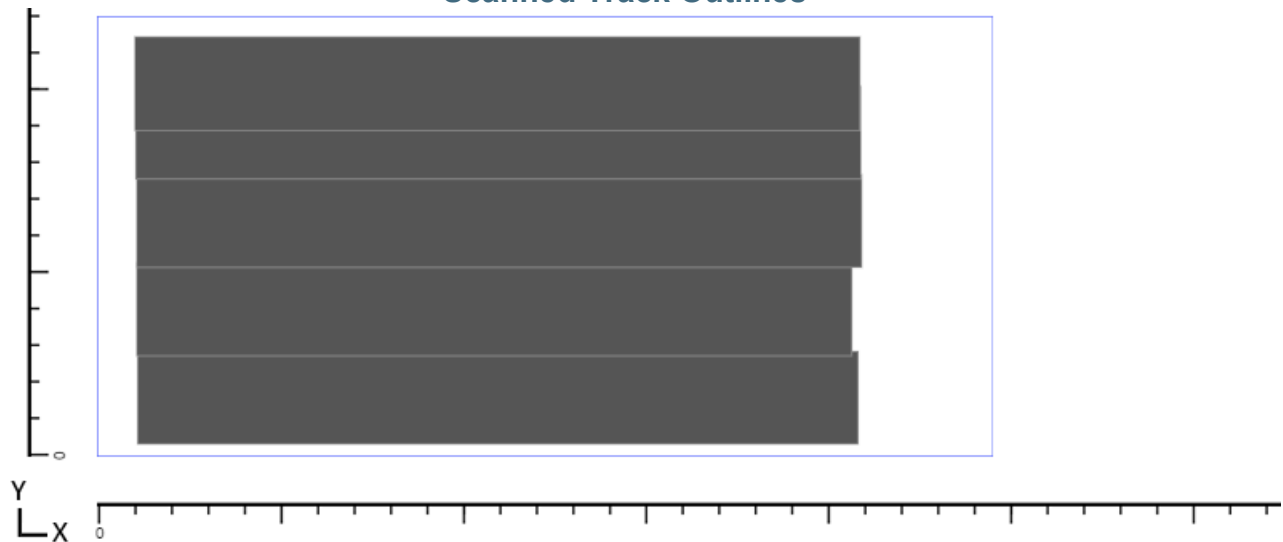
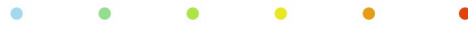




Plate Number 24



Max Signal: 66.7%

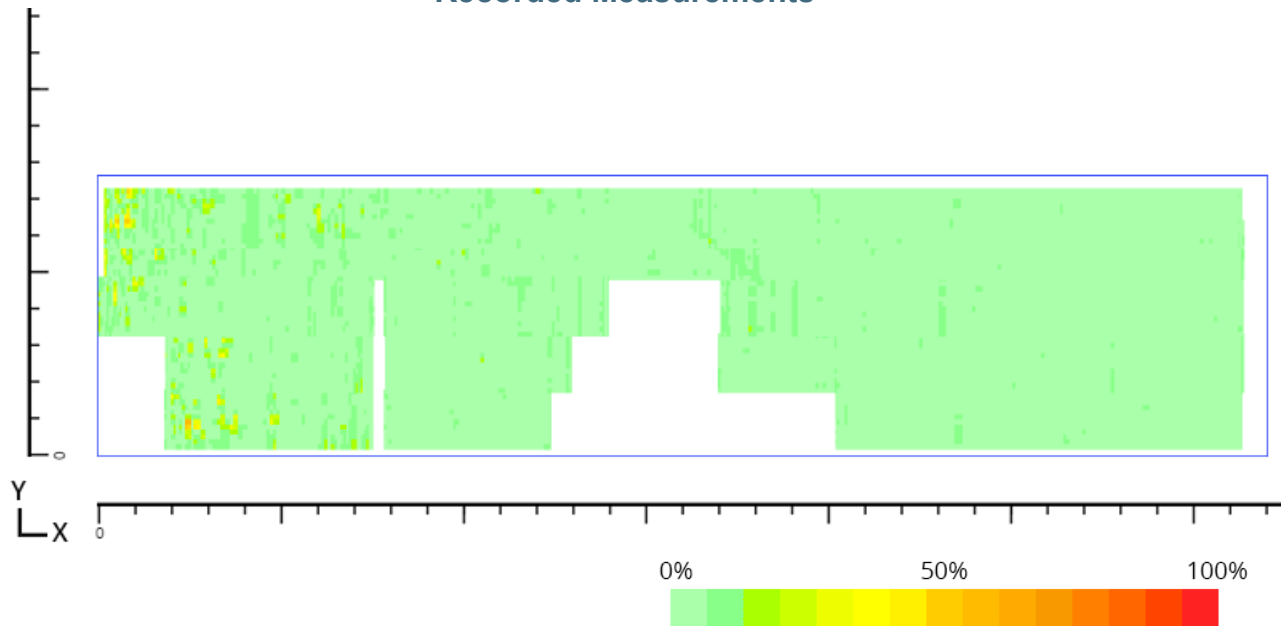
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

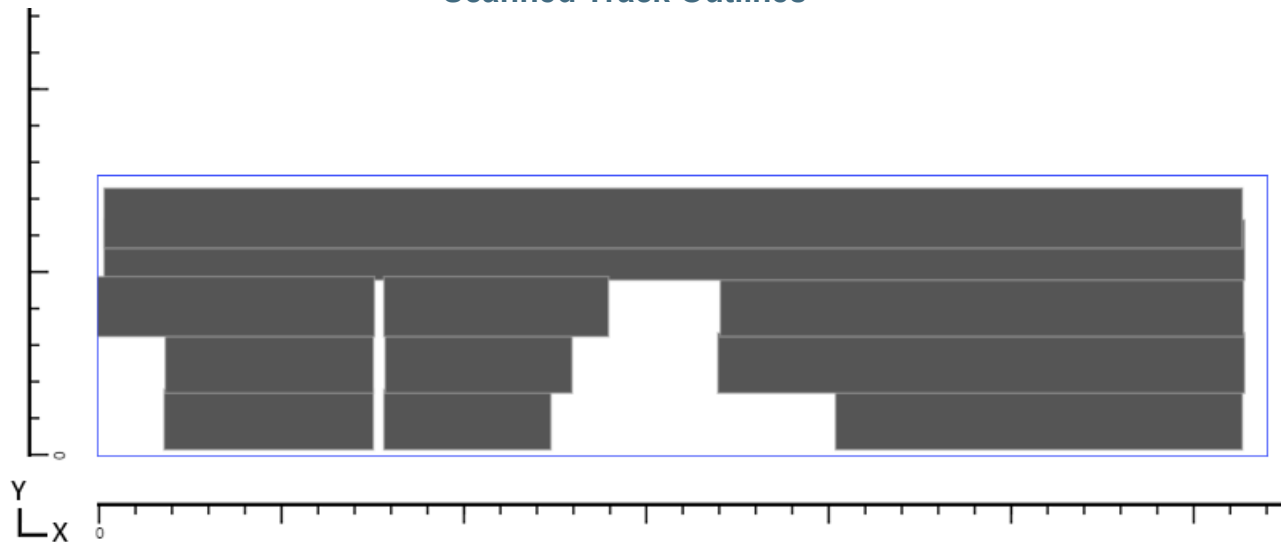




Plate Number 25

Max Signal: 40%

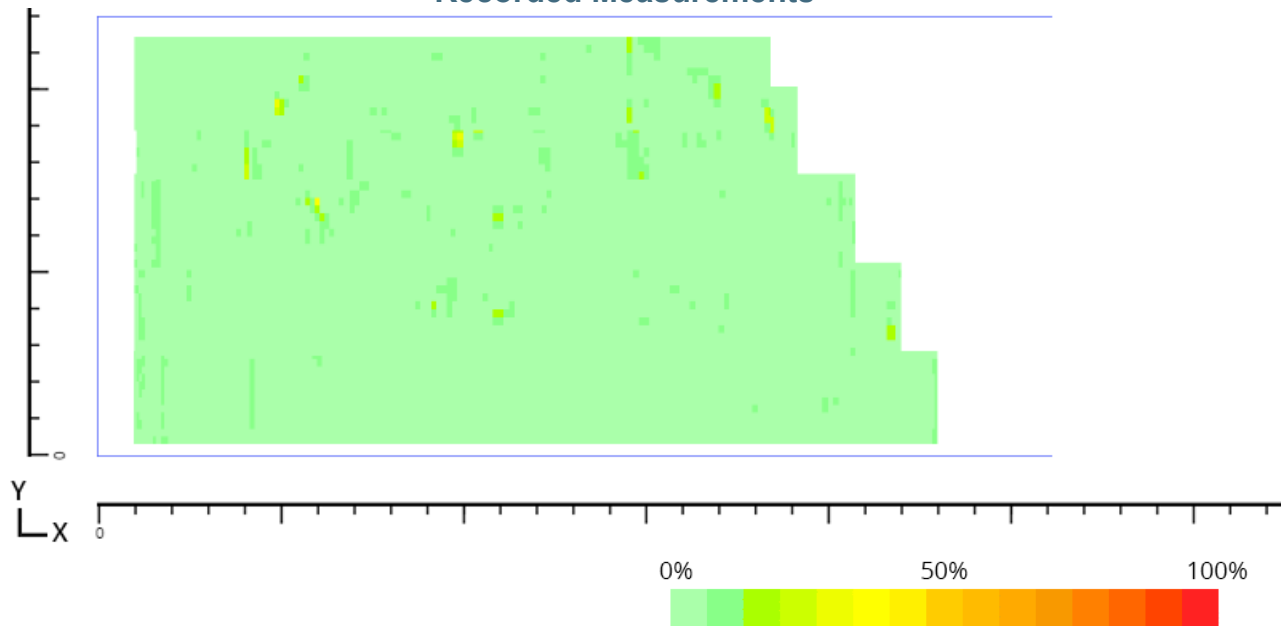
Length (X):
326.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

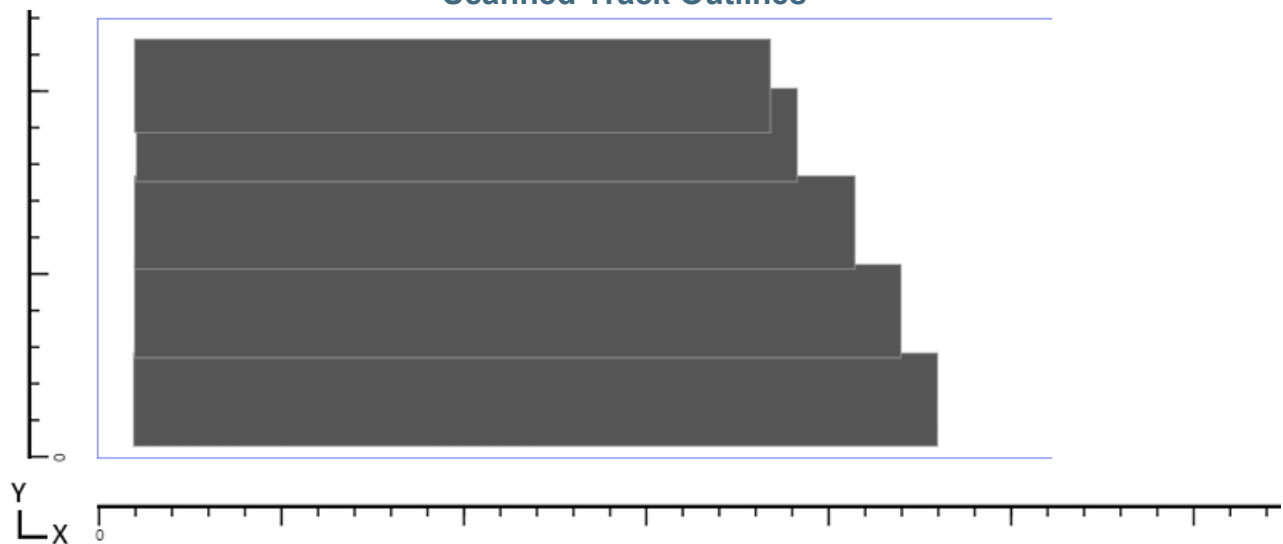




Plate Number 26



Max Signal: 40%

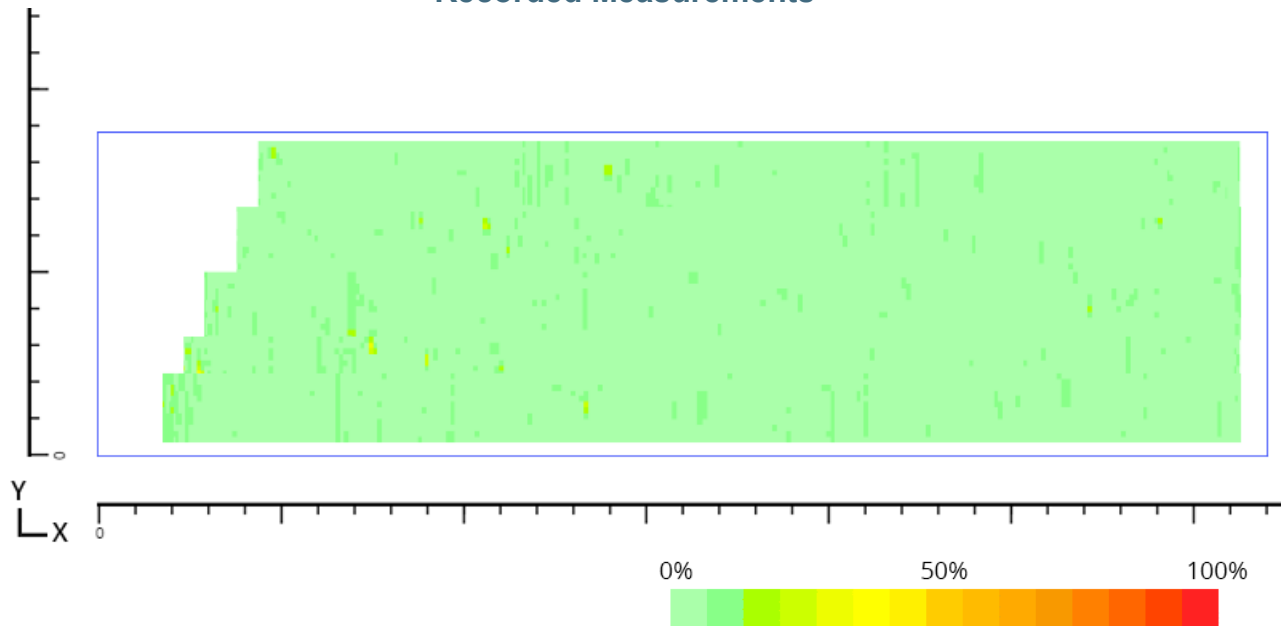
Length (X): 540cm

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

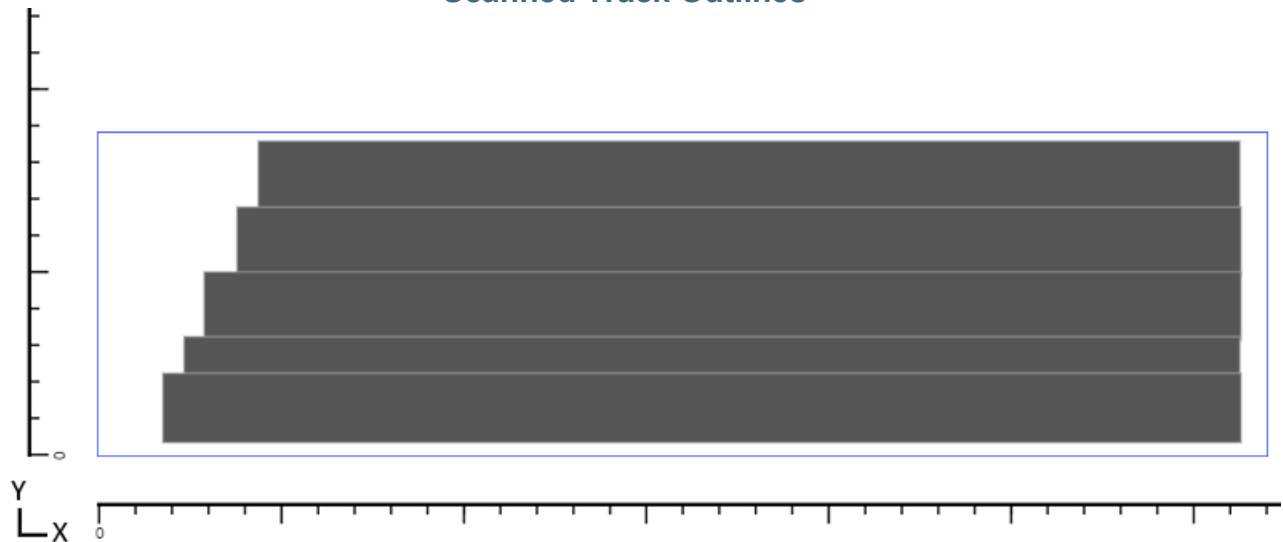




Plate Number 27



Max Signal: 40%

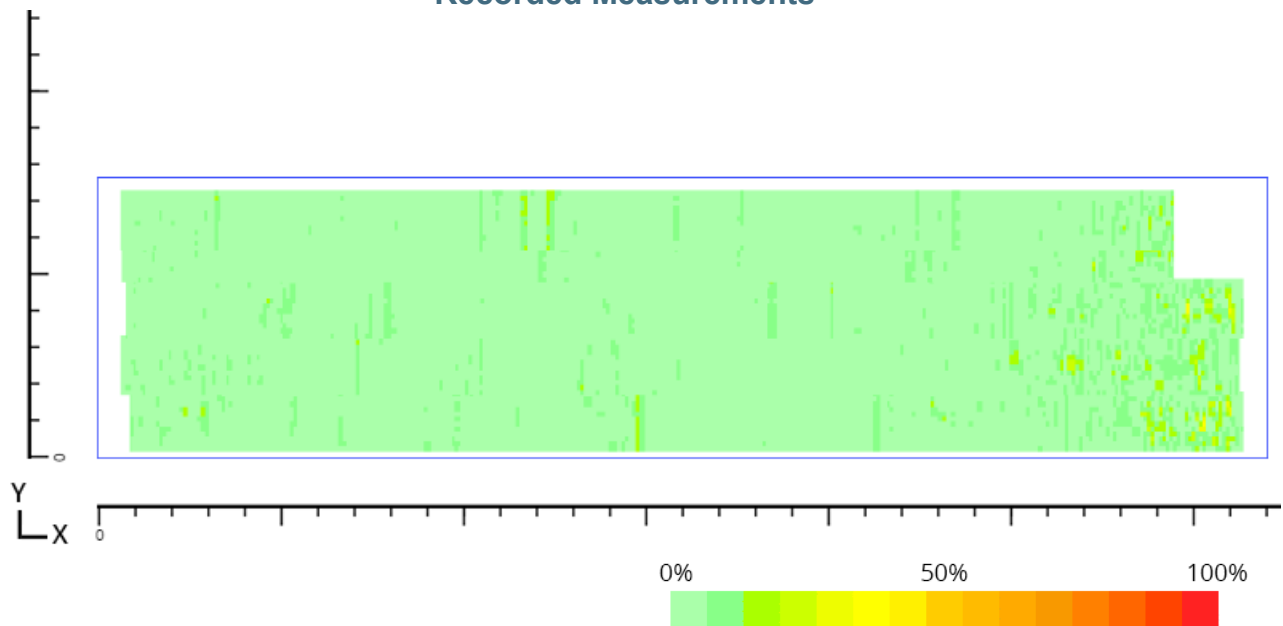
**Length (X):
623.01cm**

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

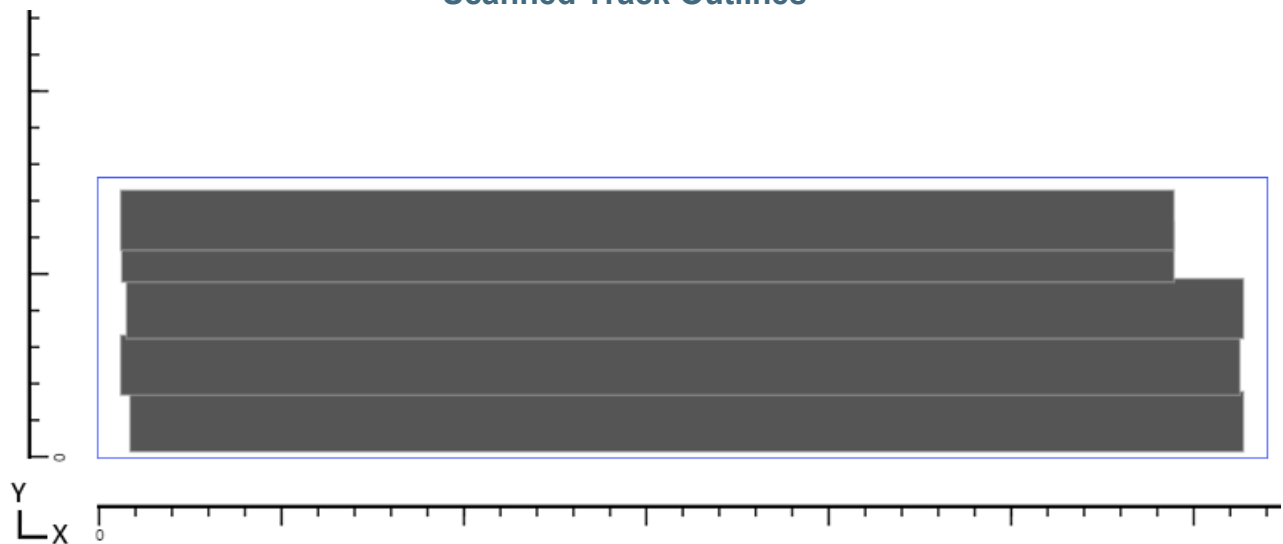




Plate Number 28



Max Signal: 66.7%

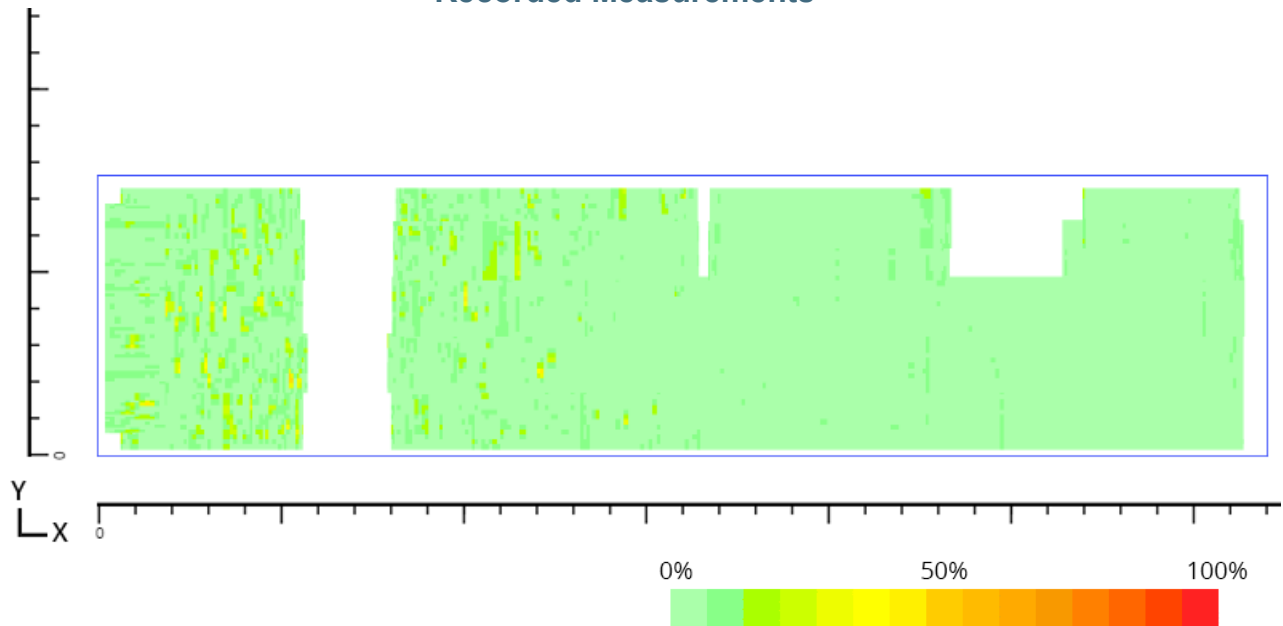
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

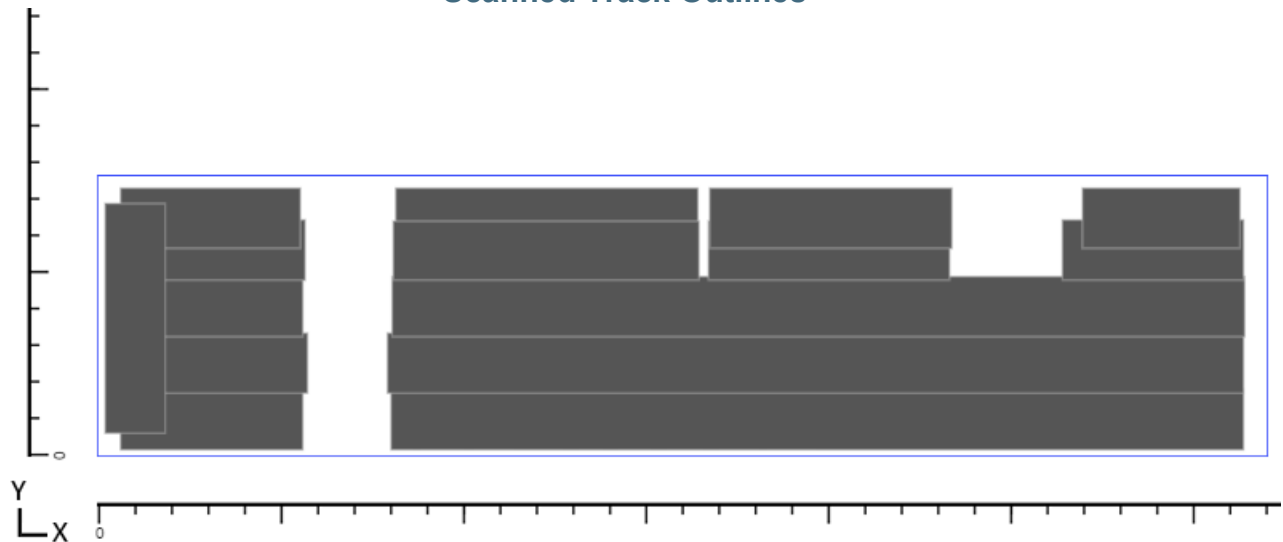




Plate Number 29

Max Signal: 33.3%

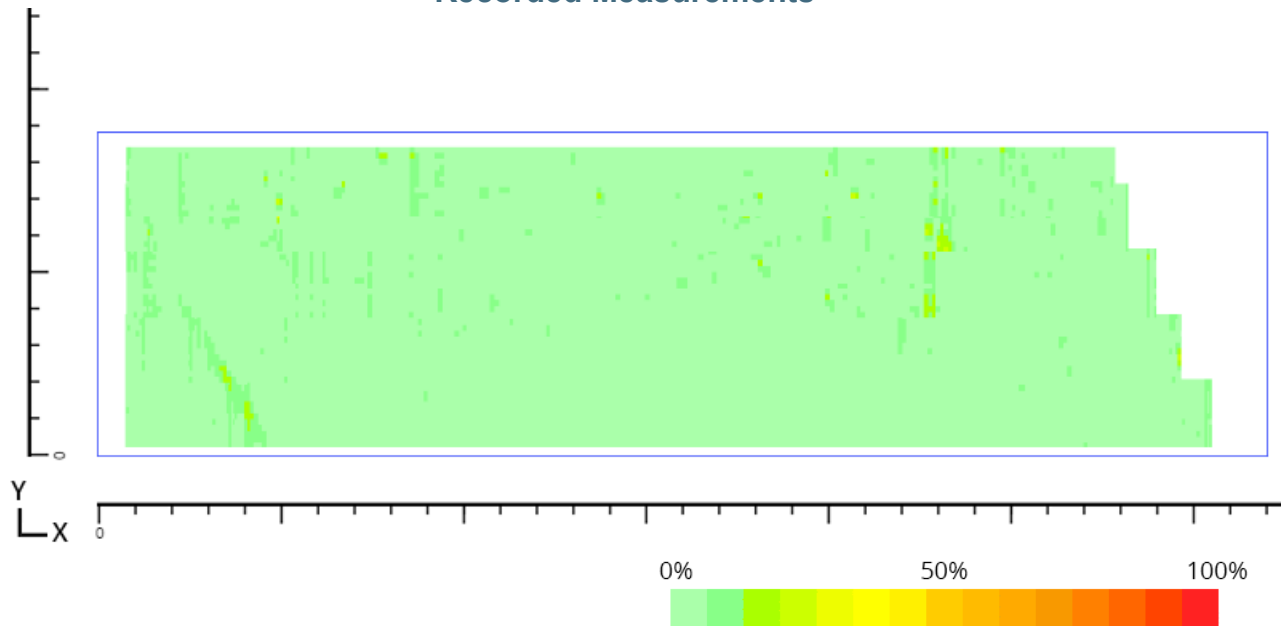
Length (X): 540cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

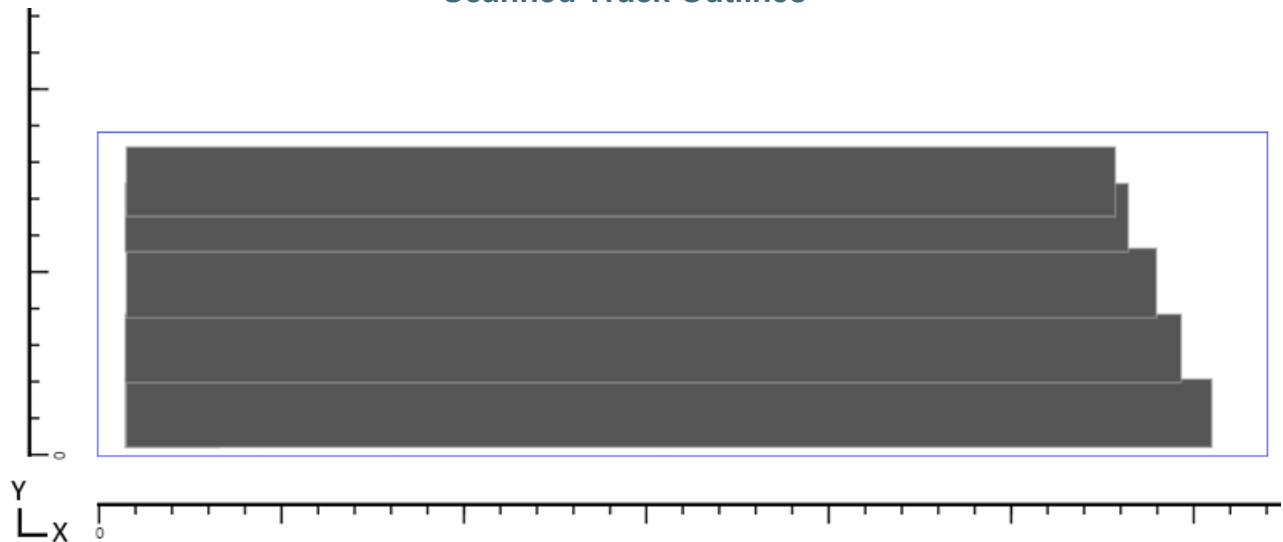




Plate Number 30



Max Signal: 26.7%

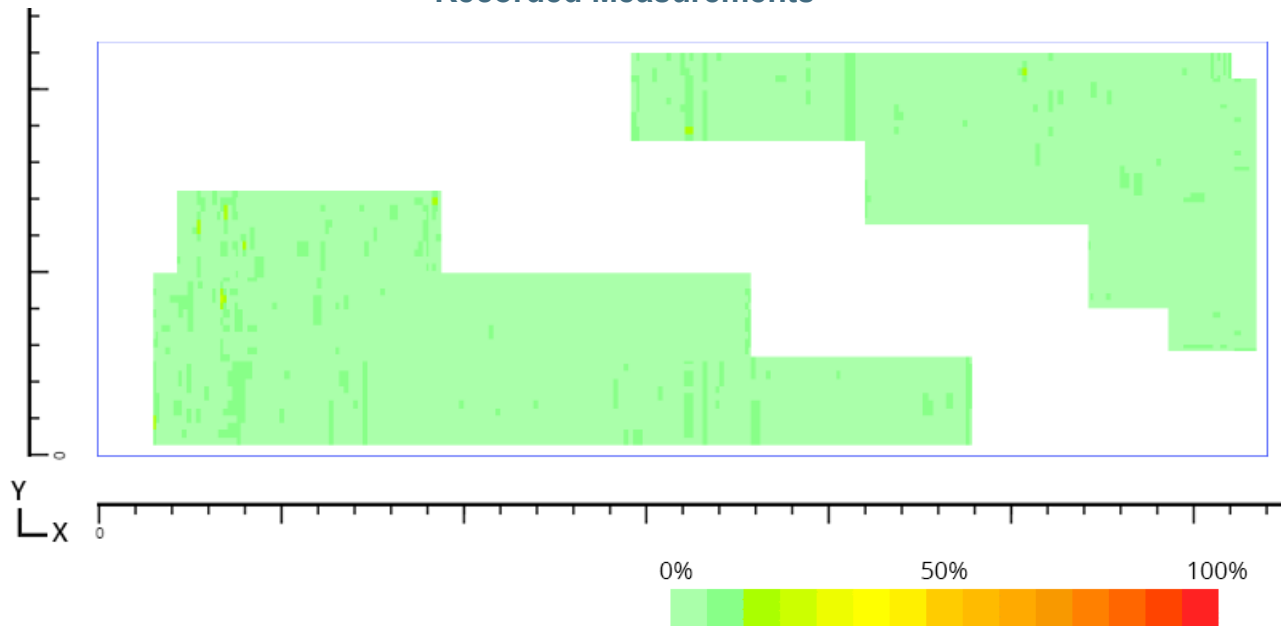
Length (X):
423.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

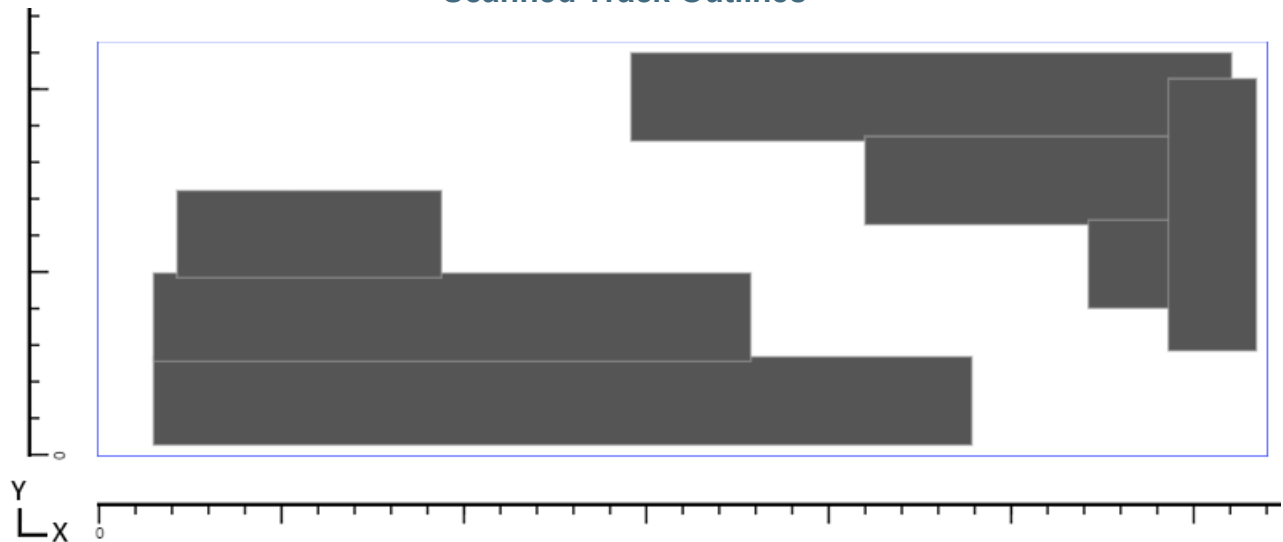




Plate Number 31



Max Signal: 46.7%

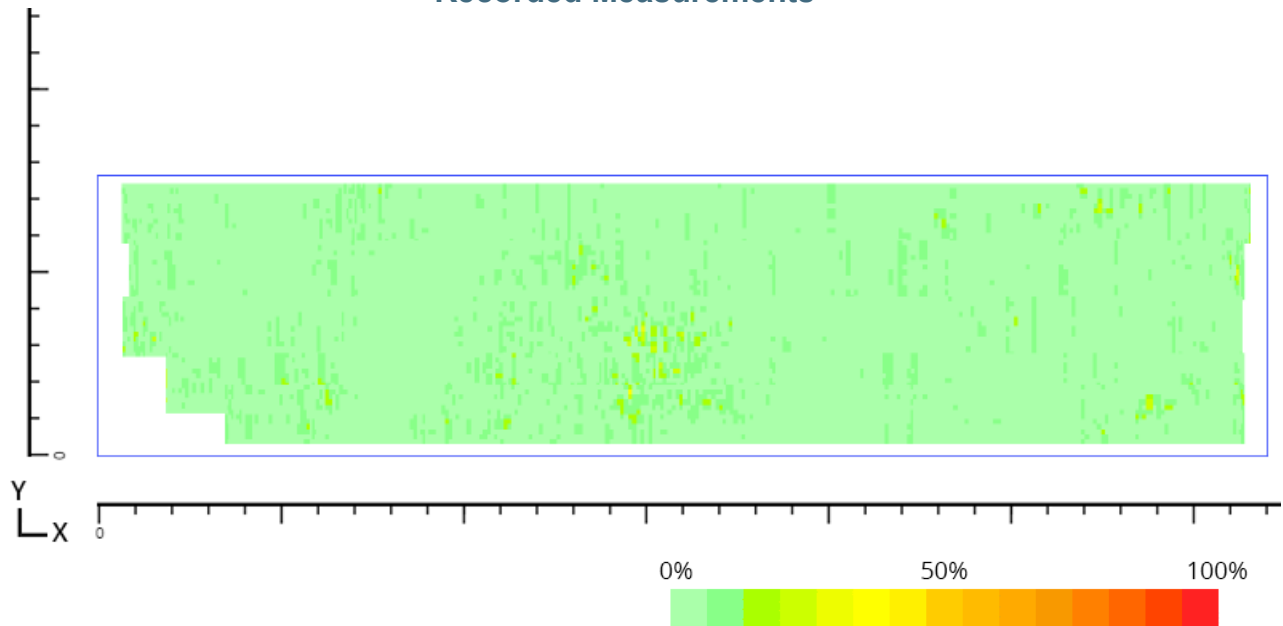
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

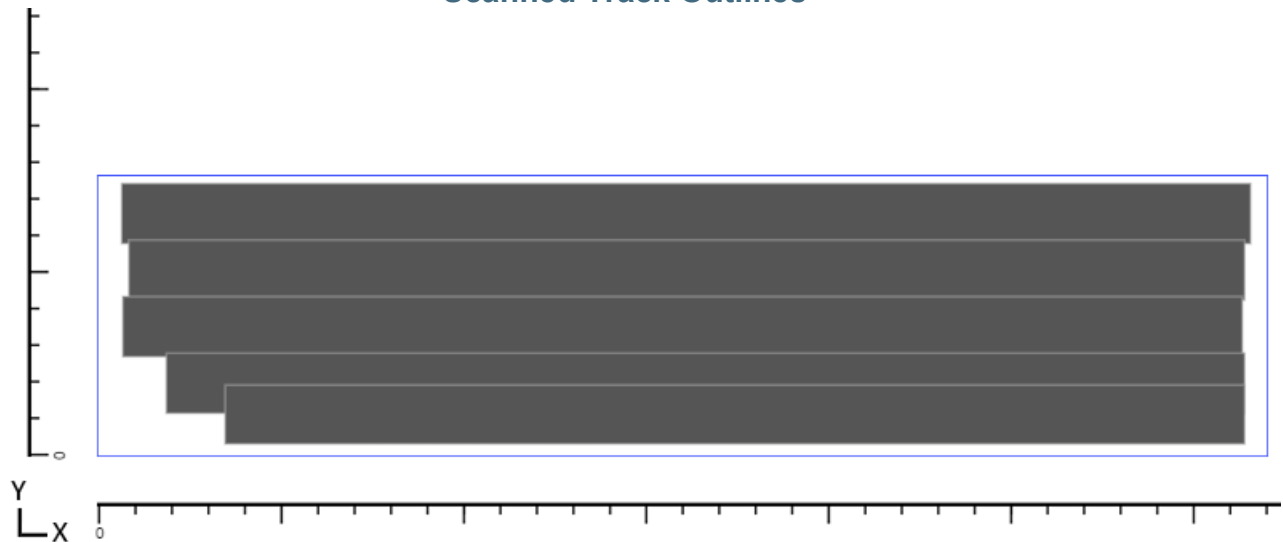




Plate Number 32



Max Signal: 53.3%

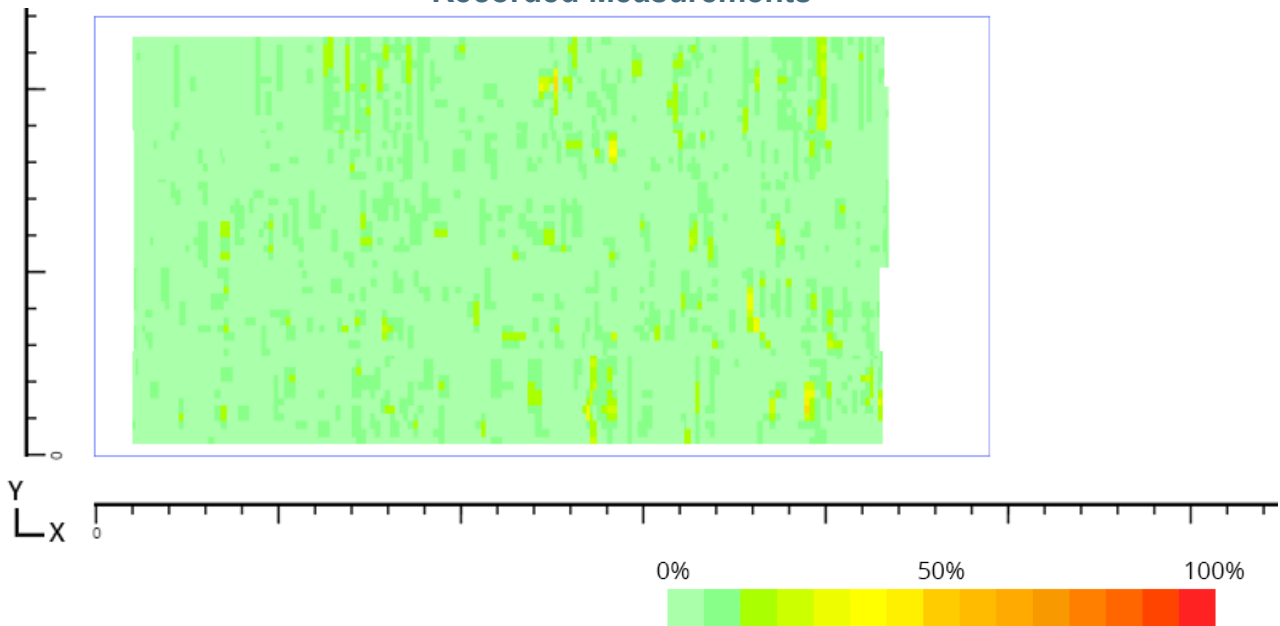
Length (X): 305cm

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

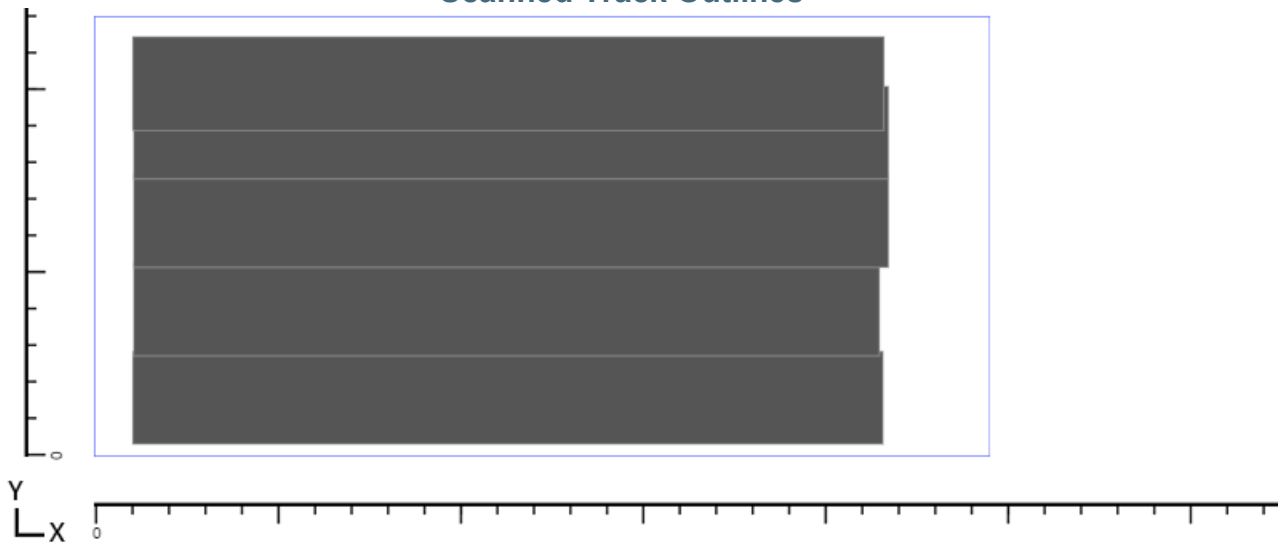




Plate Number 33



Max Signal: 53.3%

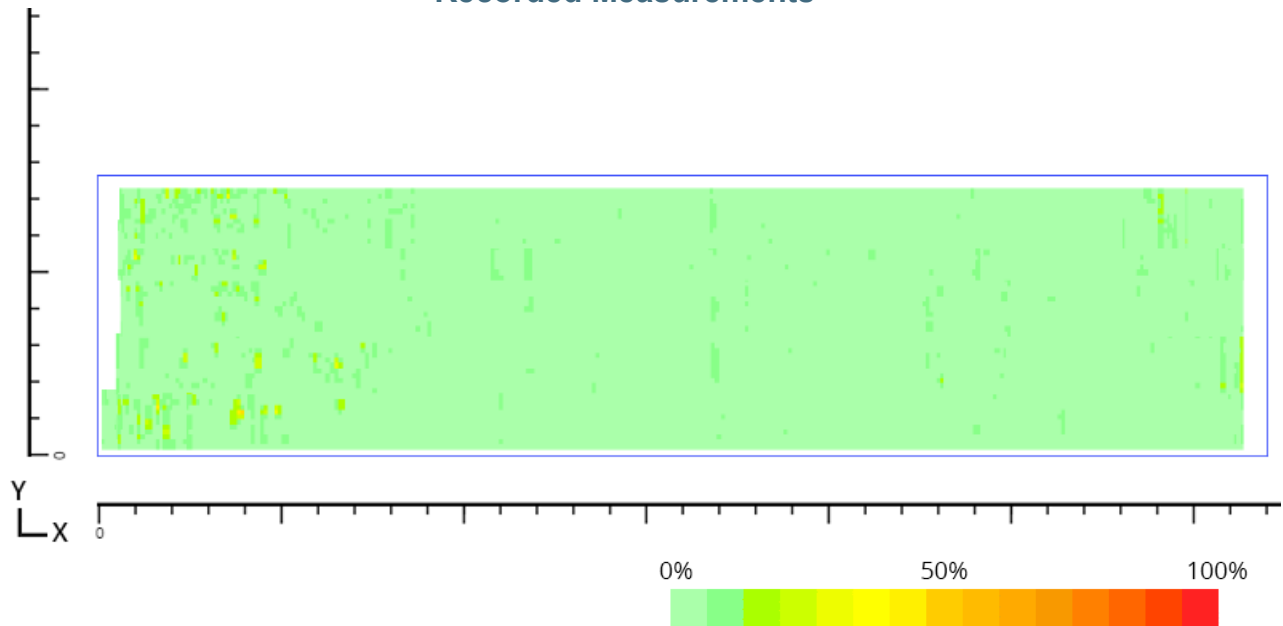
**Length (X):
623.01cm**

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

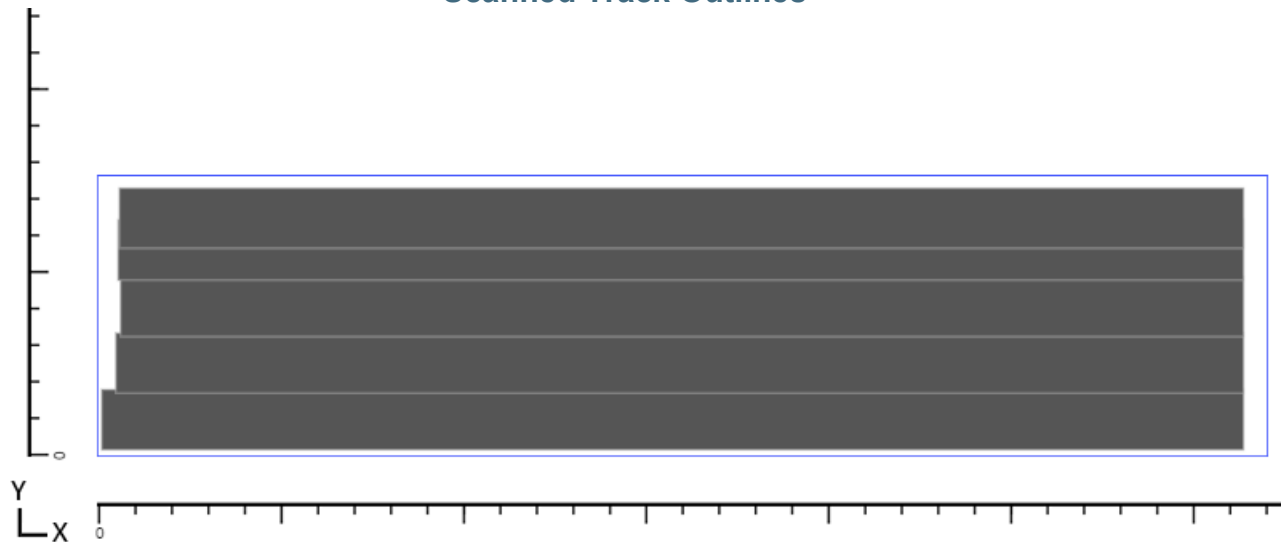




Plate Number 34



Max Signal: 33.3%

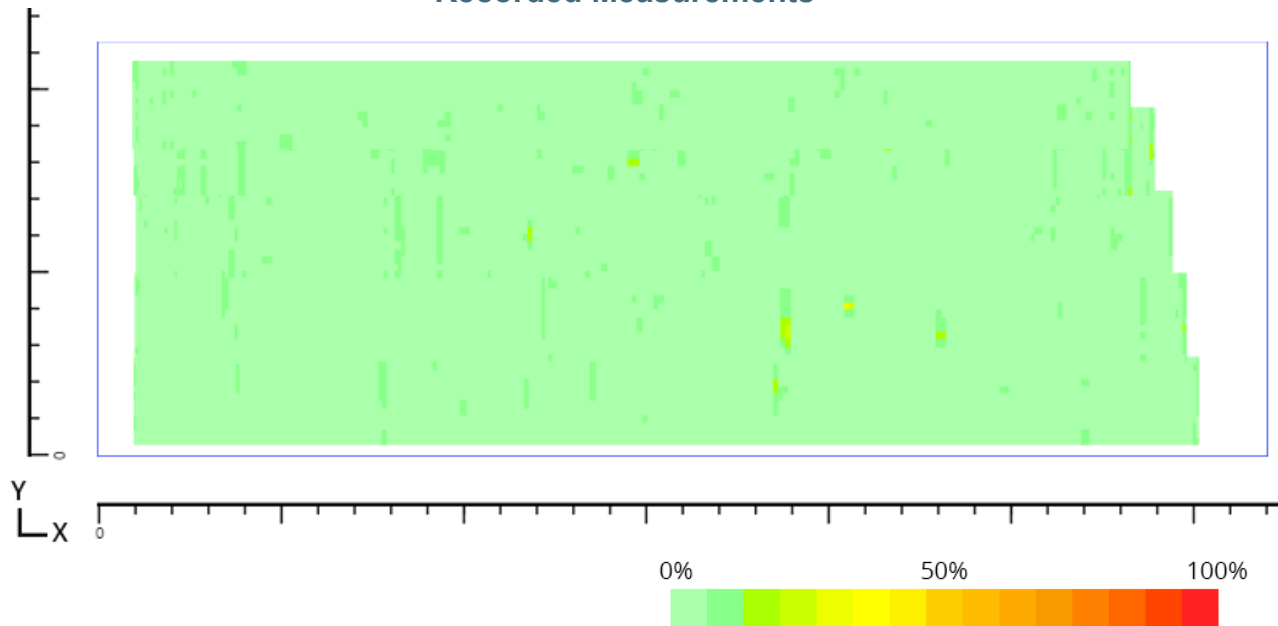
Length (X):
423.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

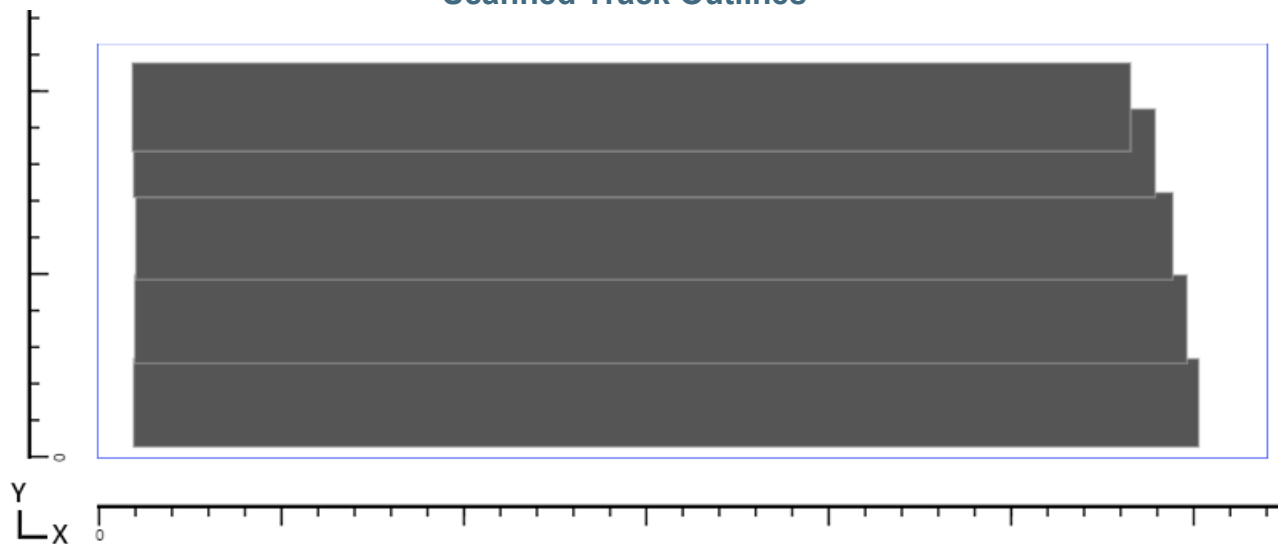




Plate Number 35



Max Signal: 33.3%

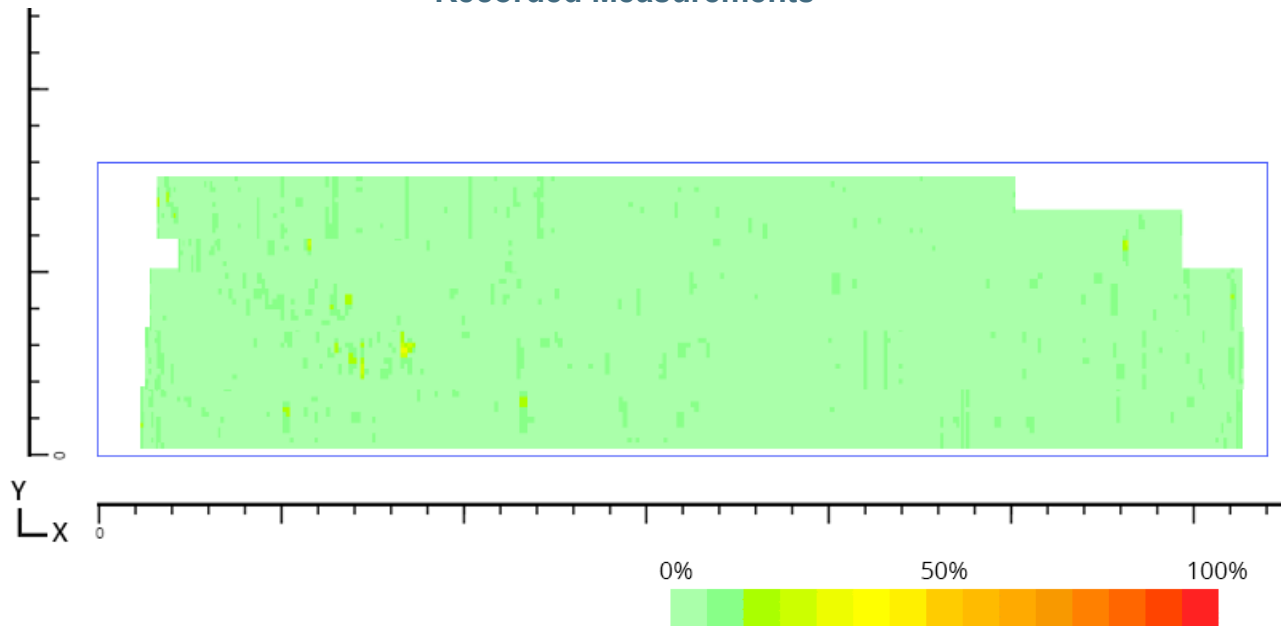
Length (X): 597cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

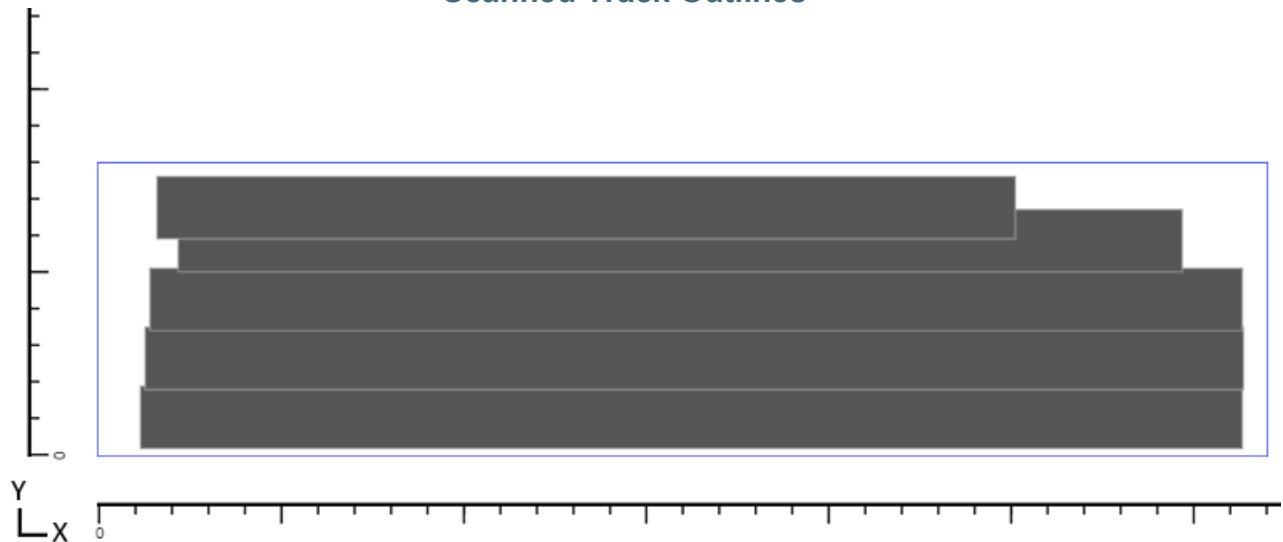




Plate Number 36



Max Signal: 53.3%

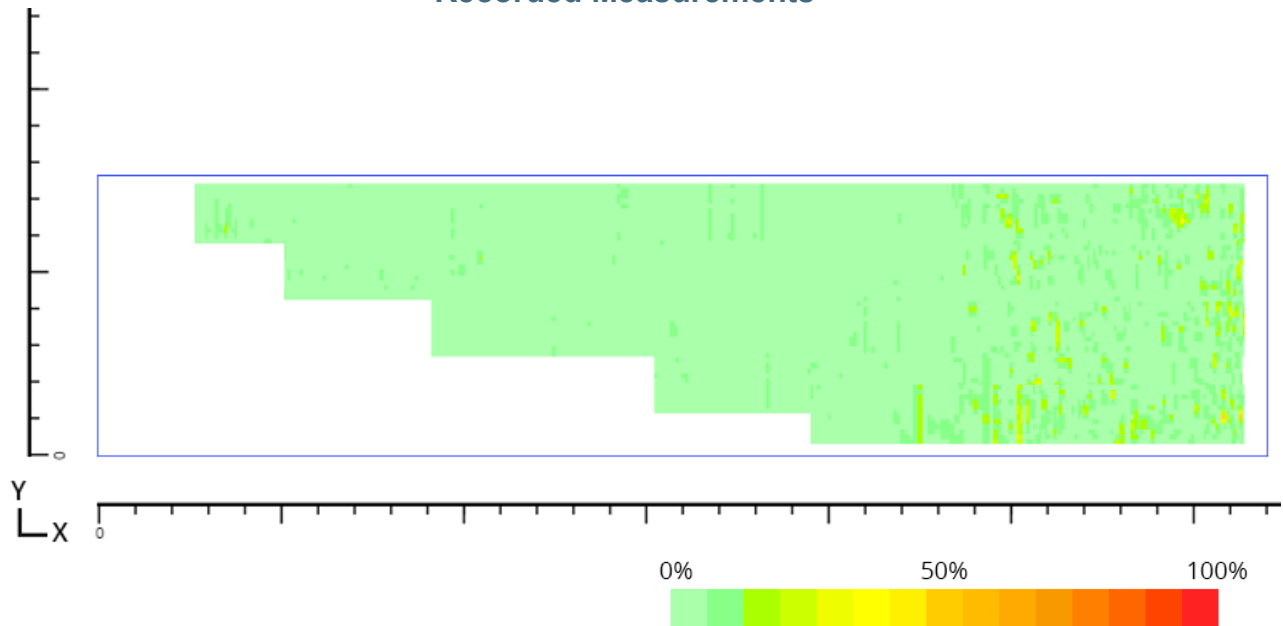
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

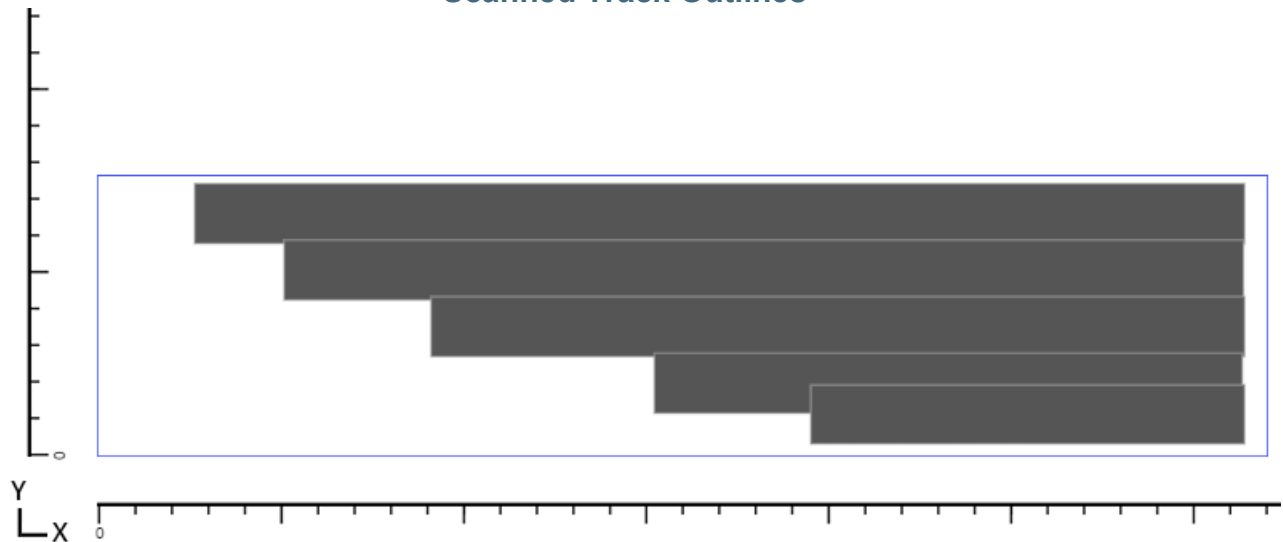




Plate Number 37



Max Signal: 46.7%

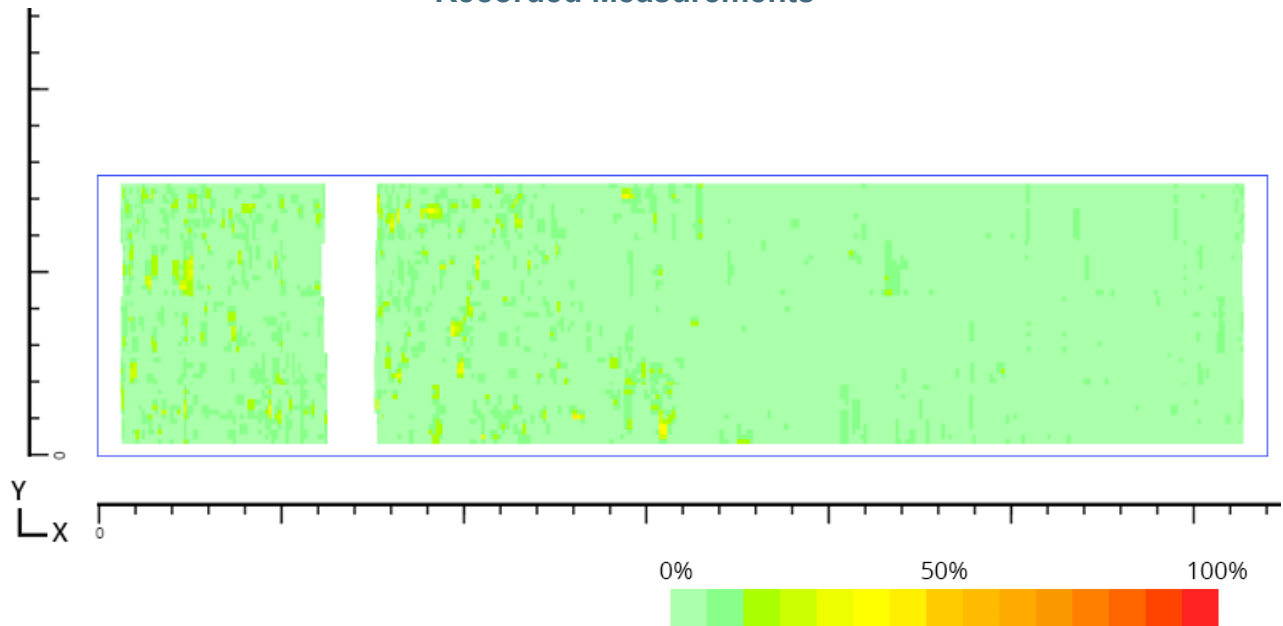
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

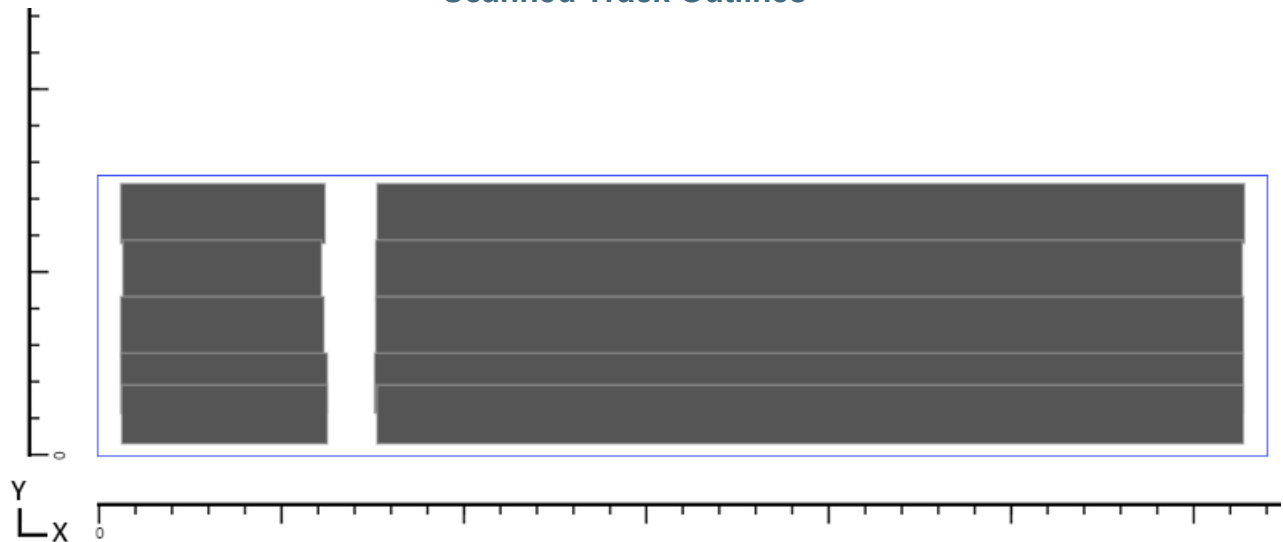




Plate Number 38

Max Signal: 26.7%

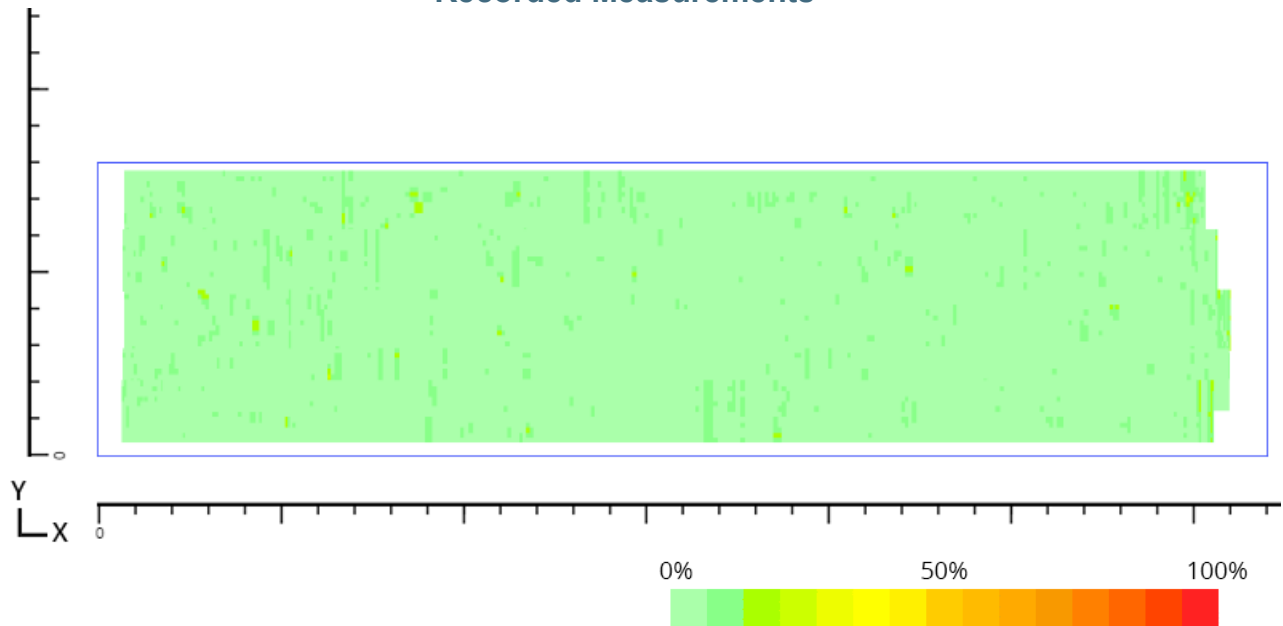
Length (X): 597cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

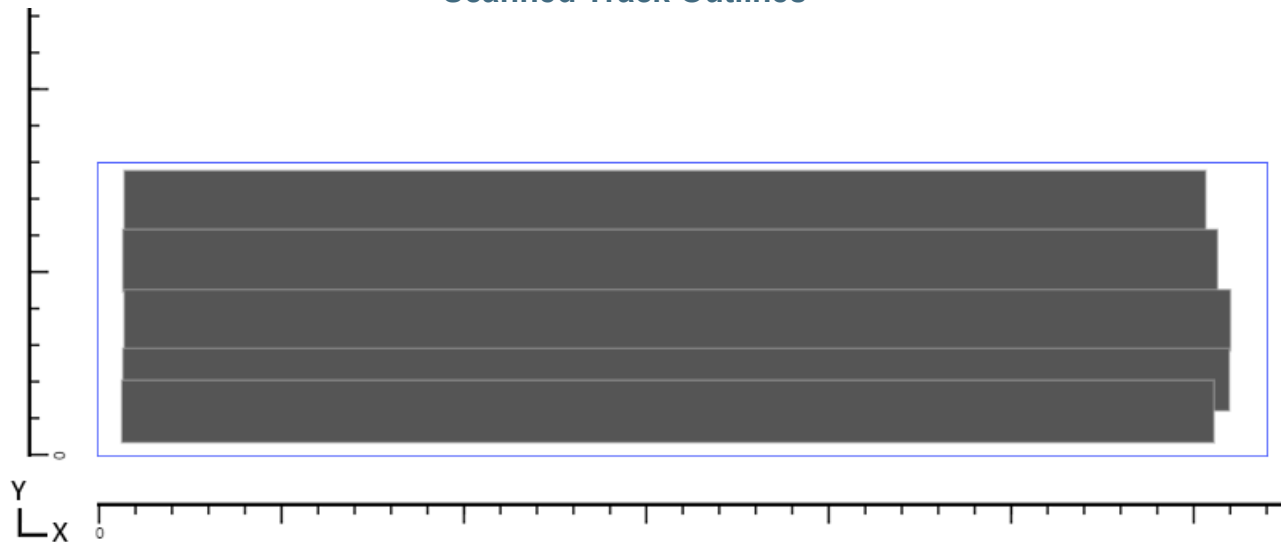




Plate Number 39

Max Signal: 53.3%

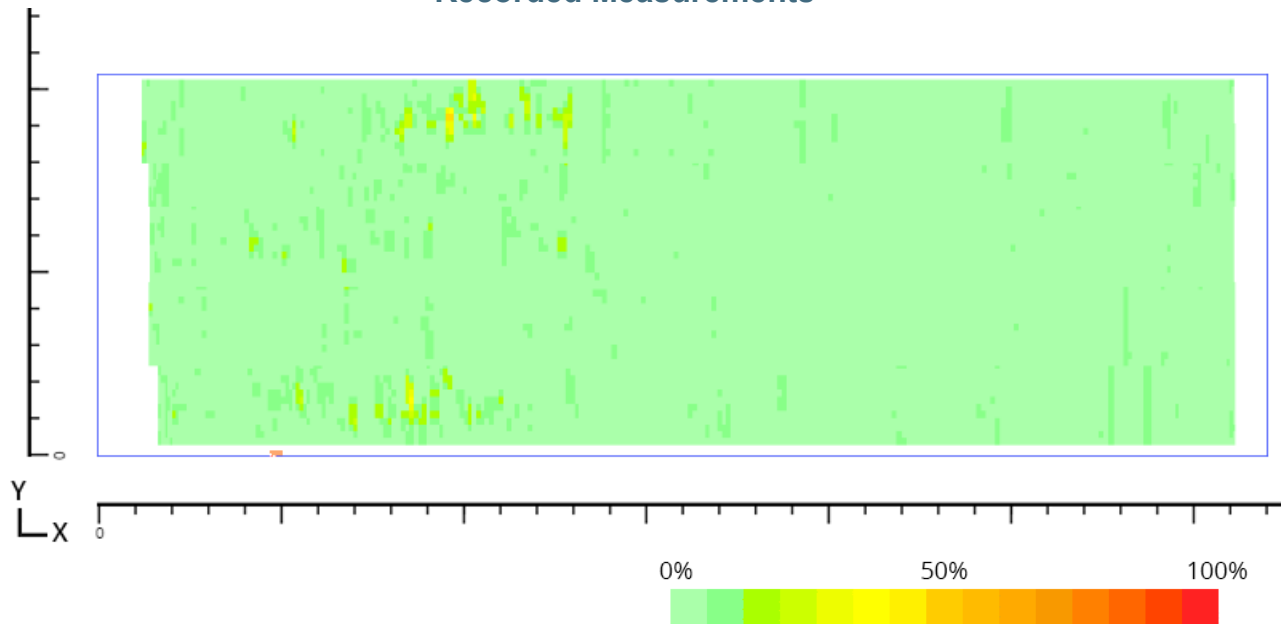
Length (X):
443.99cm

Width (Y):
145.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

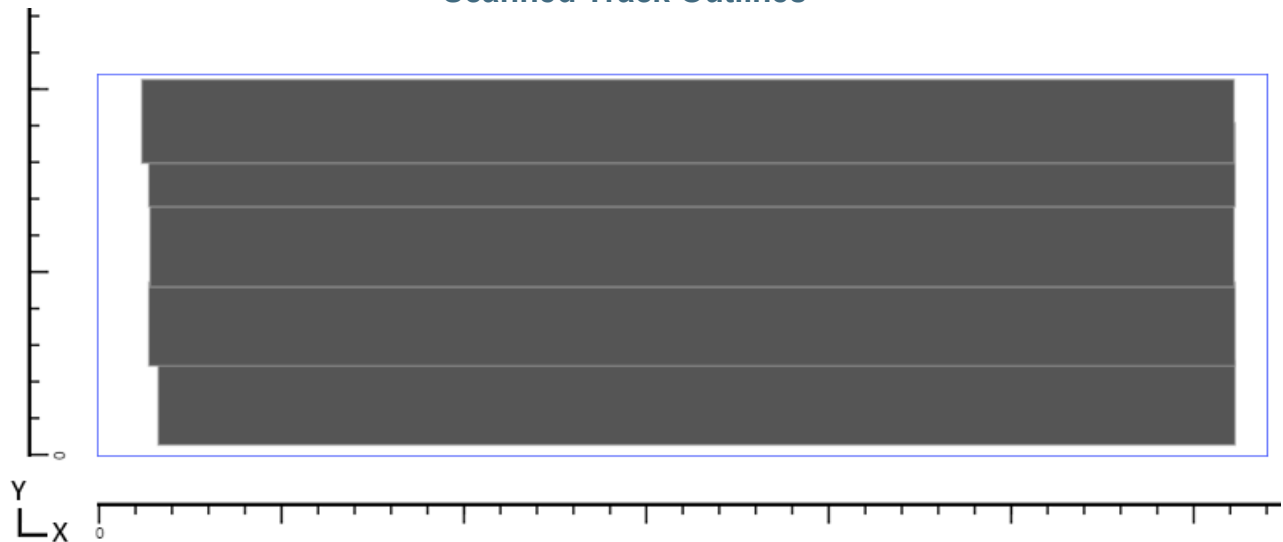




Plate Number 40

Max Signal: 46.7%

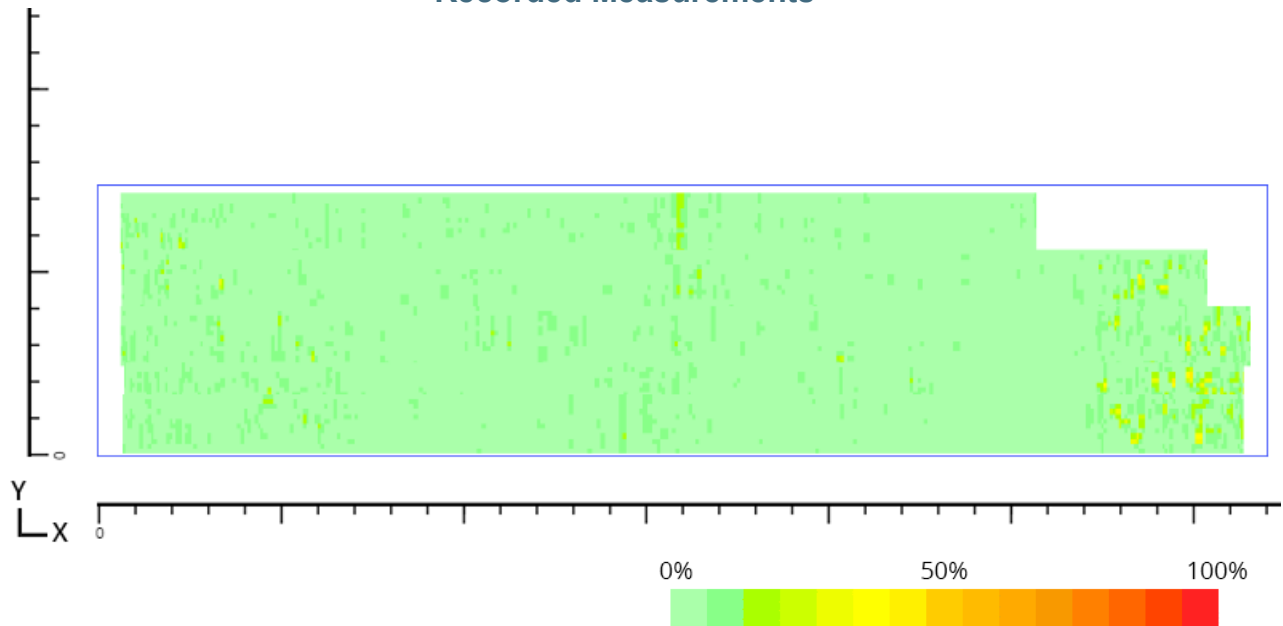
Length (X):
623.01cm

Width (Y):
145.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

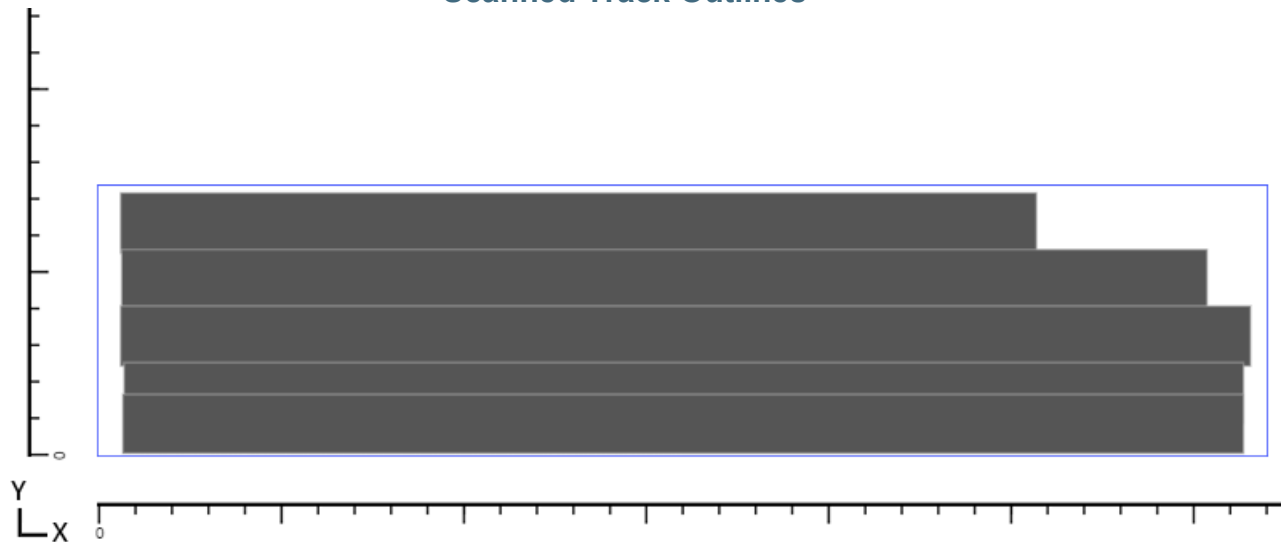




Plate Number 42



Max Signal: 86.7%

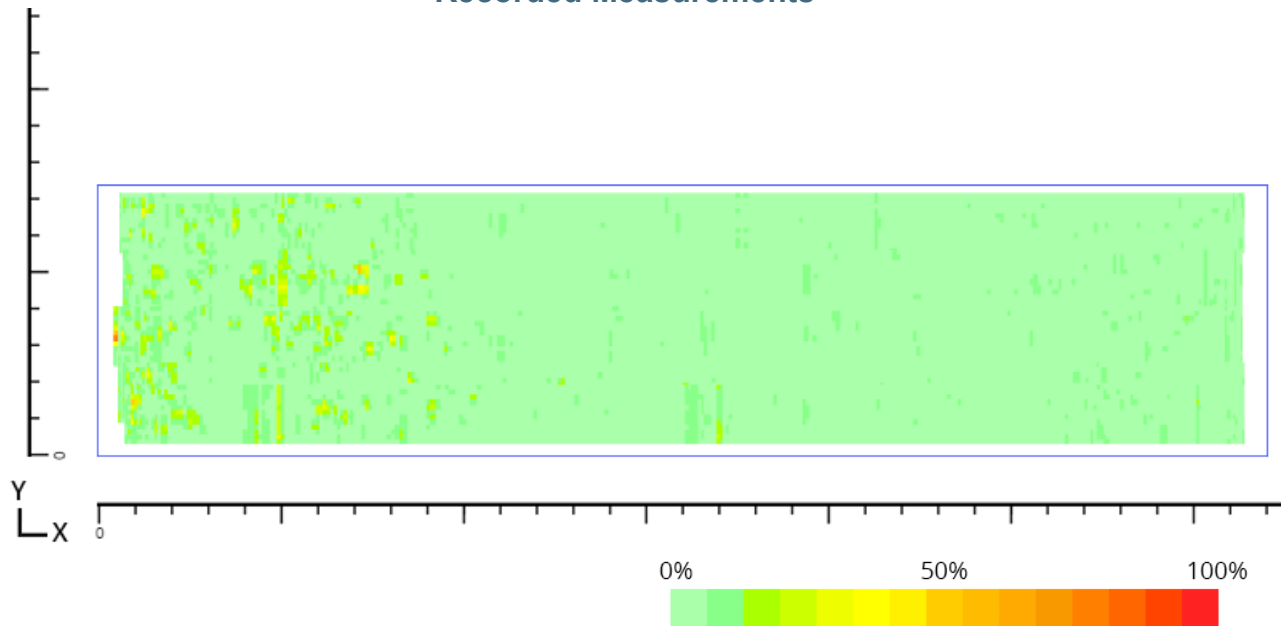
Length (X):
623.01cm

Width (Y):
145.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

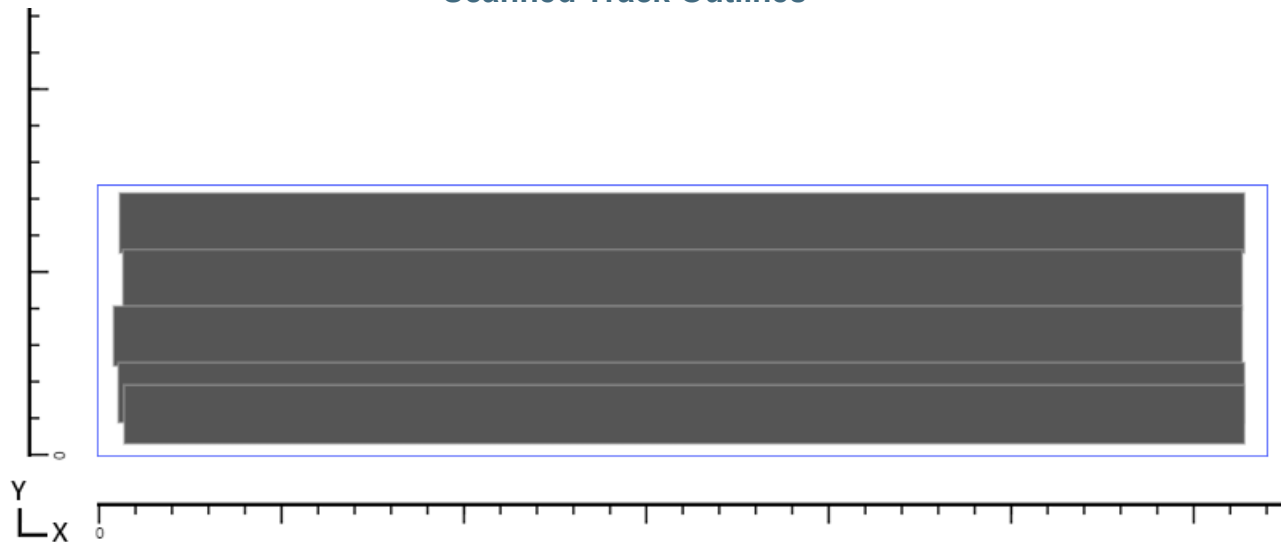




Plate Number 43



Max Signal: 33.3%

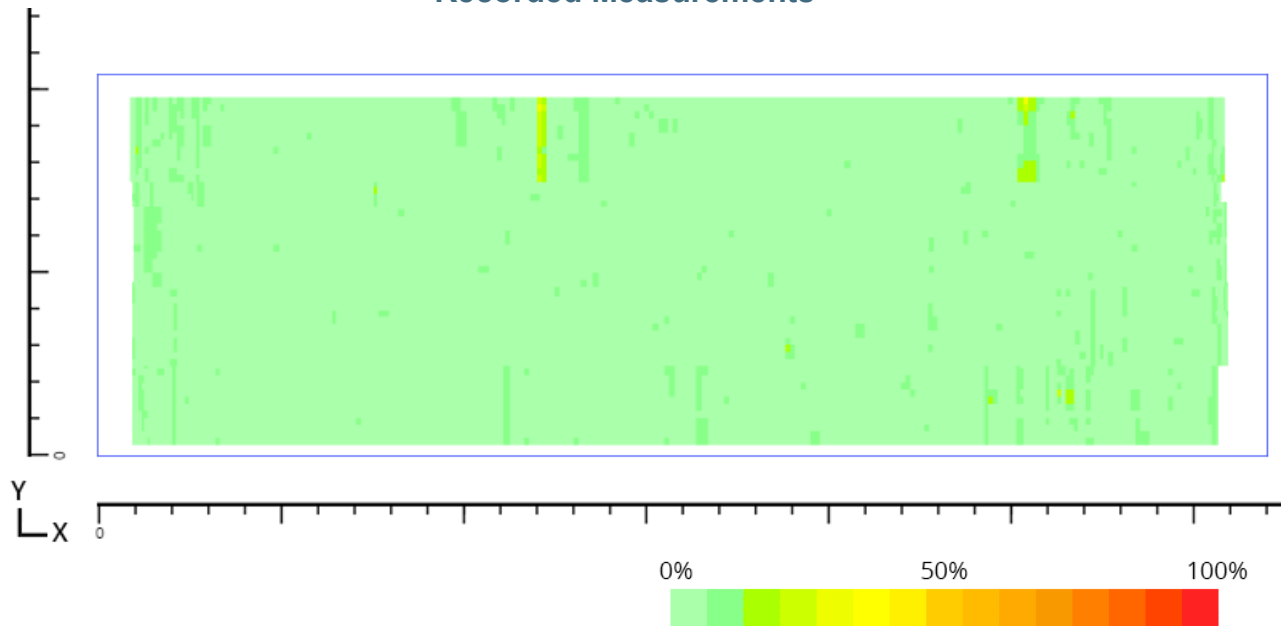
Length (X):
443.99cm

Width (Y):
145.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

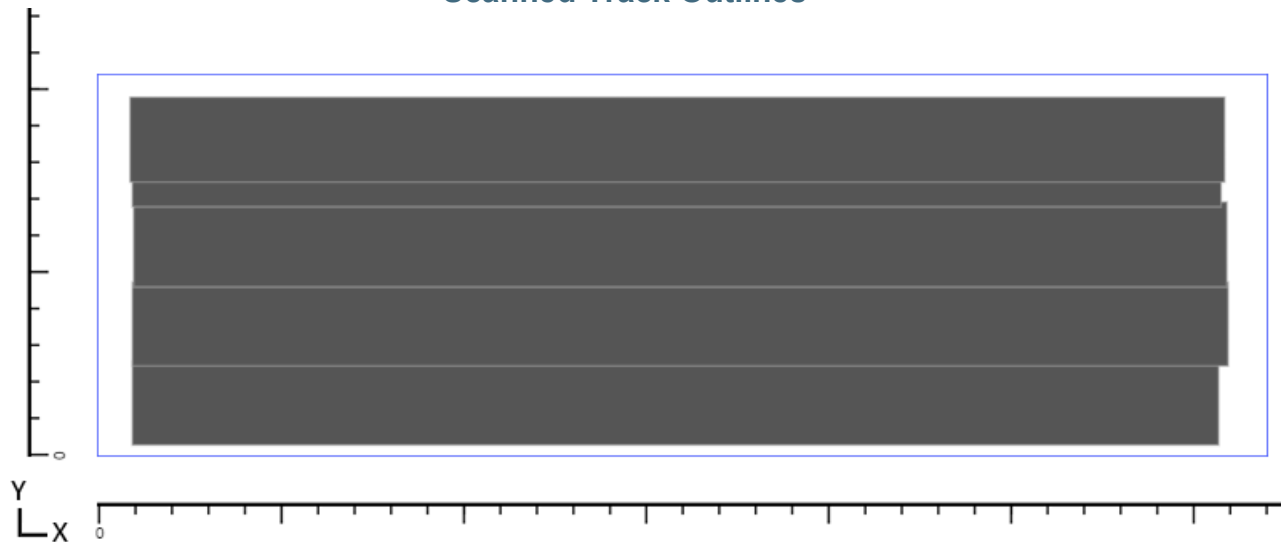




Plate Number 44

Max Signal: 26.7%

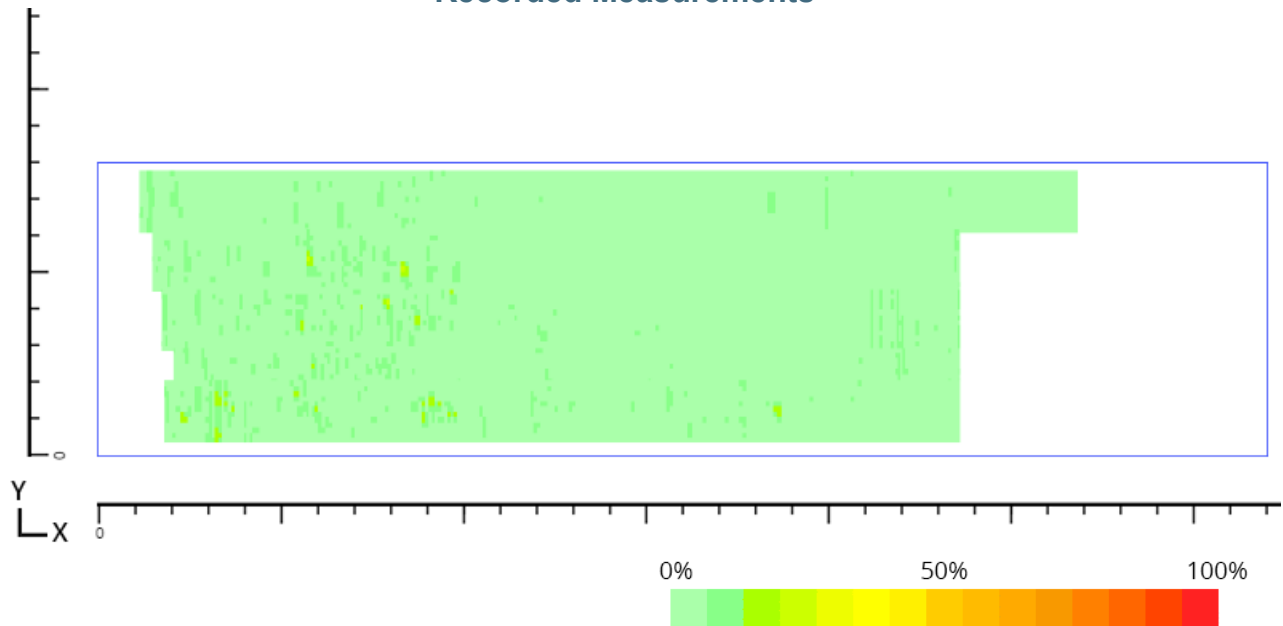
Length (X): 597cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

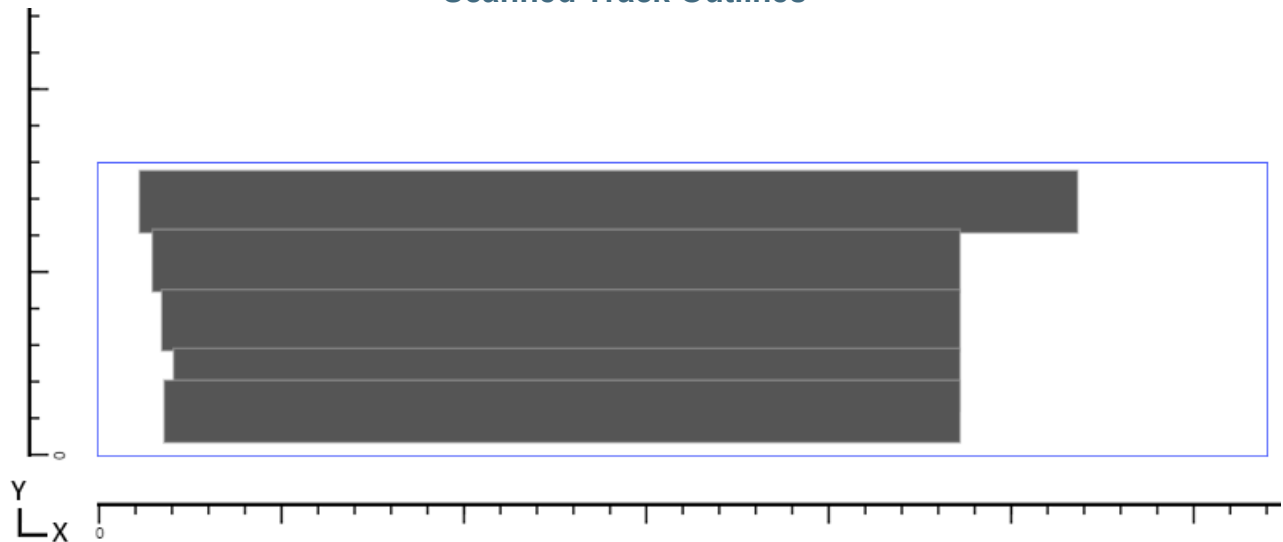




Plate Number 45

Max Signal: 93.3%

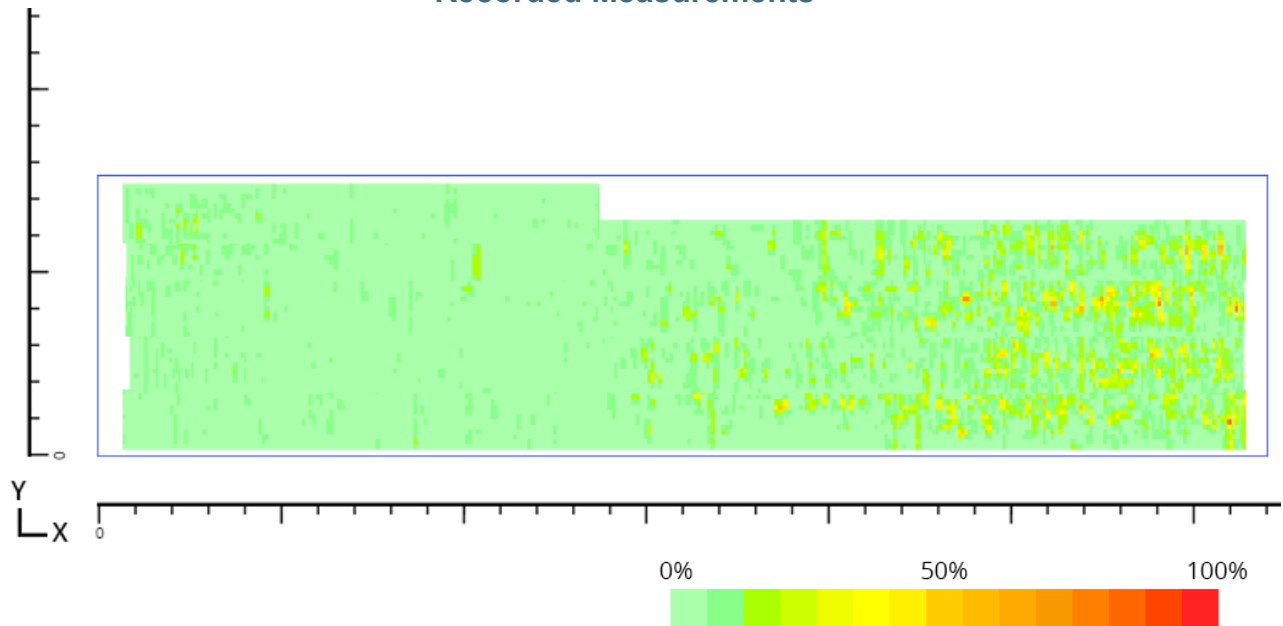
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

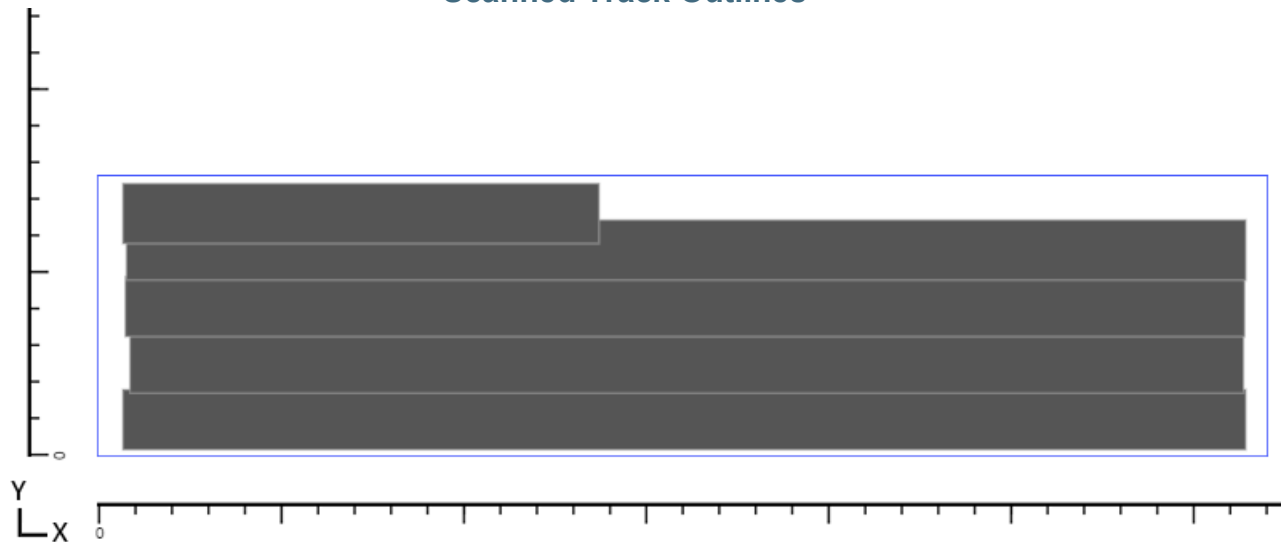




Plate Number 46



Max Signal: 100%

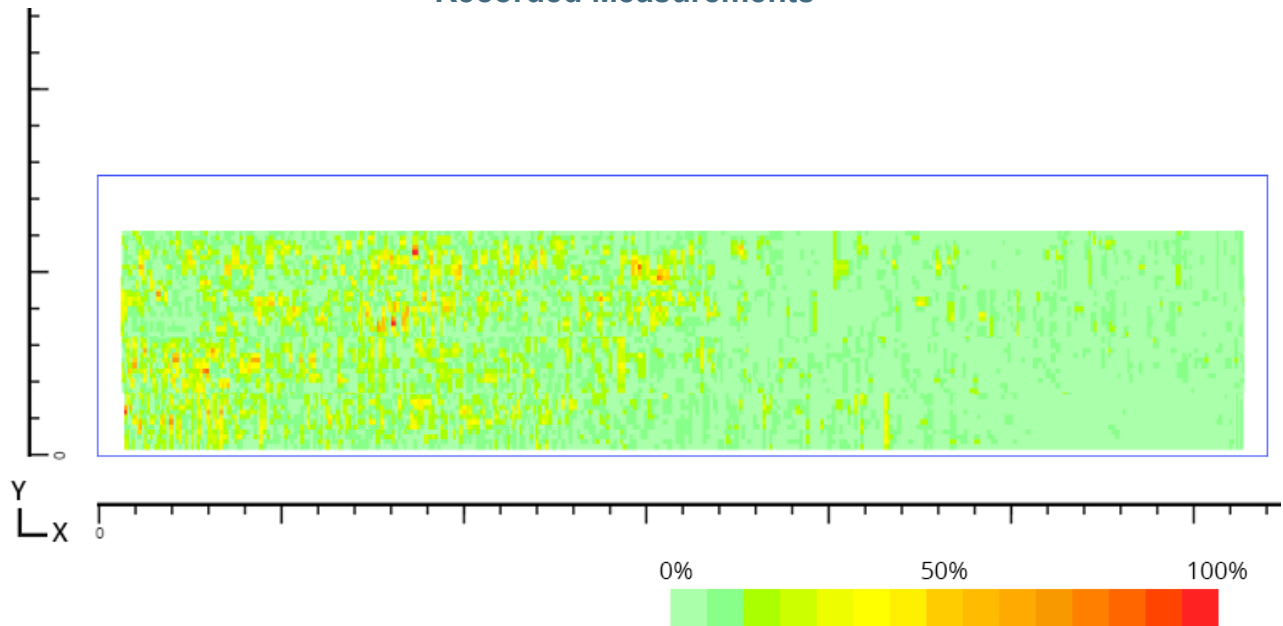
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

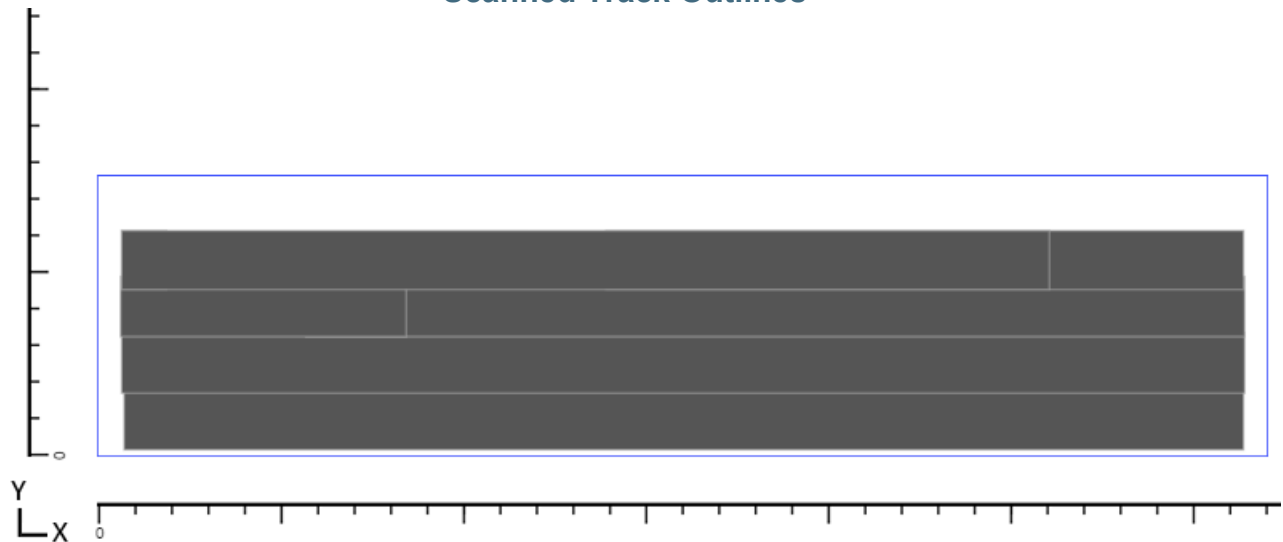




Plate Number 47



Max Signal: 40%

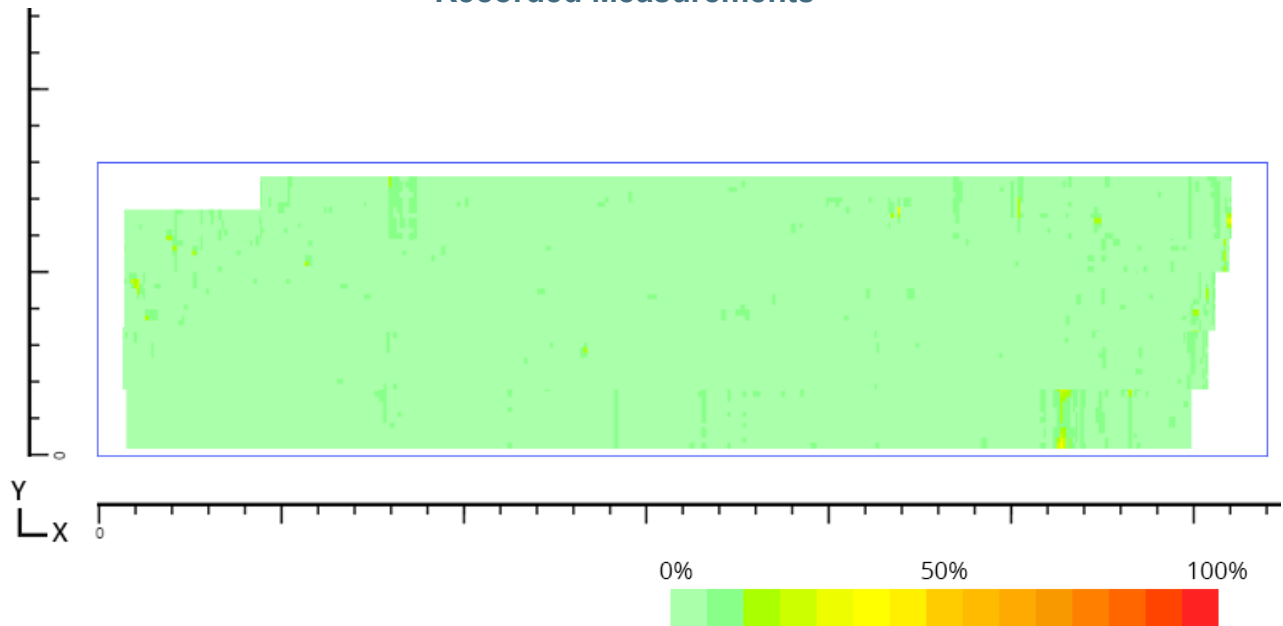
Length (X): 597cm

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

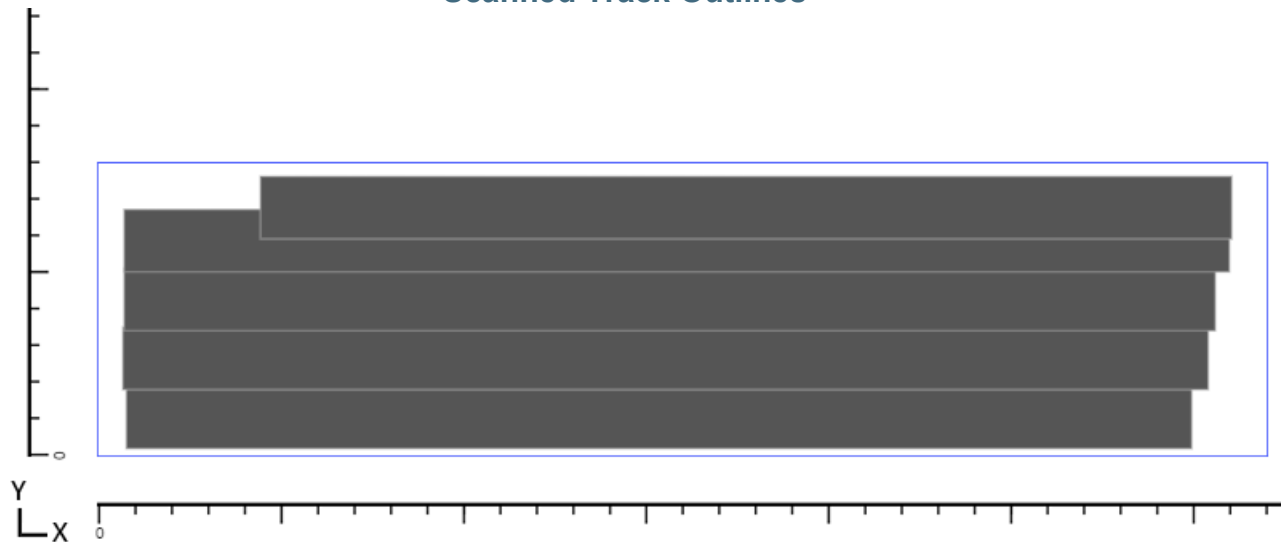




Plate Number 48



Max Signal: 40%

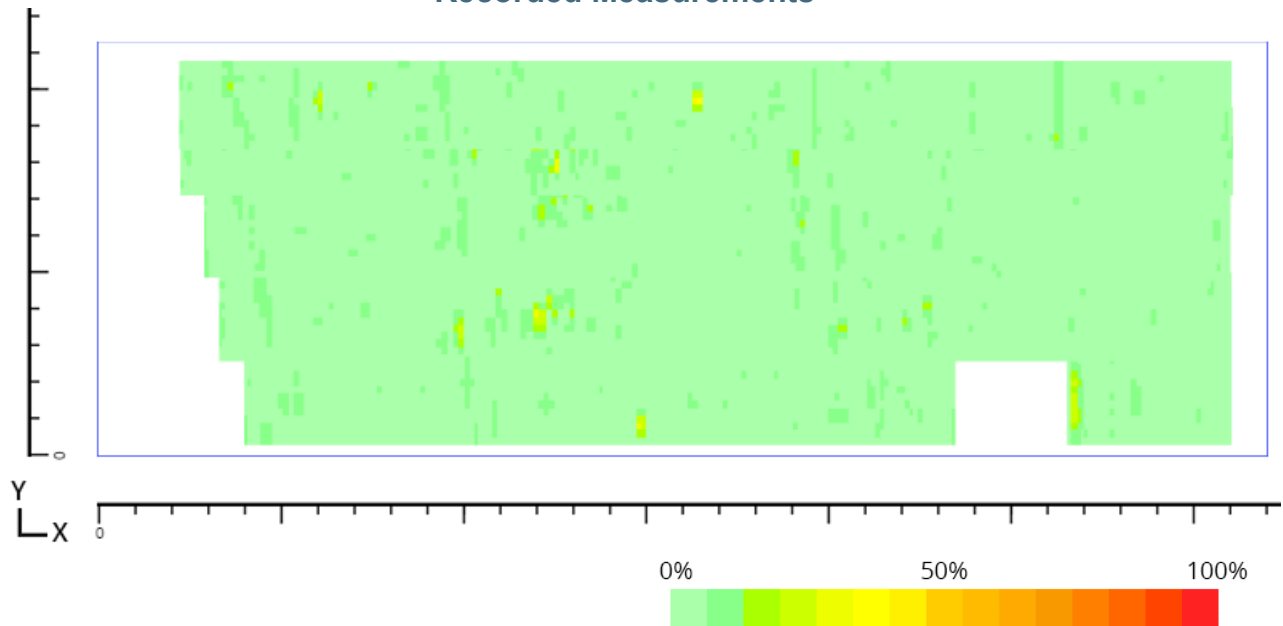
Length (X):
423.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

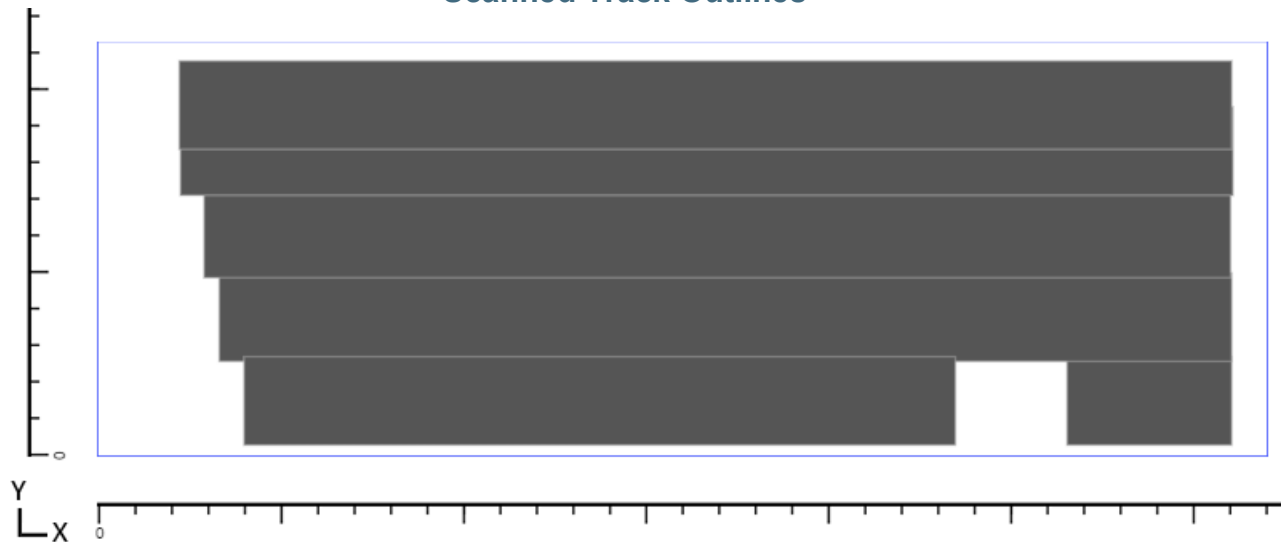




Plate Number 49

Max Signal: 40%

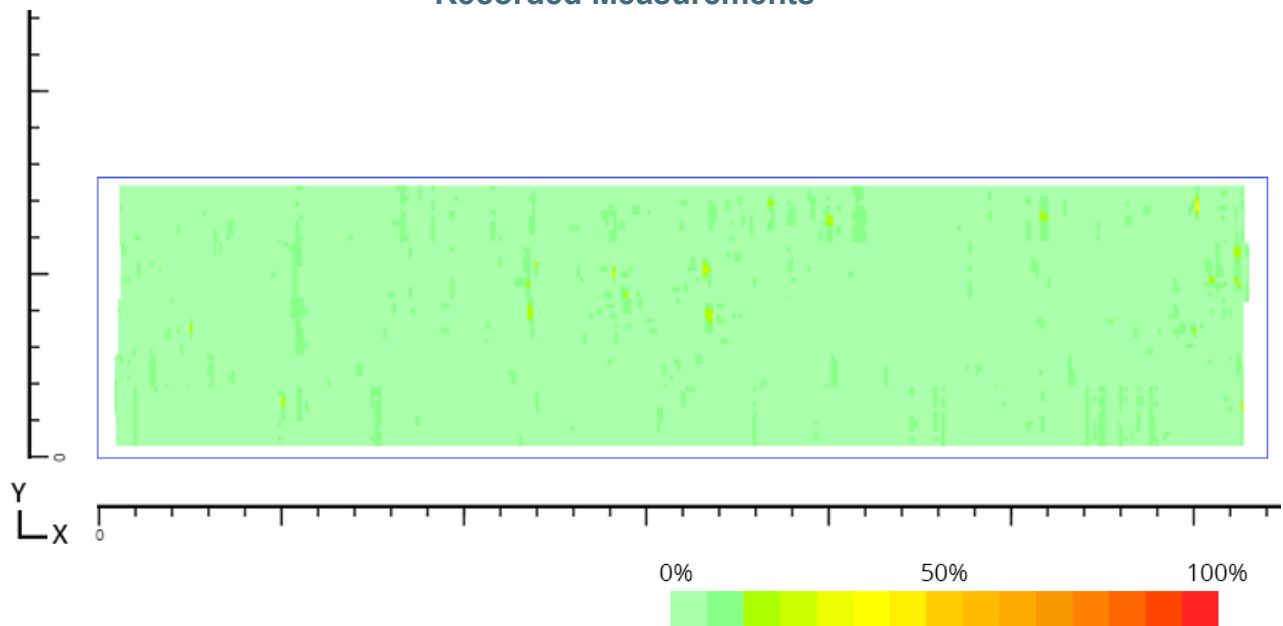
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

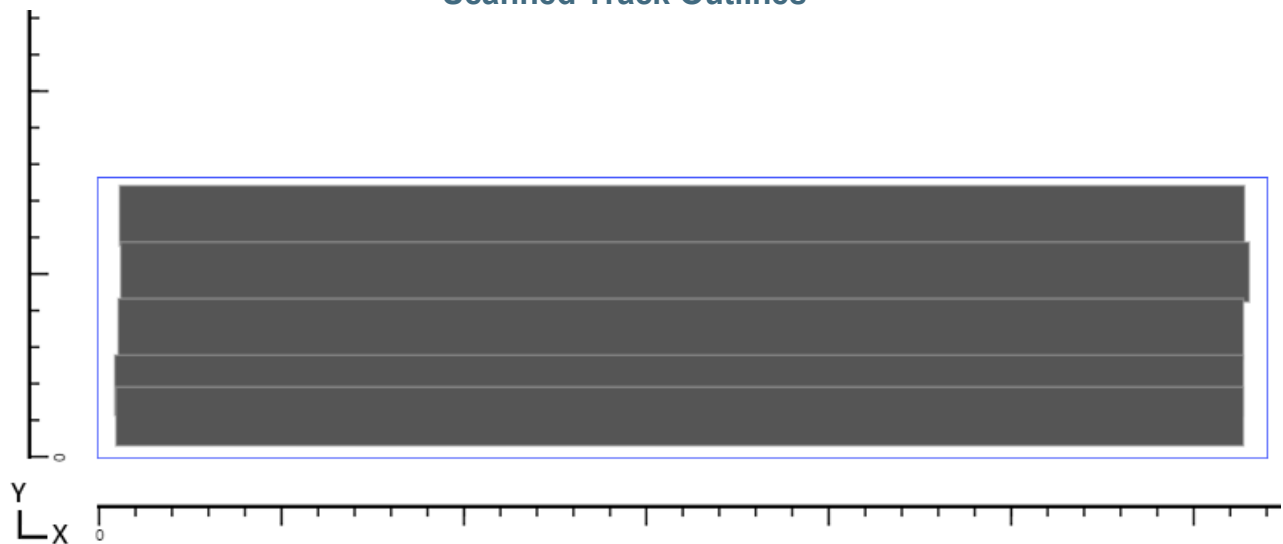




Plate Number 50



Max Signal: 53.3%

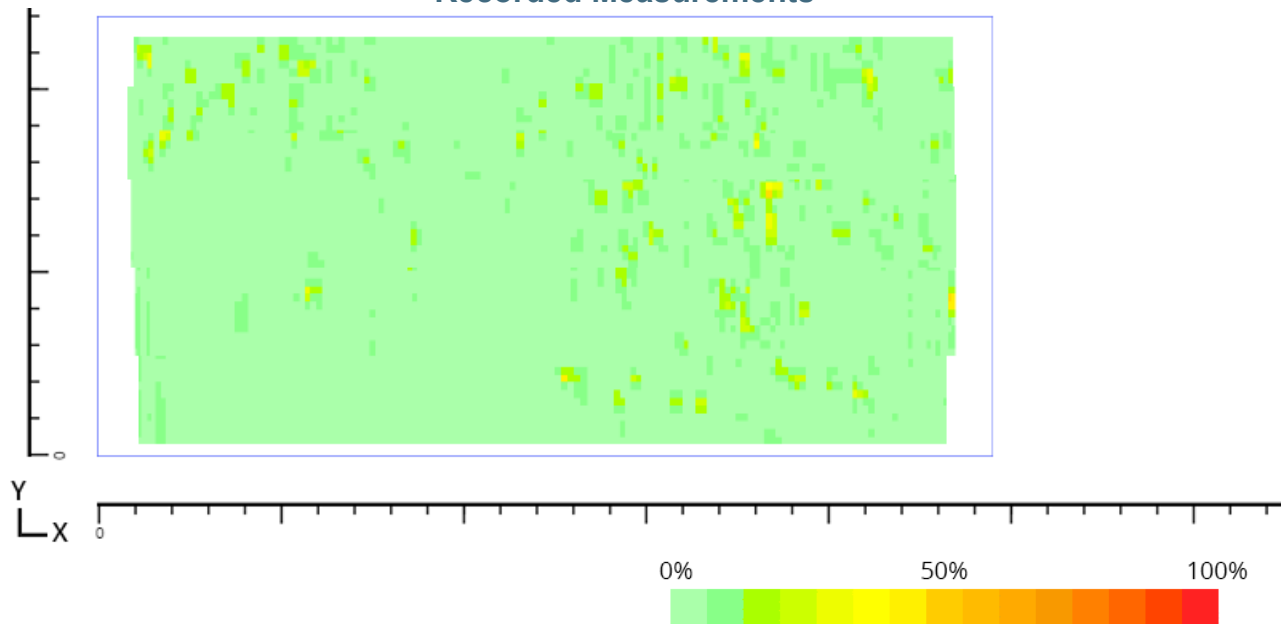
Length (X): 305cm

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

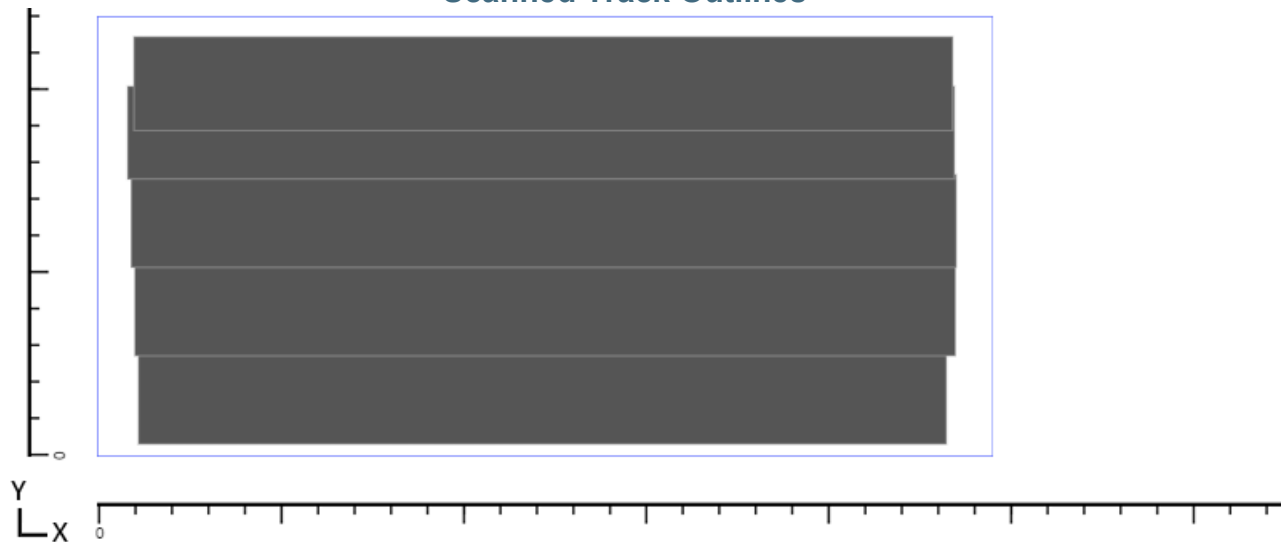




Plate Number 51



Max Signal: 66.7%

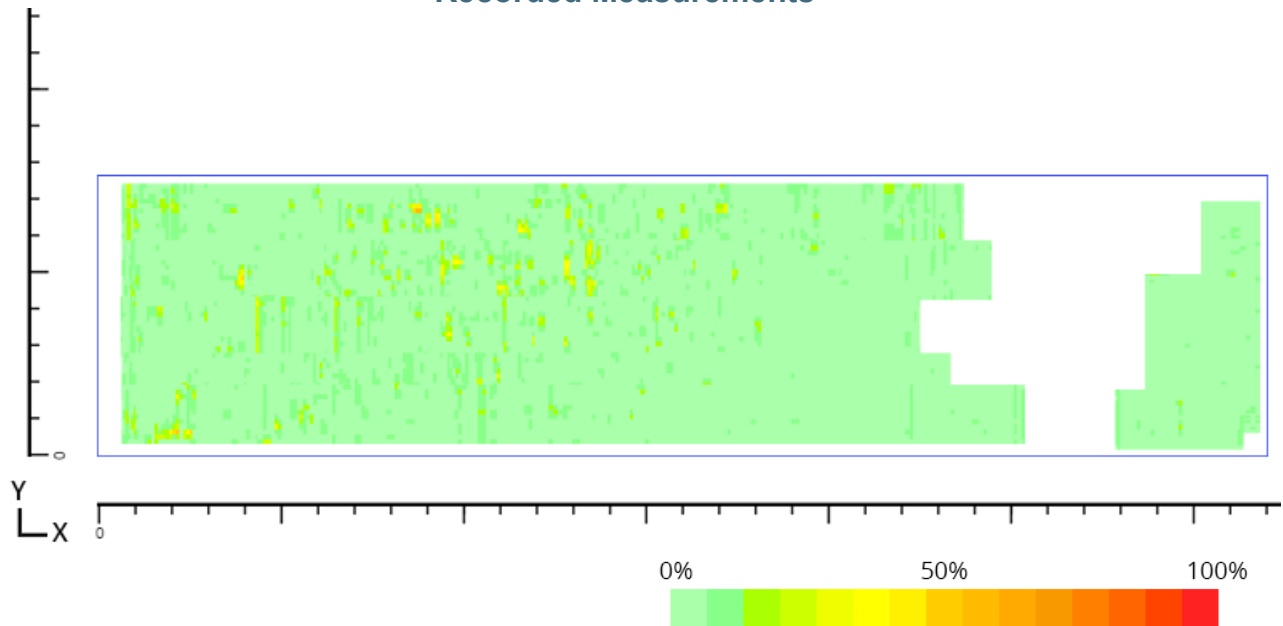
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

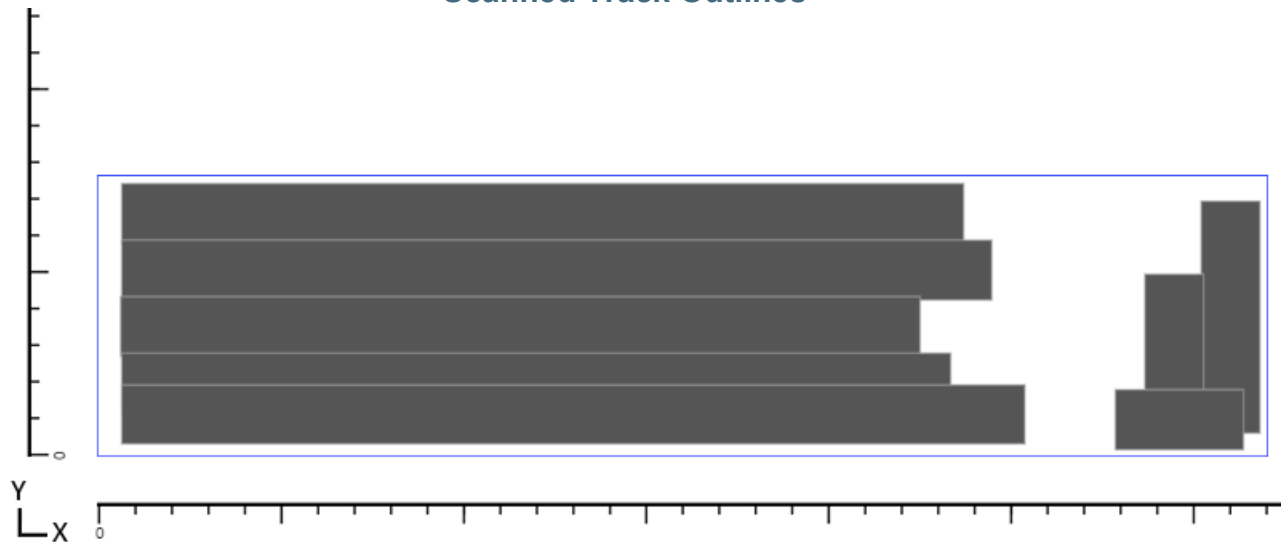




Plate Number 52



Max Signal: 46.7%

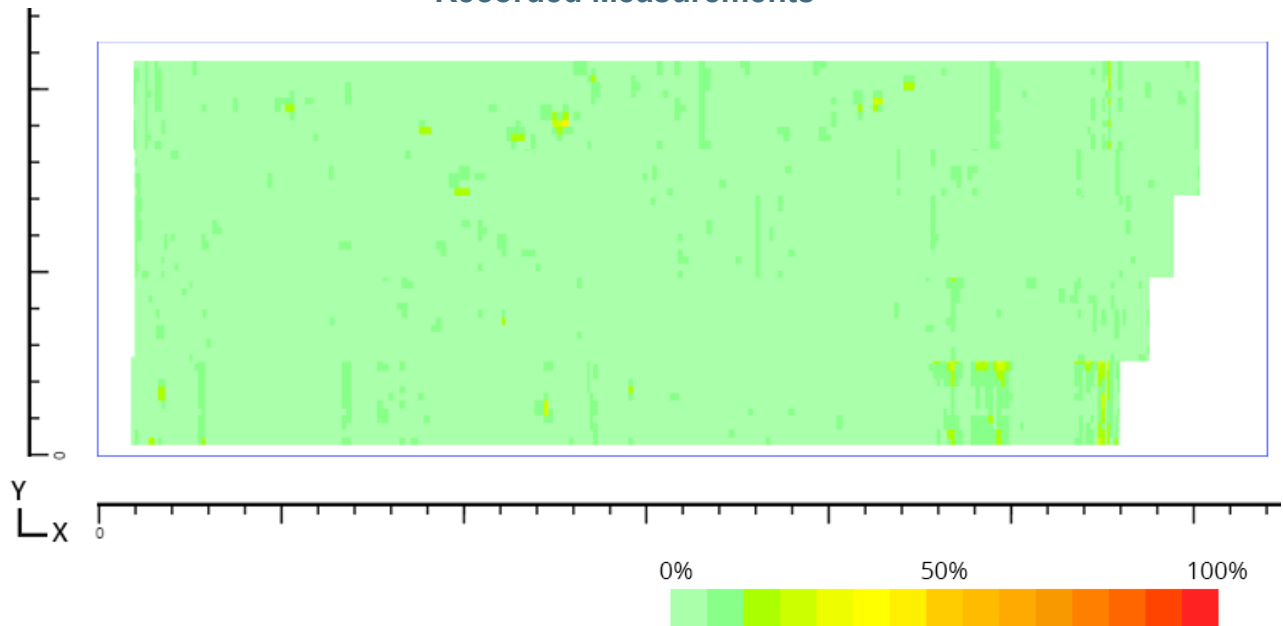
Length (X):
423.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

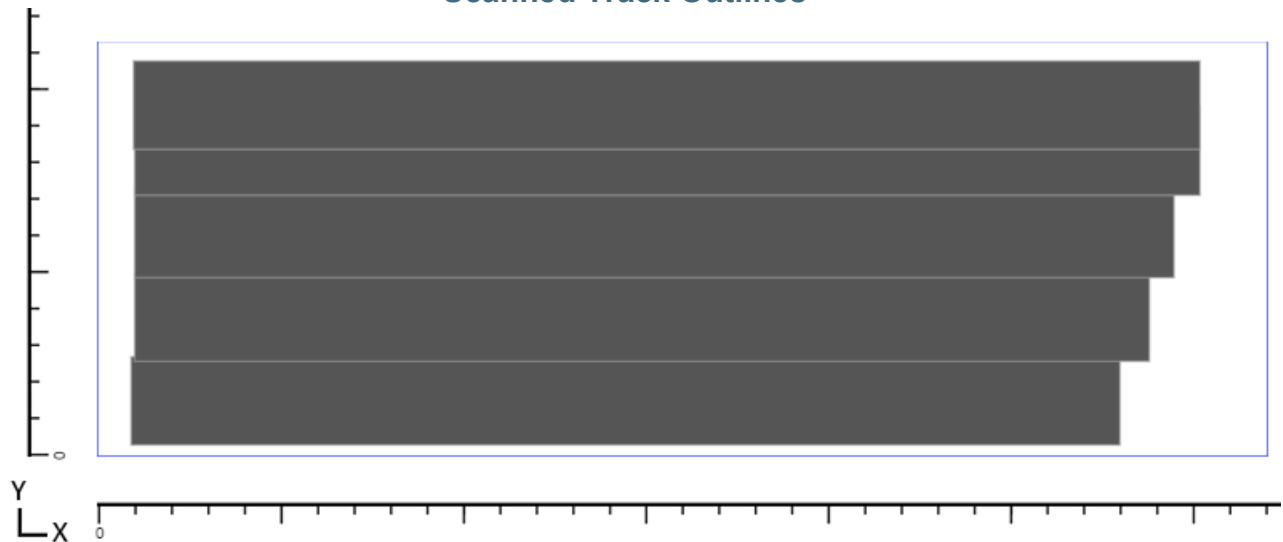




Plate Number 53



Max Signal: 46.7%

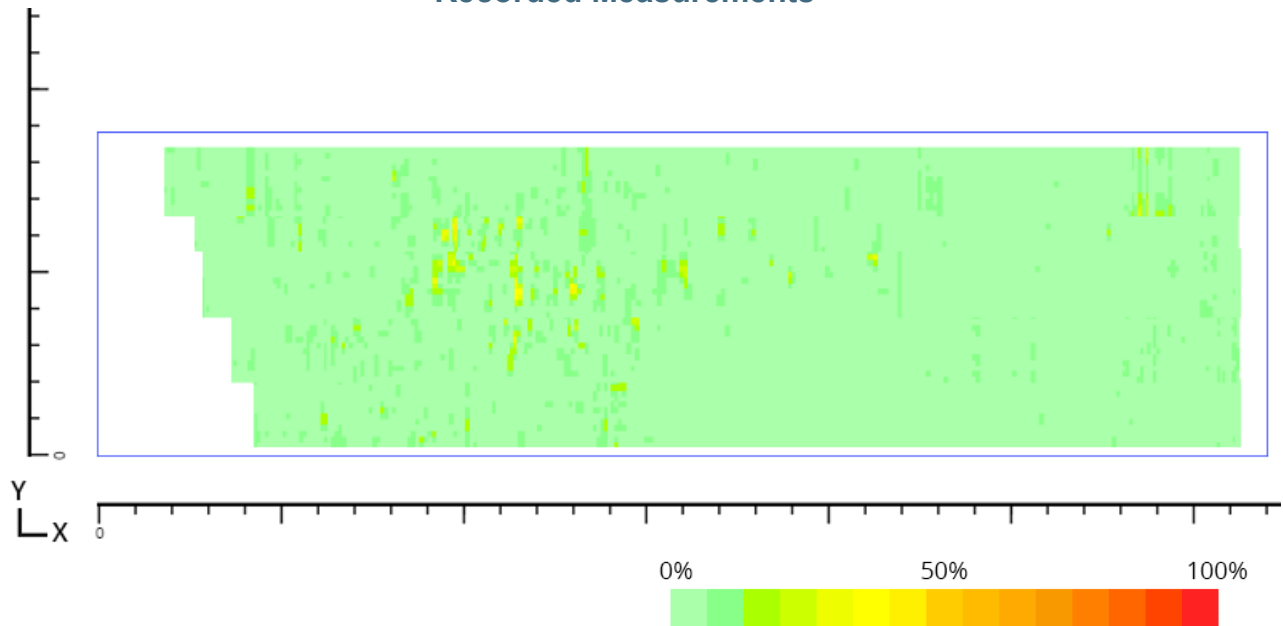
Length (X): 540cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

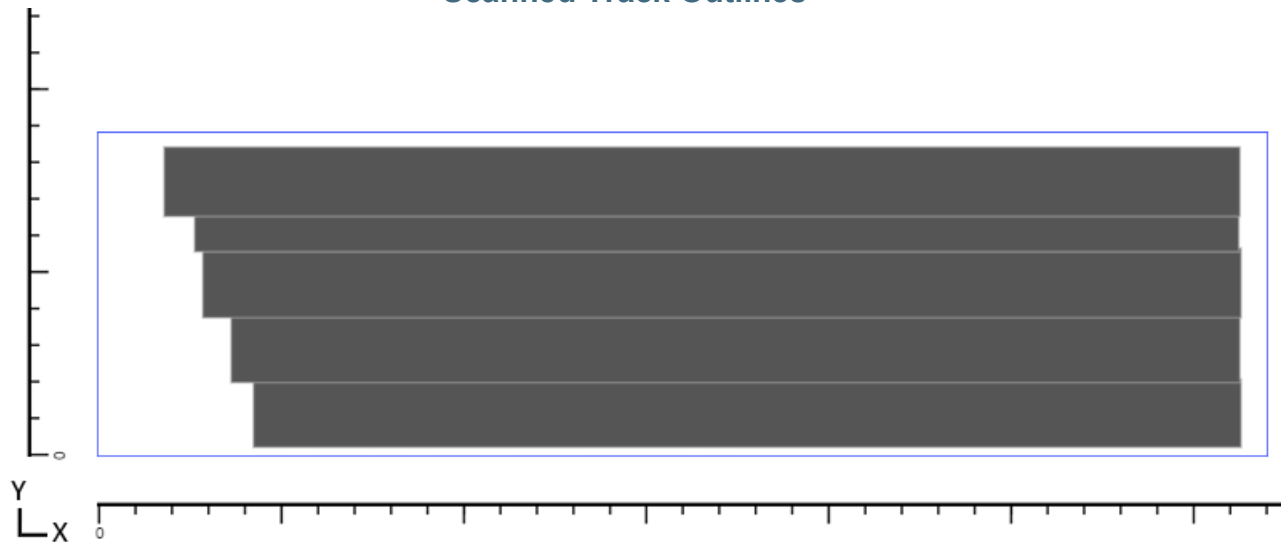




Plate Number 54



Max Signal: 26.7%

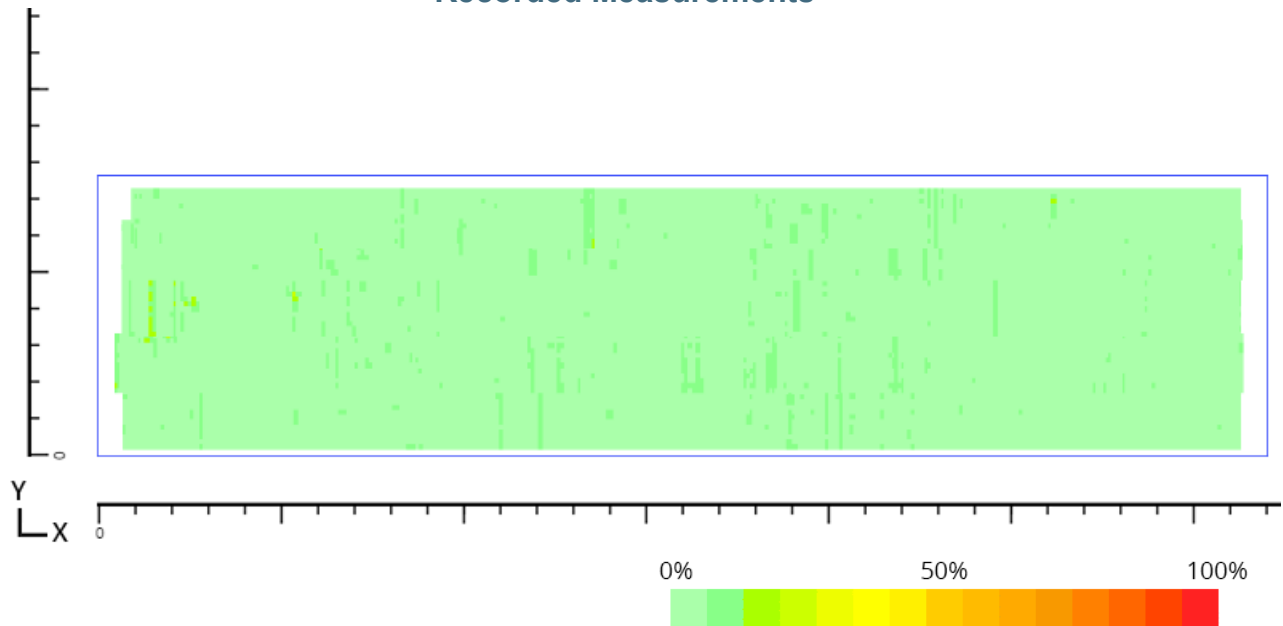
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

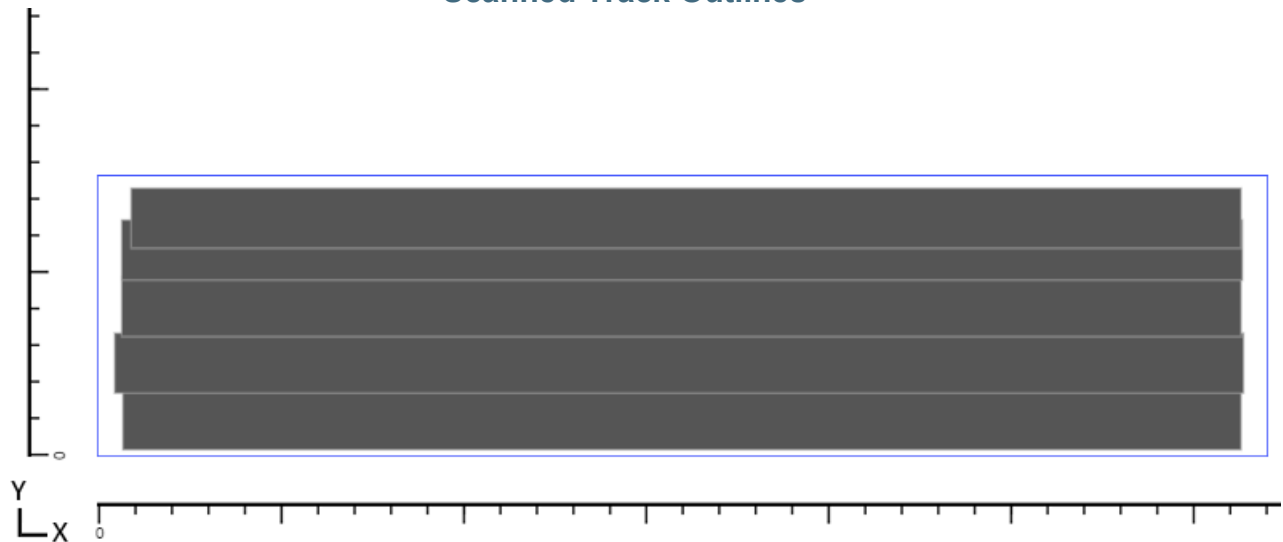




Plate Number 55



Max Signal: 46.7%

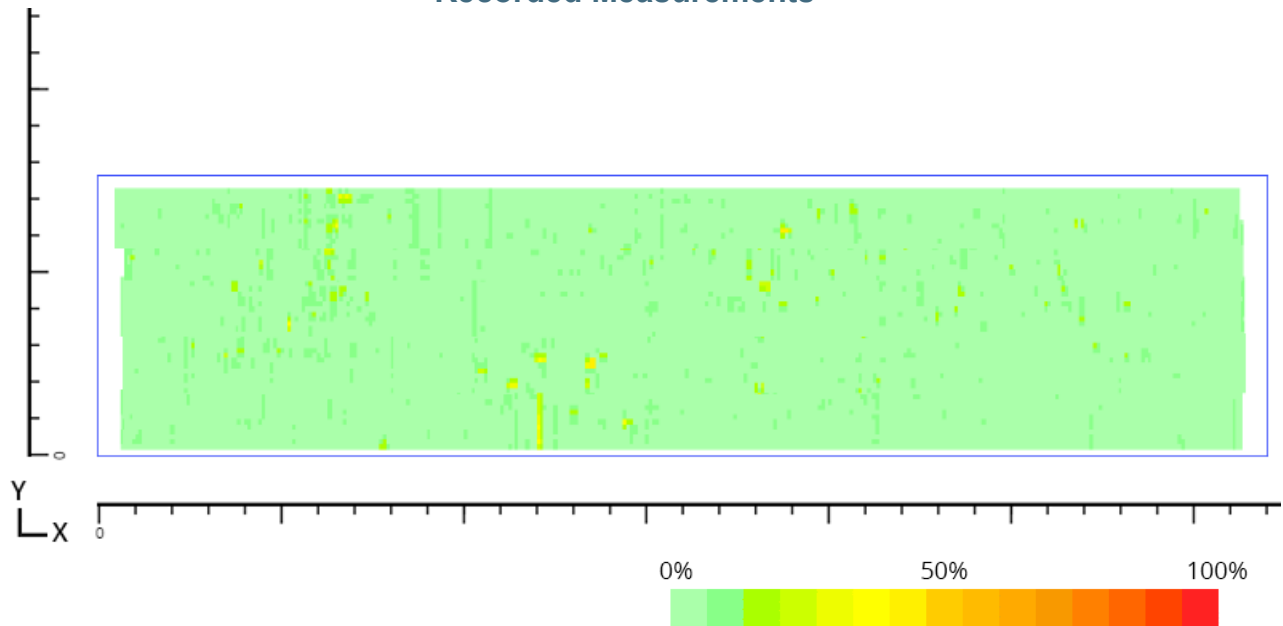
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

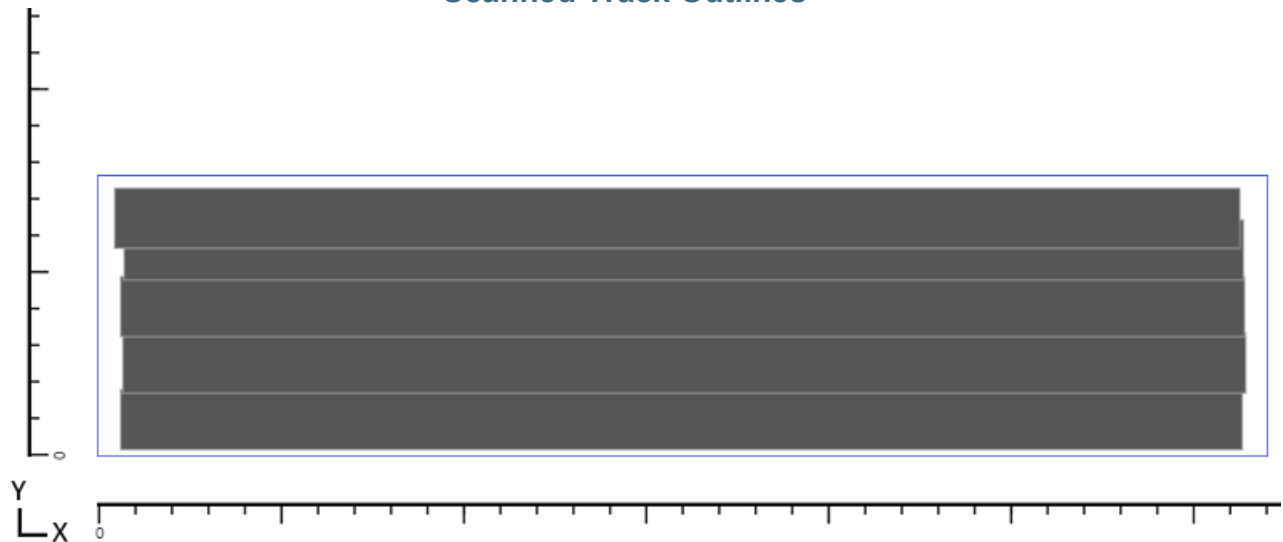




Plate Number 56

Max Signal: 46.7%

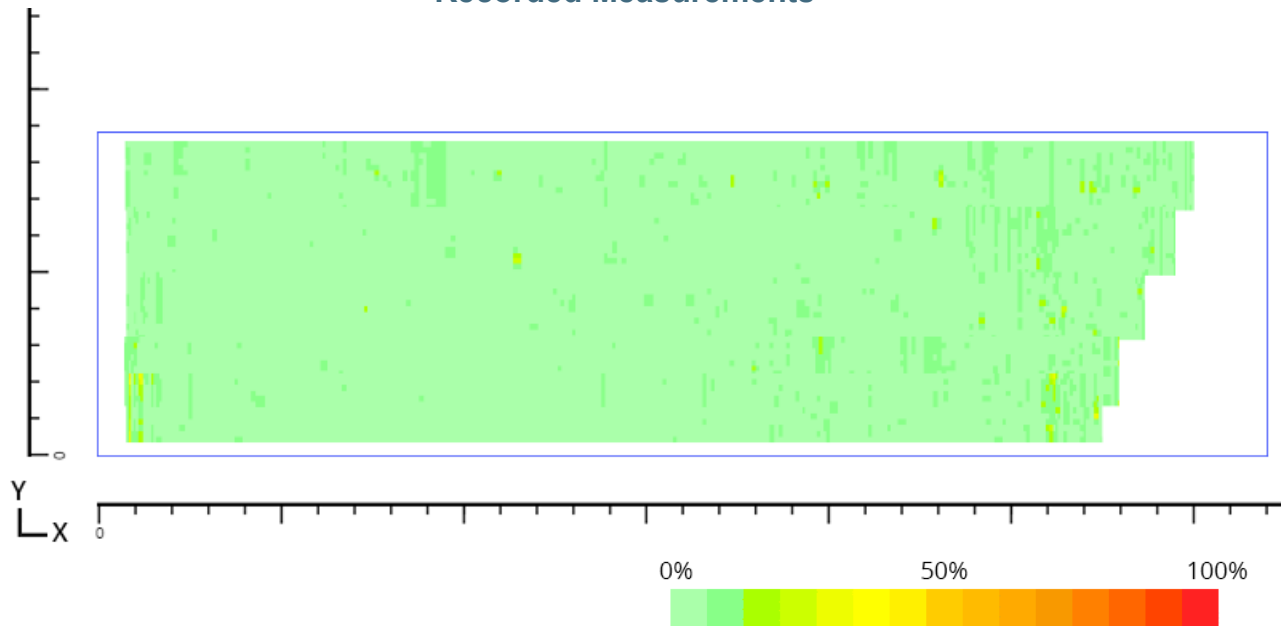
Length (X): 540cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

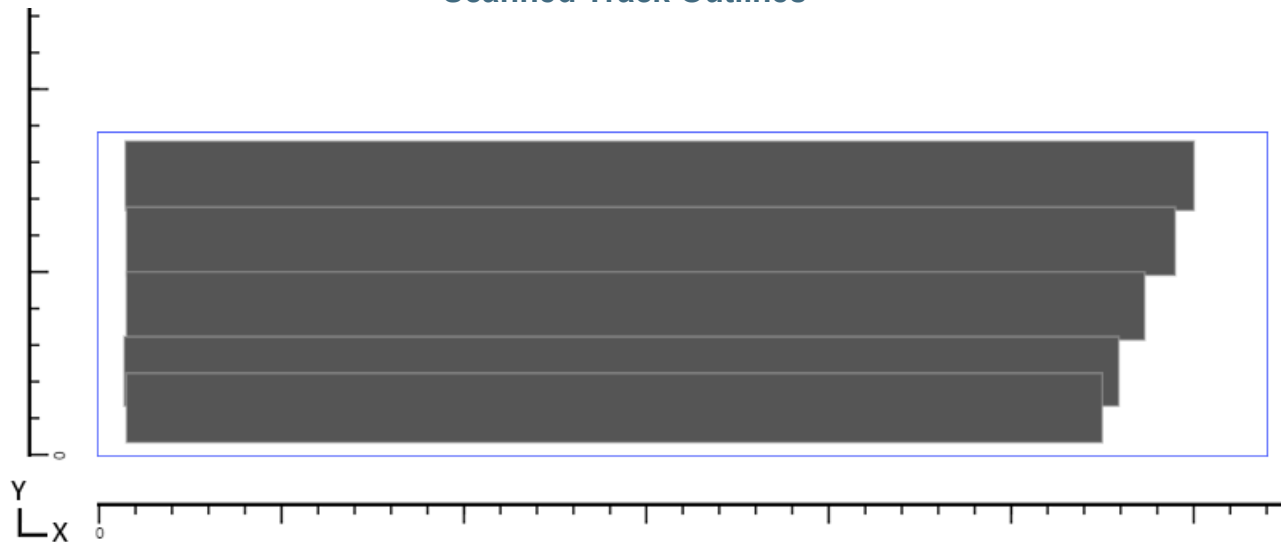




Plate Number 57



Max Signal: 40%

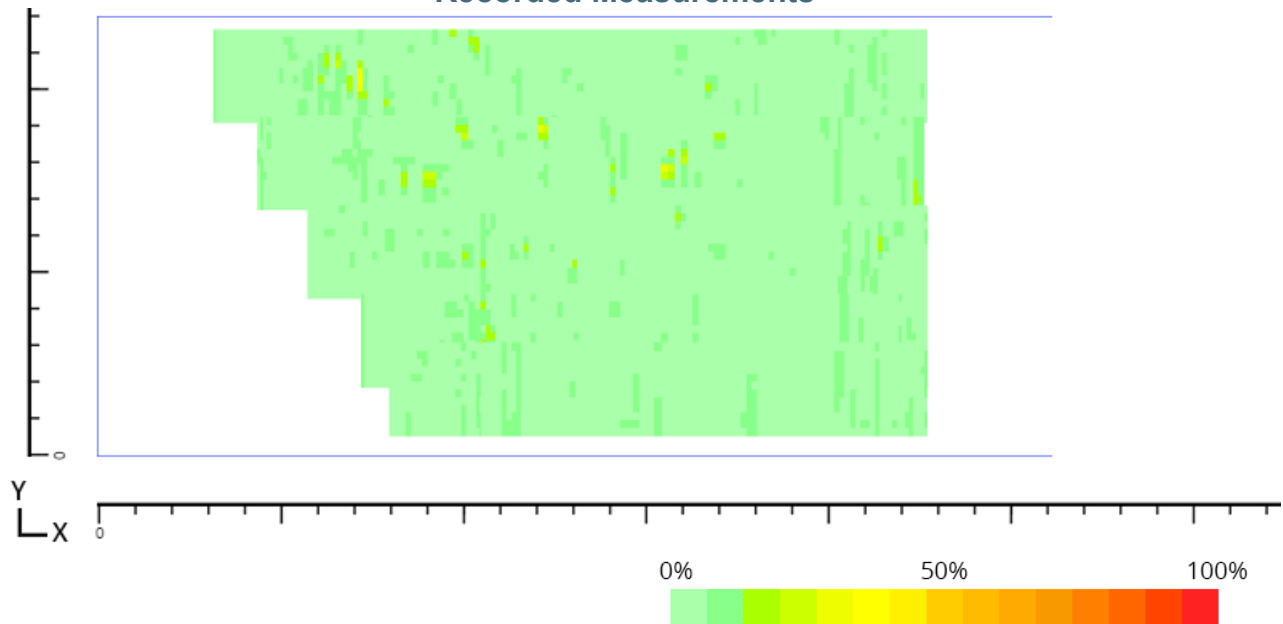
Length (X):
326.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

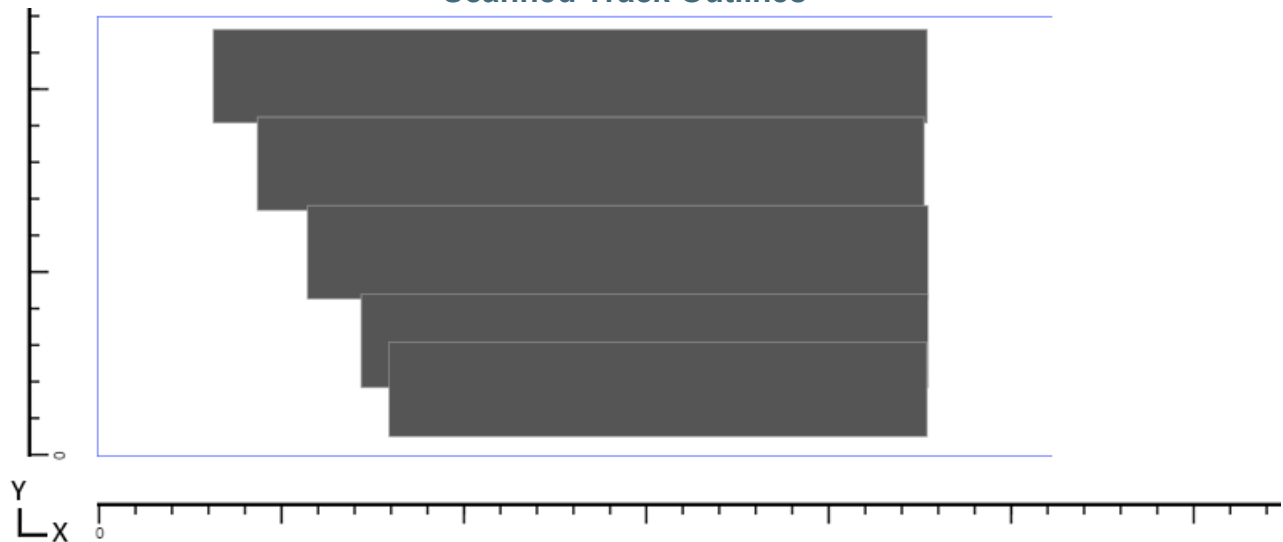




Plate Number 58



Max Signal: 46.7%

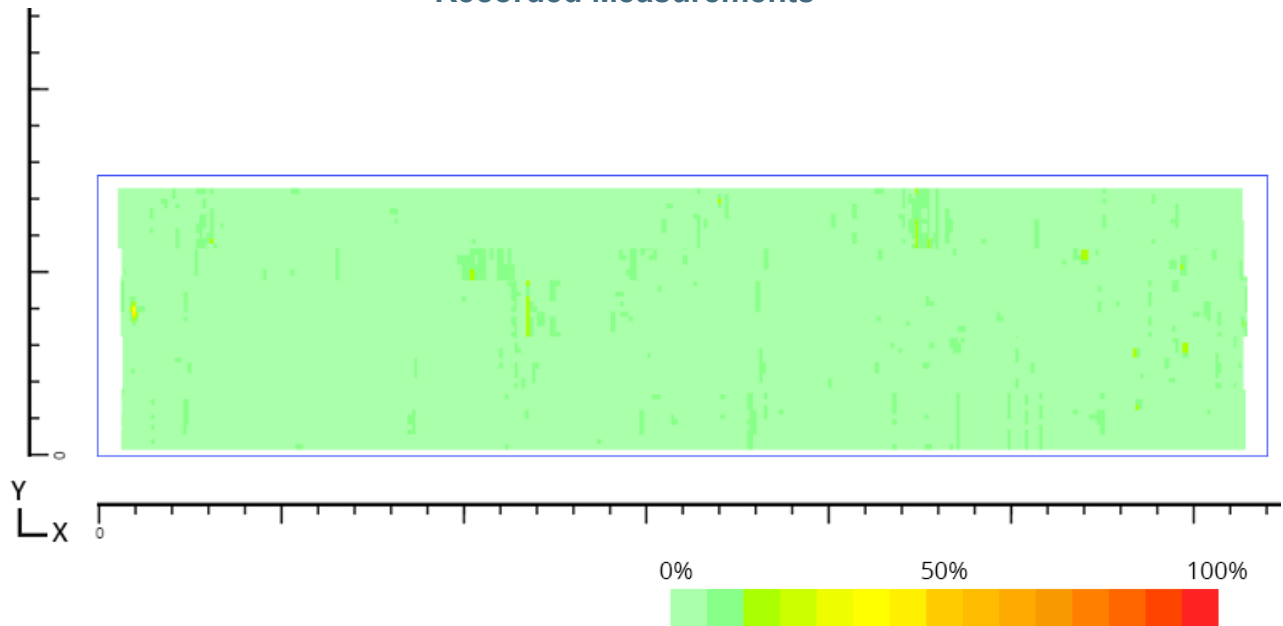
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

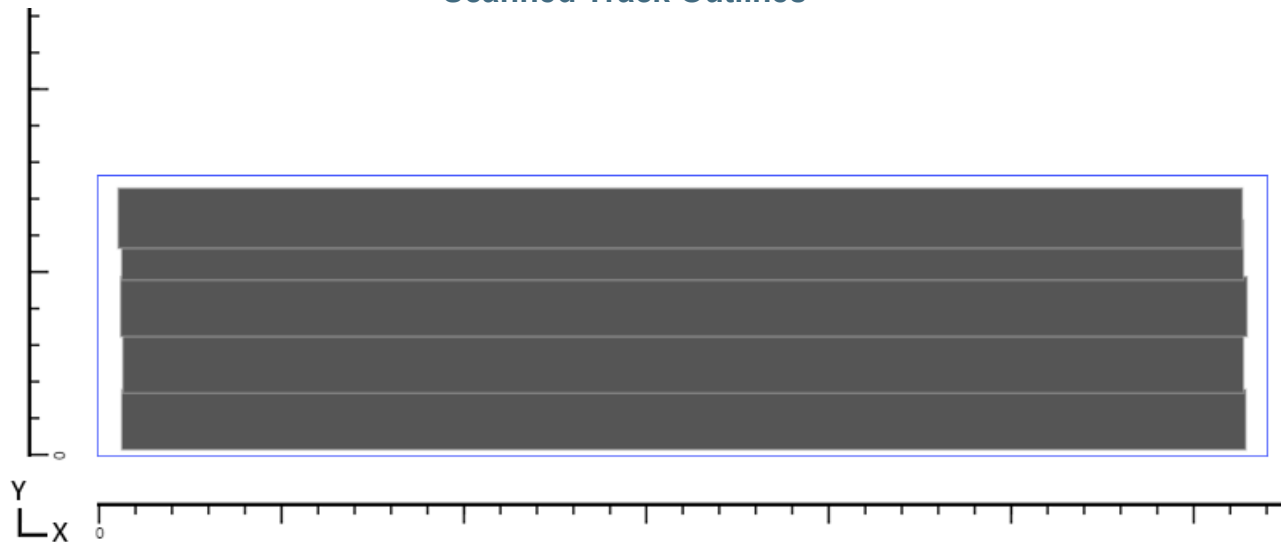




Plate Number 59

Max Signal: 26.7%

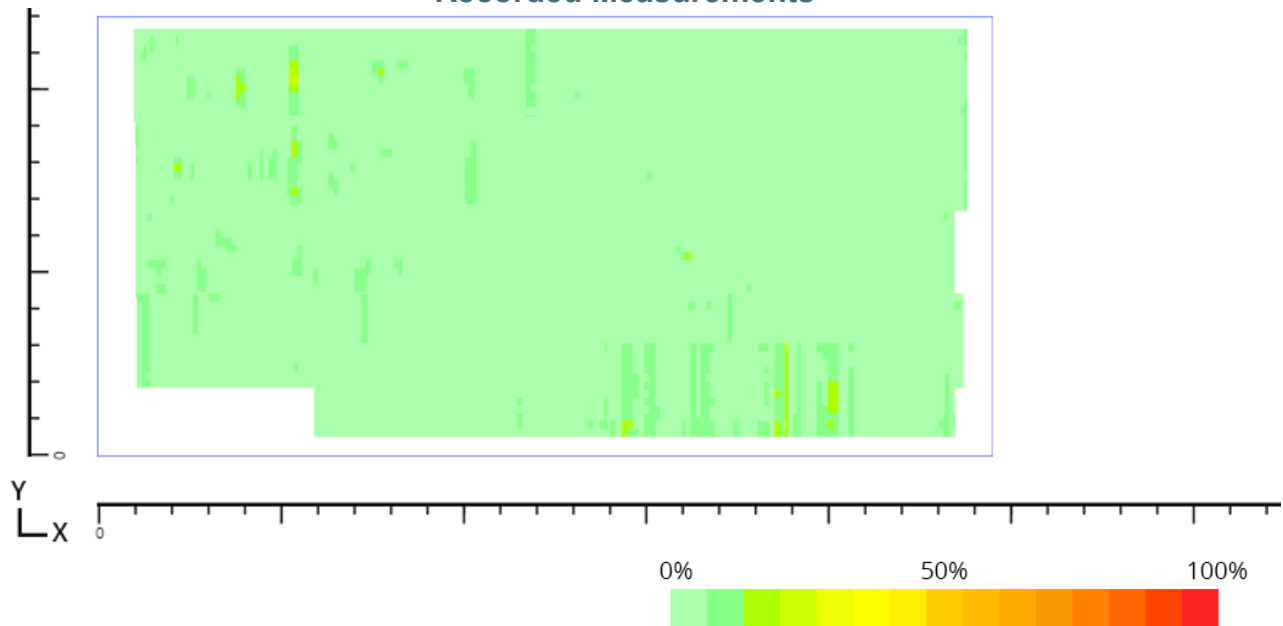
Length (X): 305cm

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

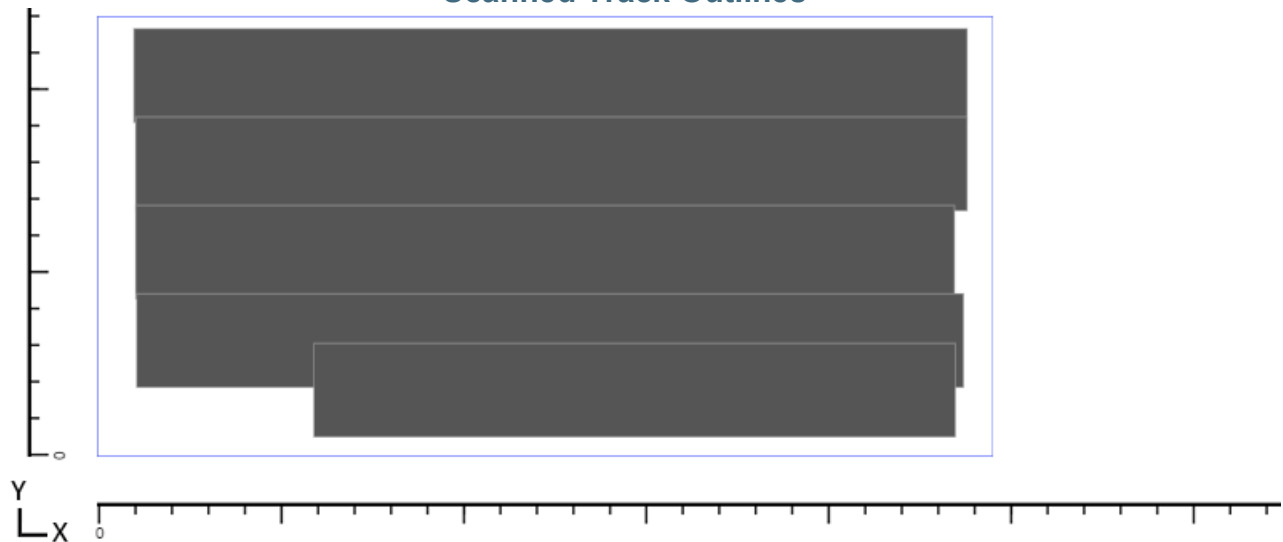




Plate Number 60

Max Signal: 40%

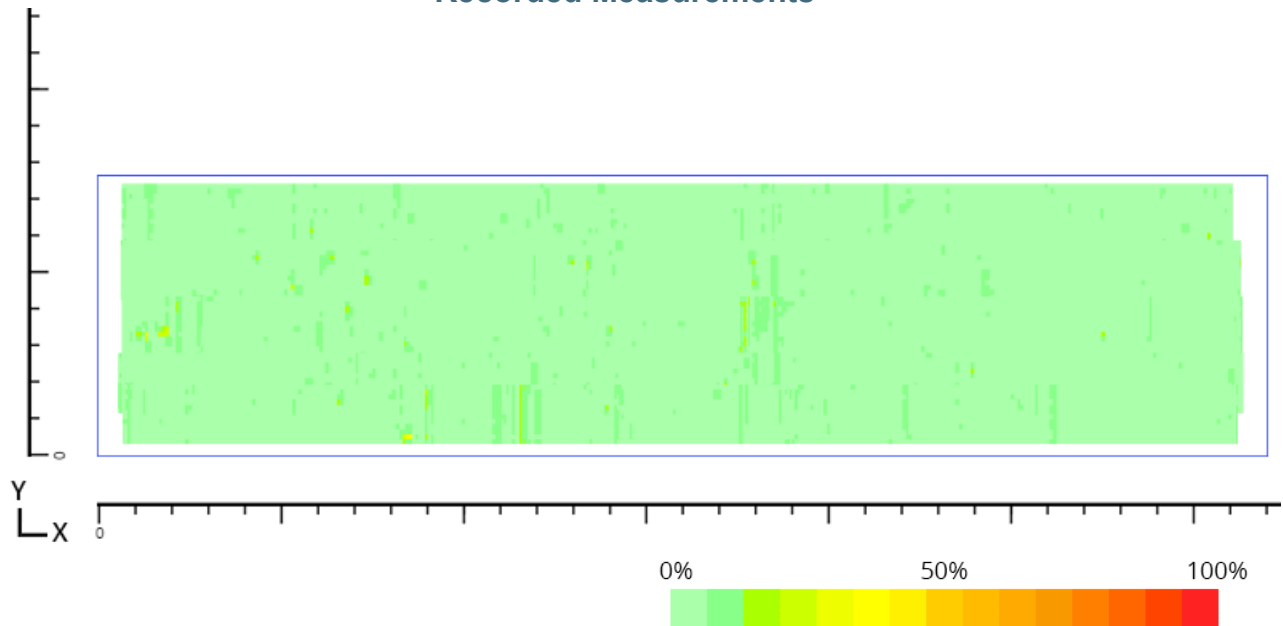
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

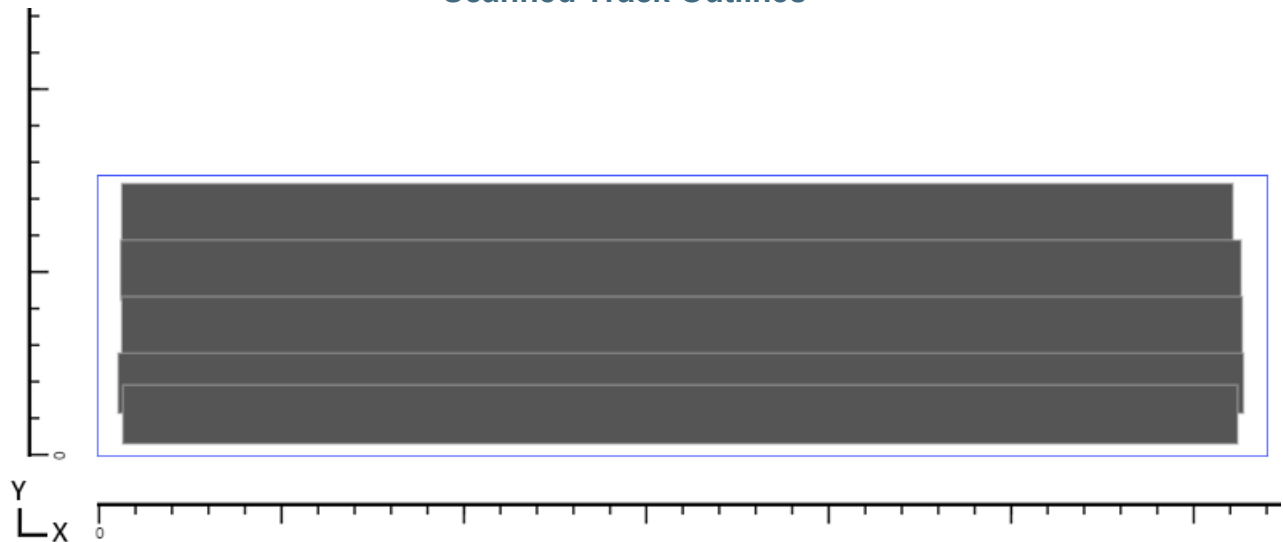




Plate Number 61



Max Signal: 33.3%

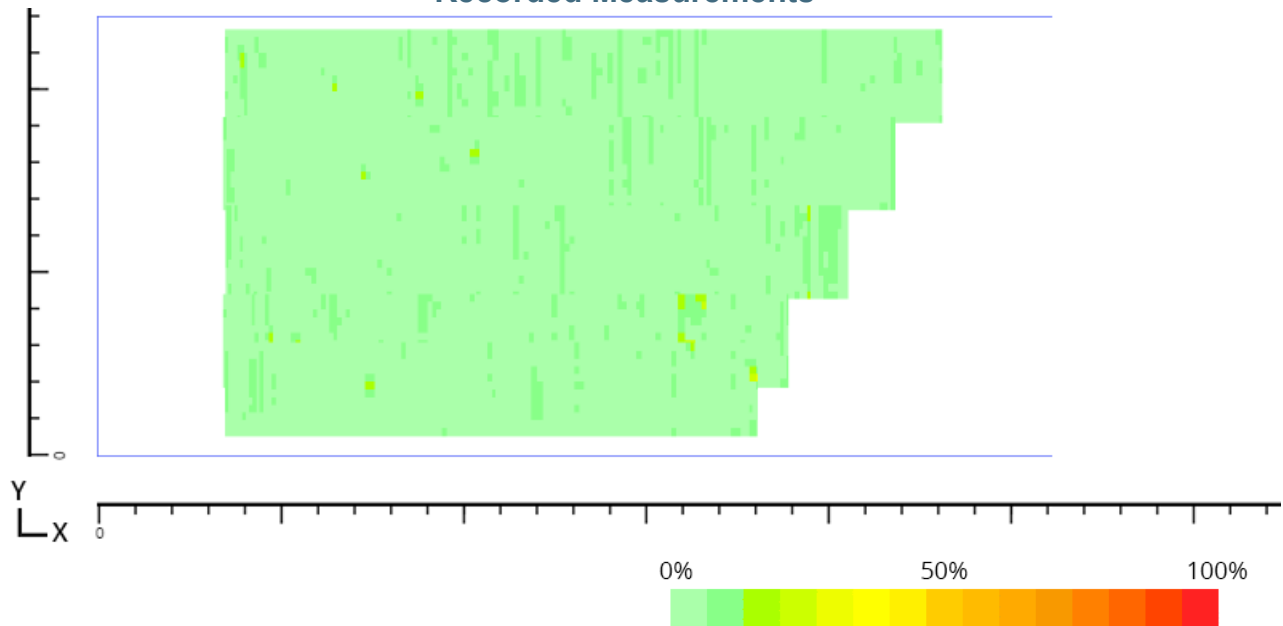
**Length (X):
326.01cm**

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

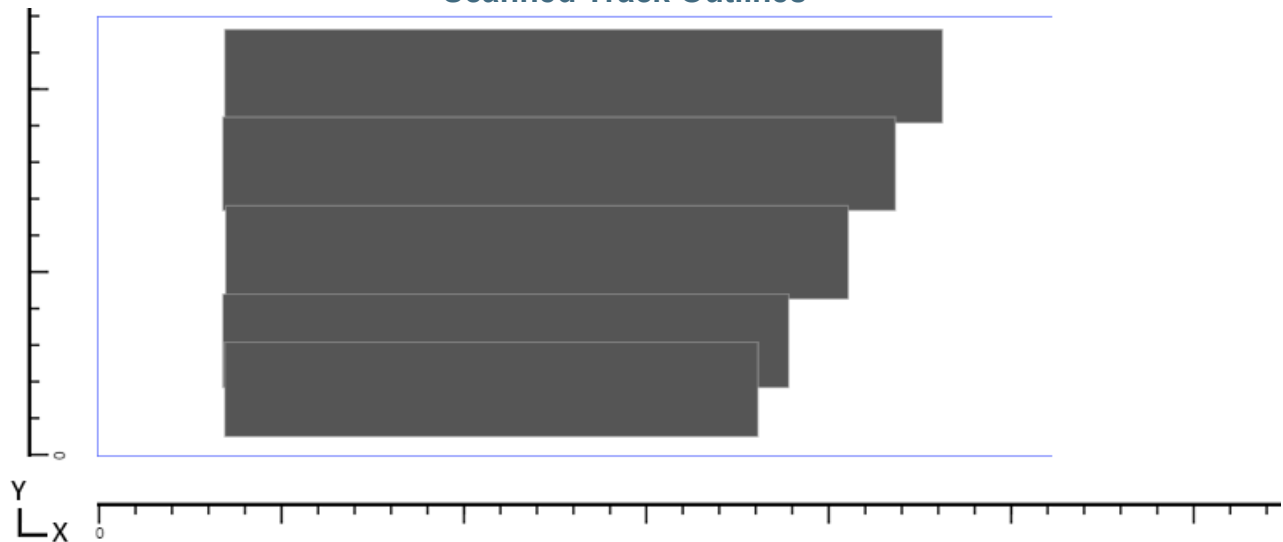




Plate Number 62



Max Signal: 46.7%

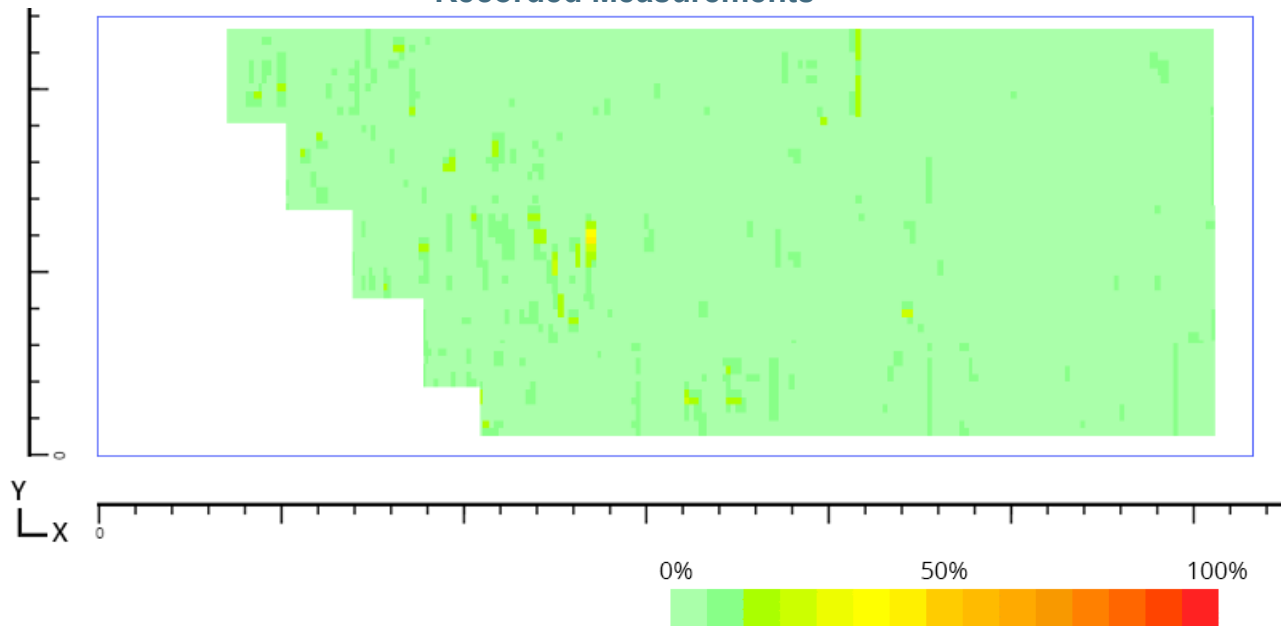
Length (X): 394cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

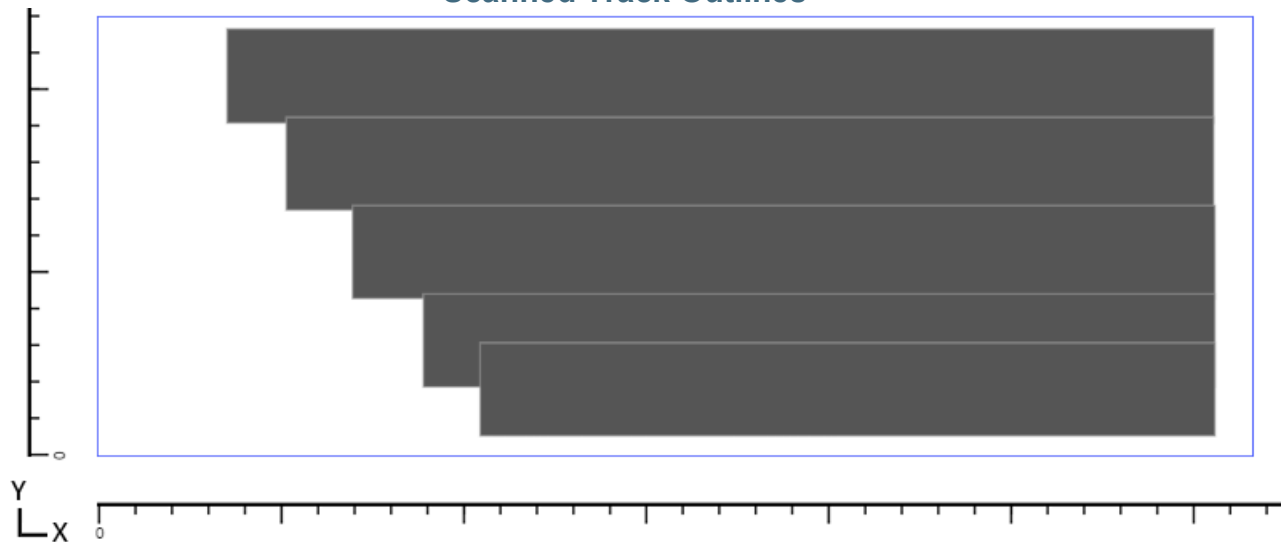




Plate Number 63



Max Signal: 20%

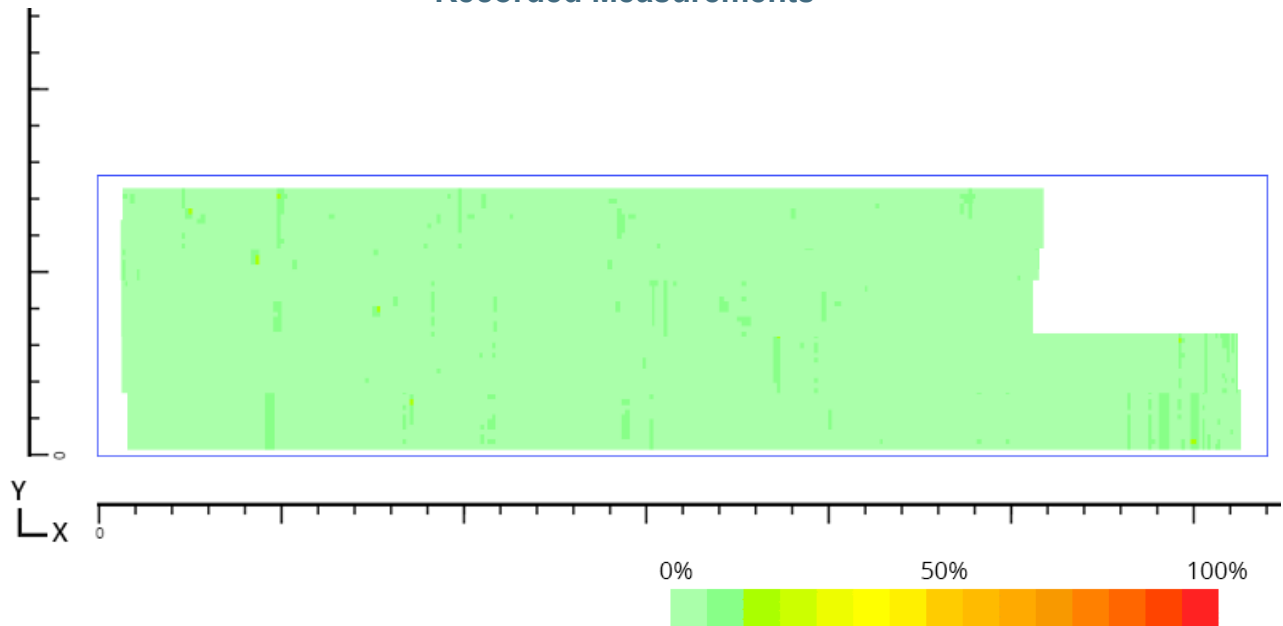
Length (X):
623.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

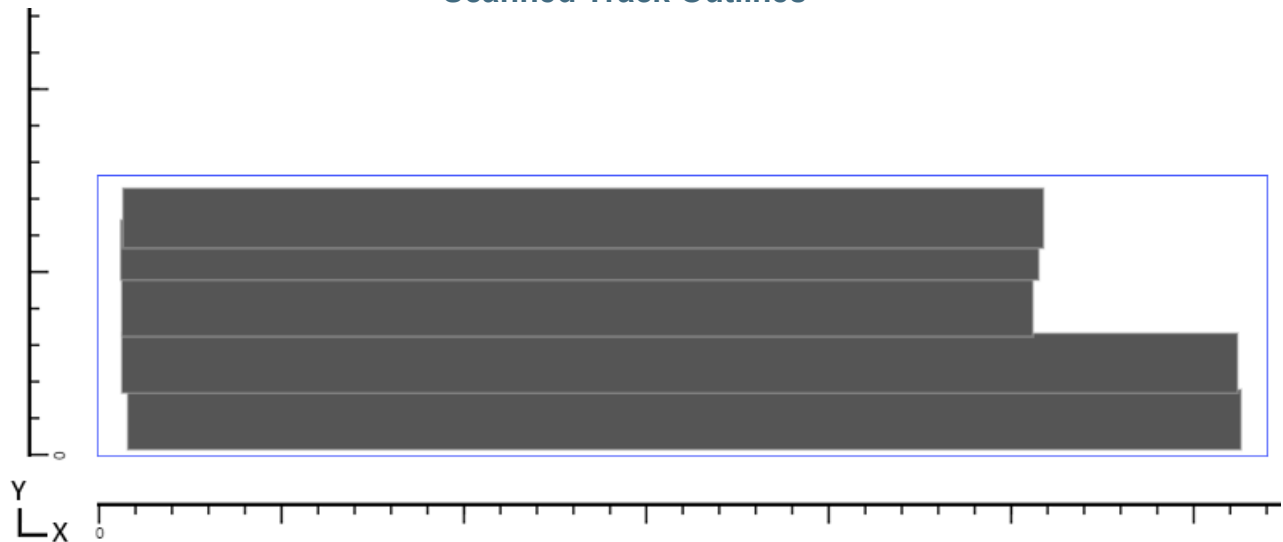




Plate Number 64



Max Signal: 40%

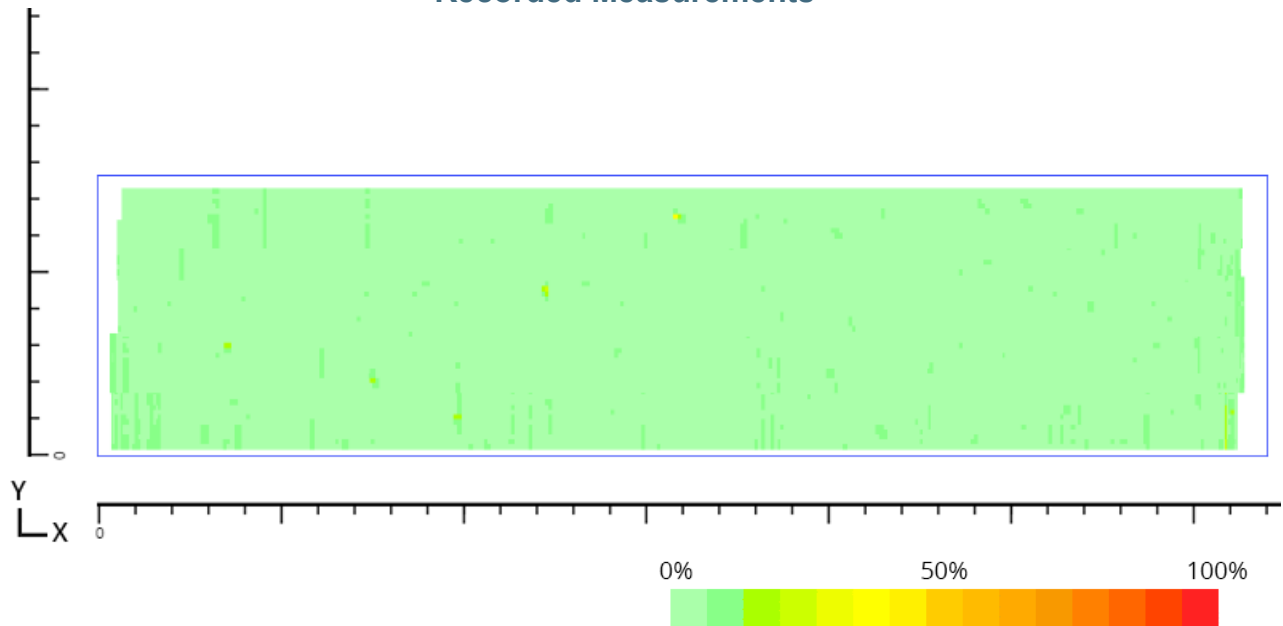
**Length (X):
623.01cm**

**Width (Y):
150.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

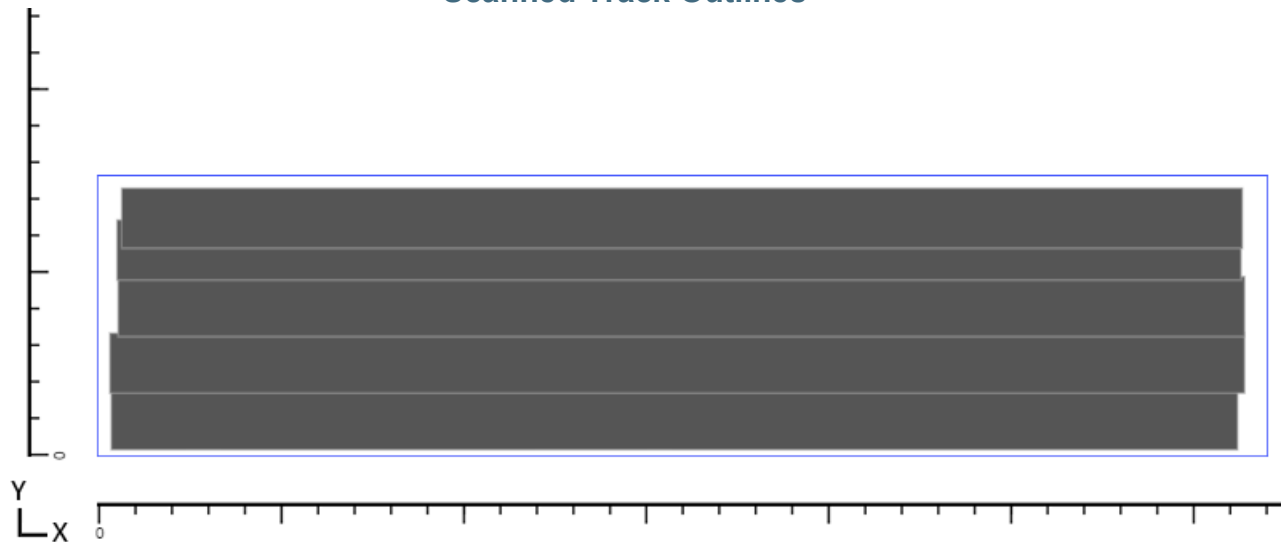




Plate Number 65



Max Signal: 40%

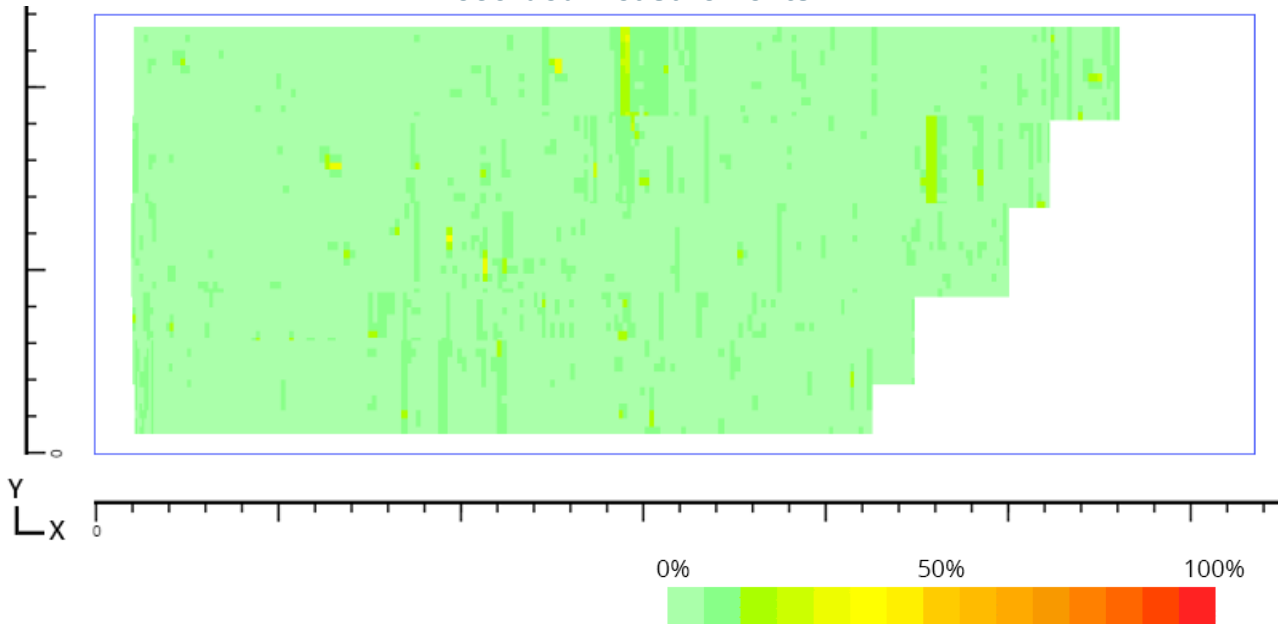
Length (X):
396.01cm

Width (Y):
150.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

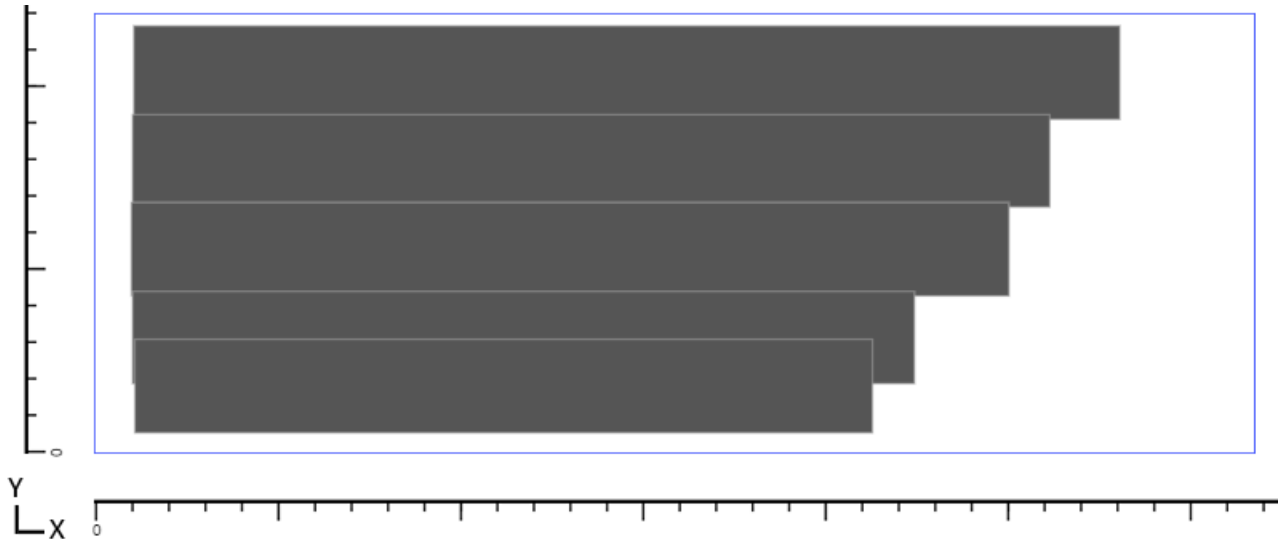
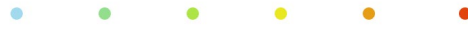




Plate Number 67



Max Signal: 73.3%

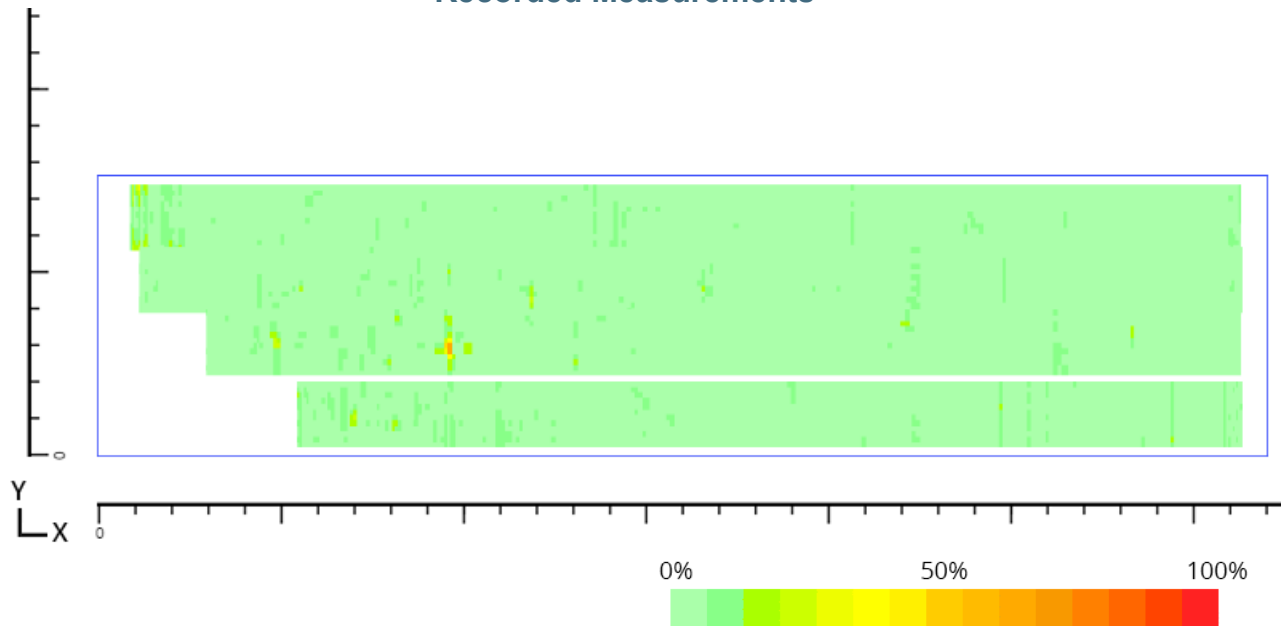
Length (X): 562cm

Width (Y): 135cm

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

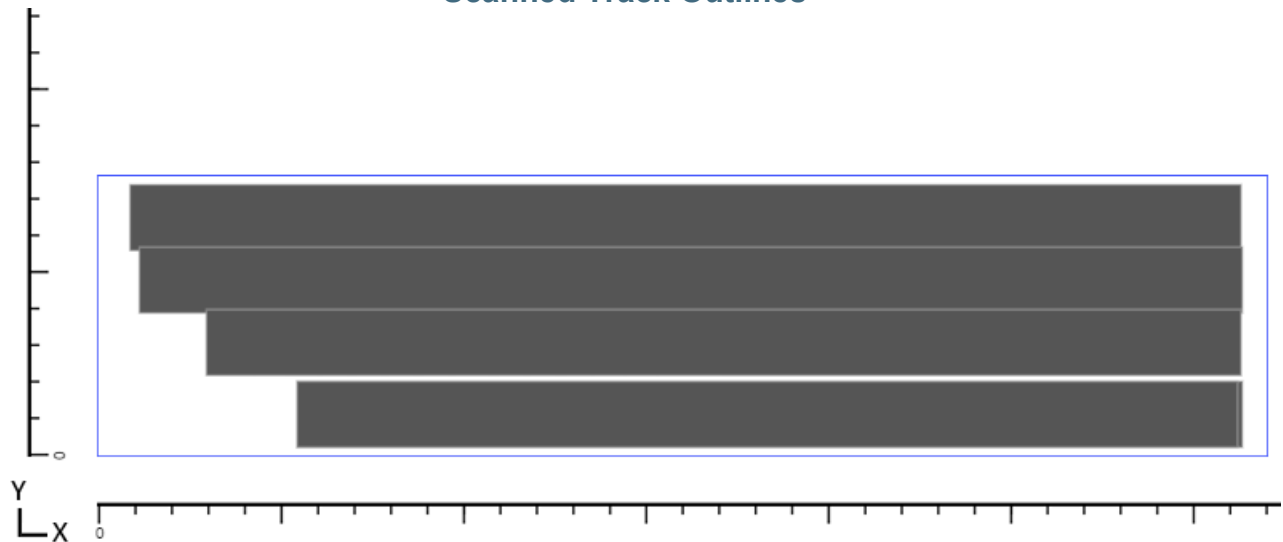




Plate Number 68



Max Signal: 33.3%

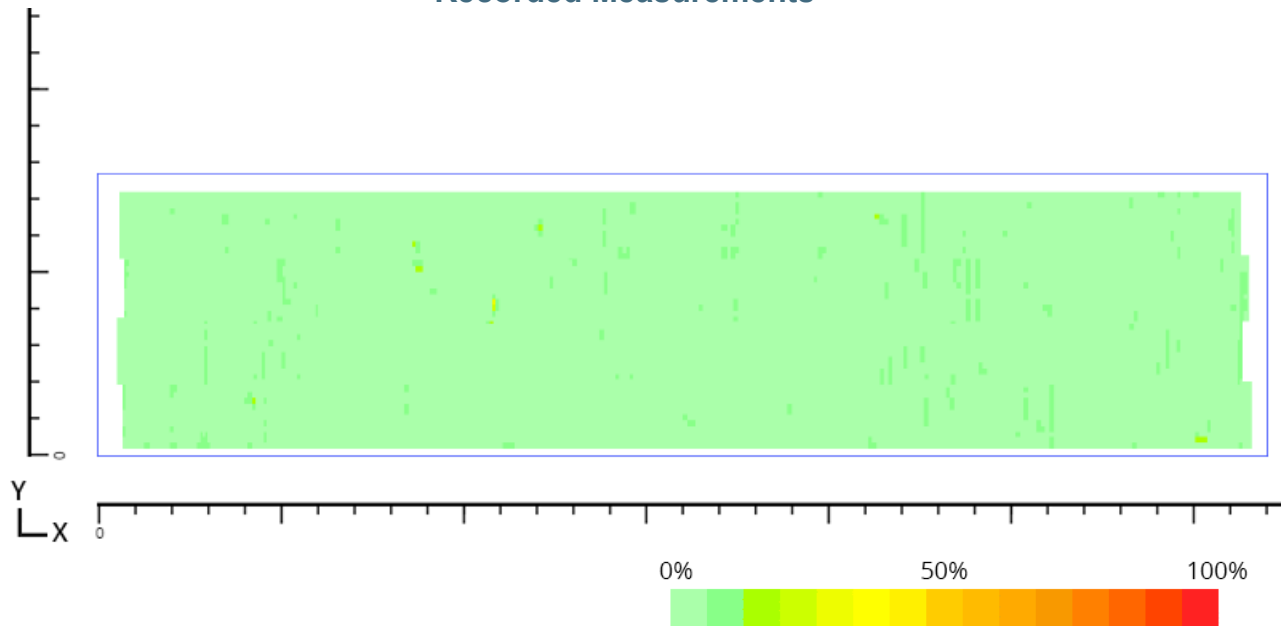
Length (X):
556.01cm

Width (Y): 135cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

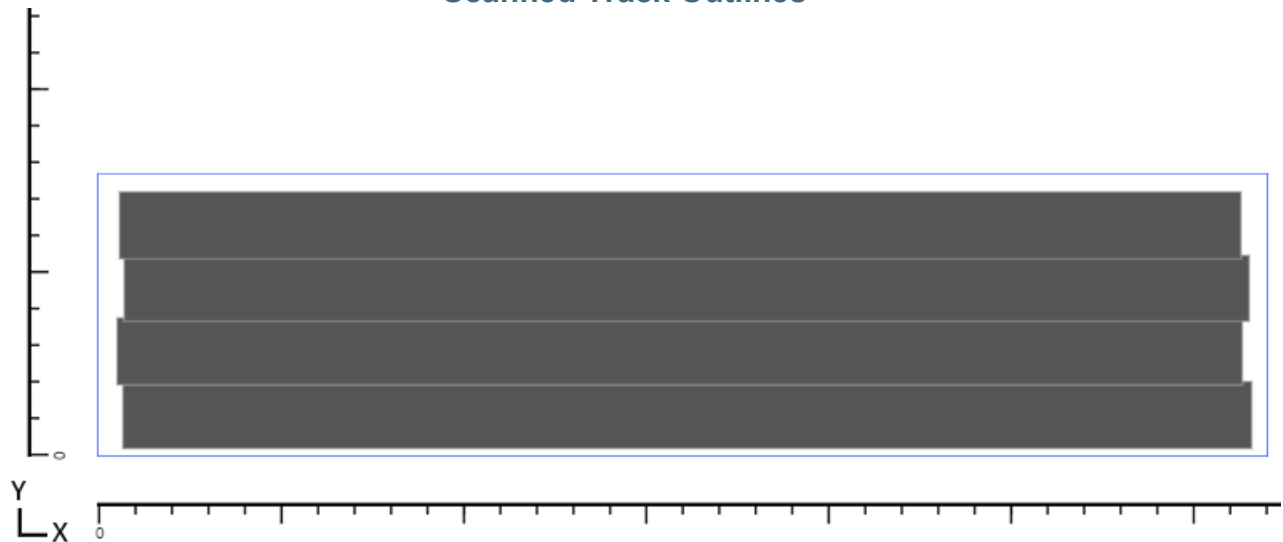




Plate Number 69



Max Signal: 53.3%

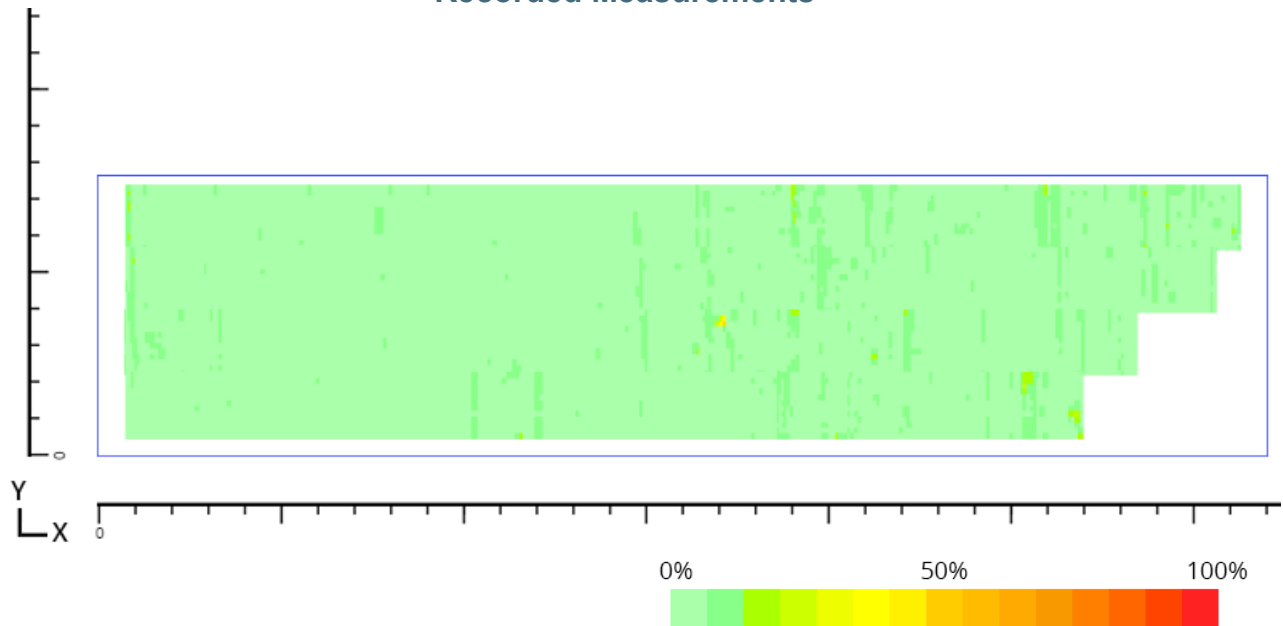
Length (X): 562cm

Width (Y): 135cm

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

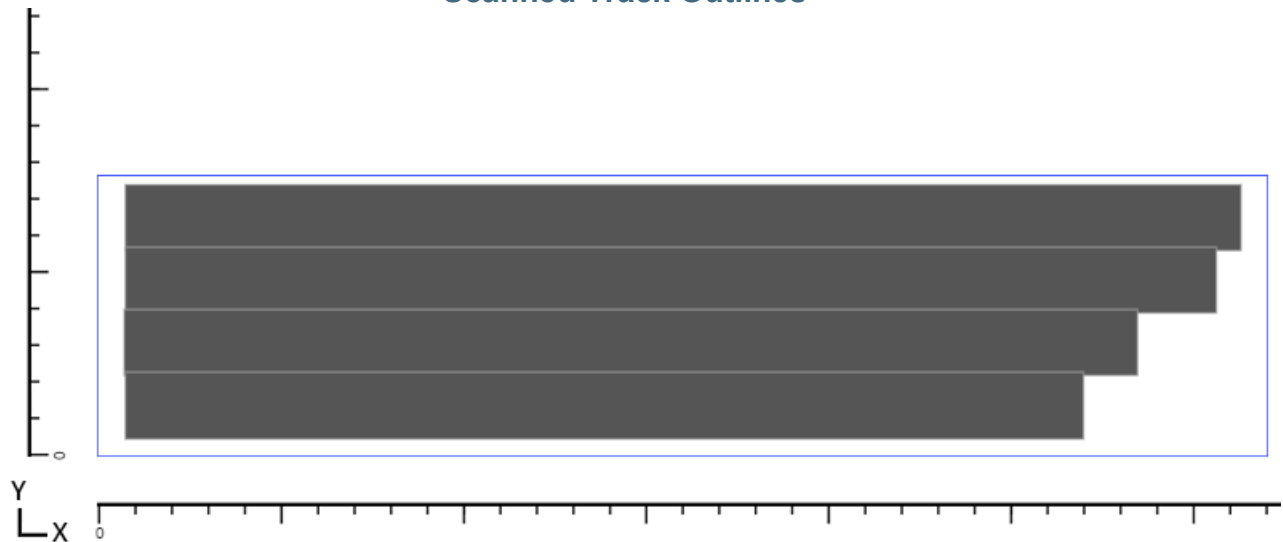
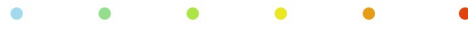




Plate Number 72



Max Signal: 26.7%

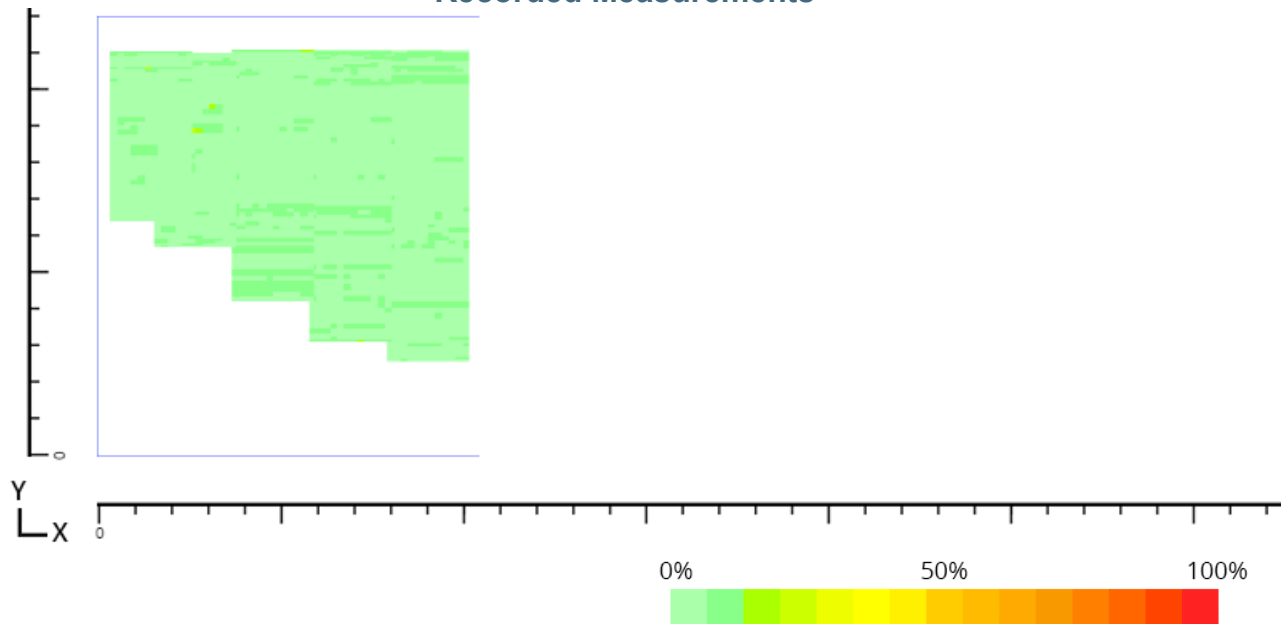
Length (X):
148.01cm

Width (Y): 170cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

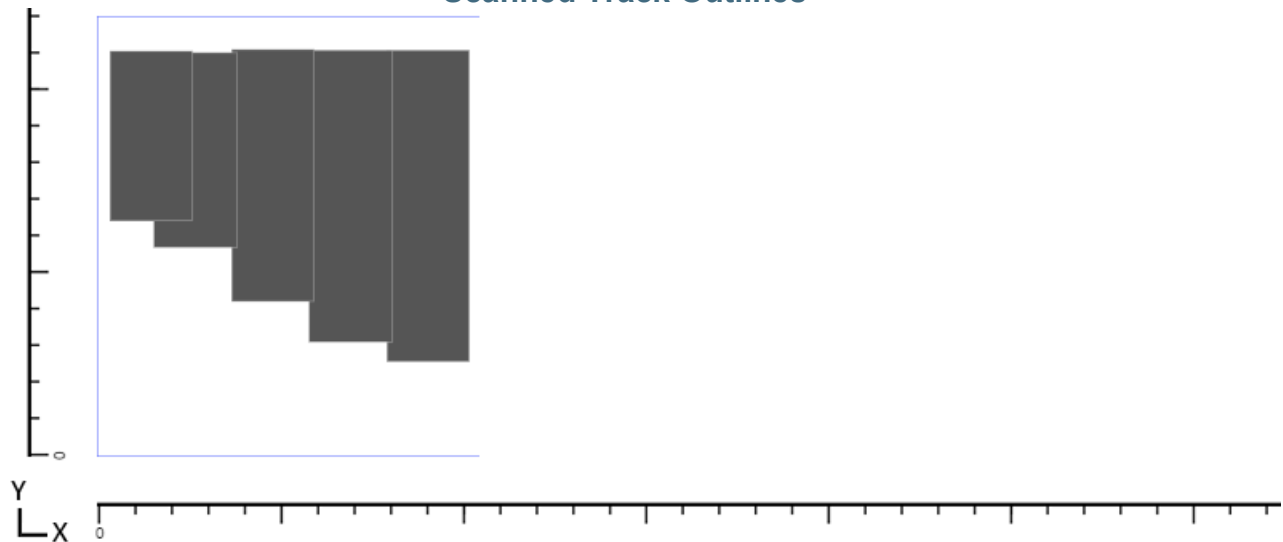




Plate Number 73



Max Signal: 33.3%

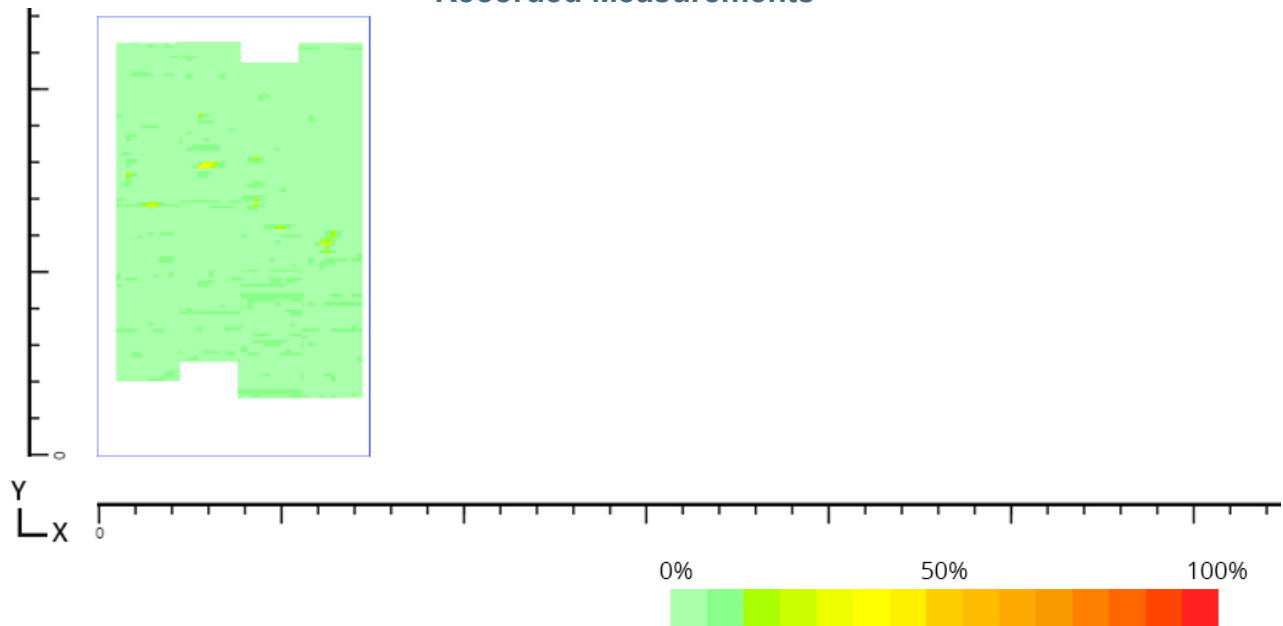
Length (X): 135cm

Width (Y):
216.99cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

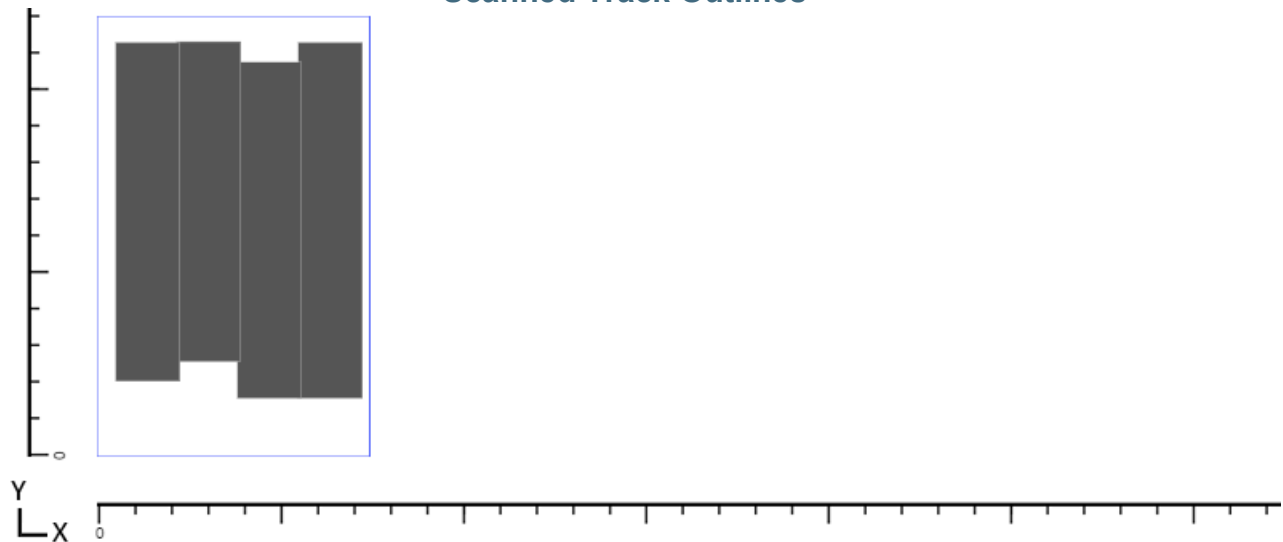




Plate Number 74



Max Signal: 33.3%

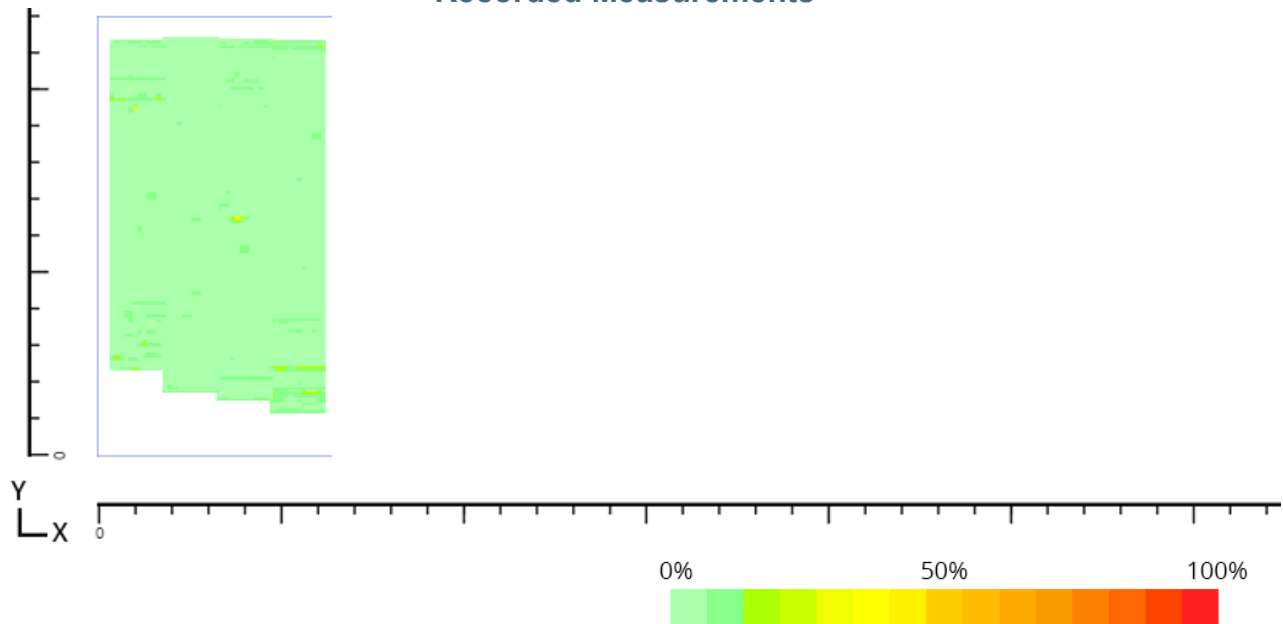
Length (X):
132.99cm

Width (Y):
248.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

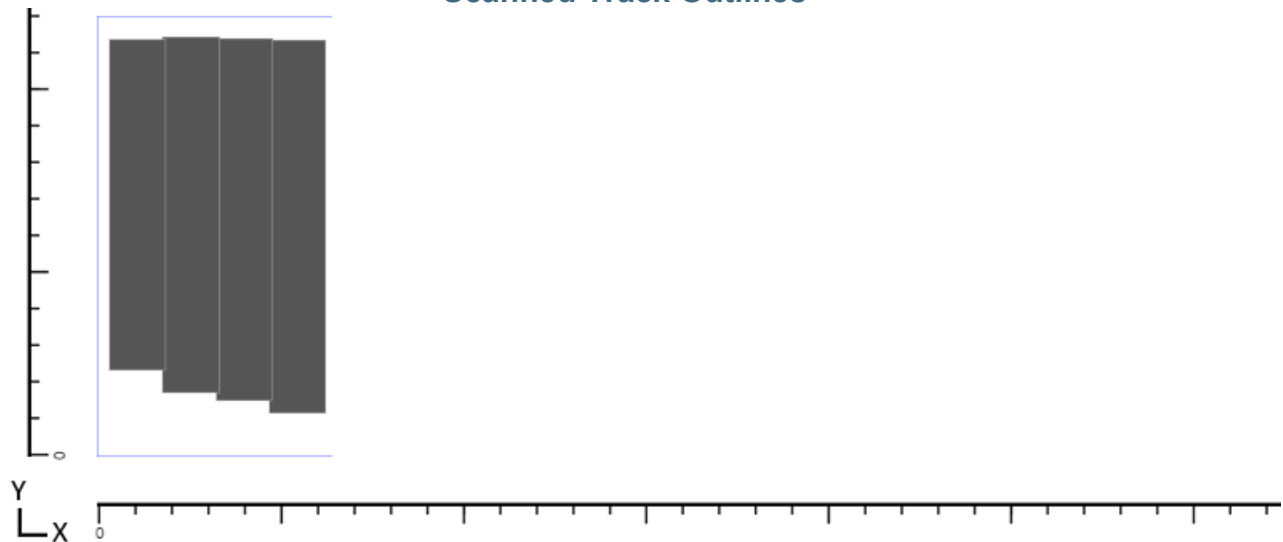




Plate Number 75



Max Signal: 33.3%

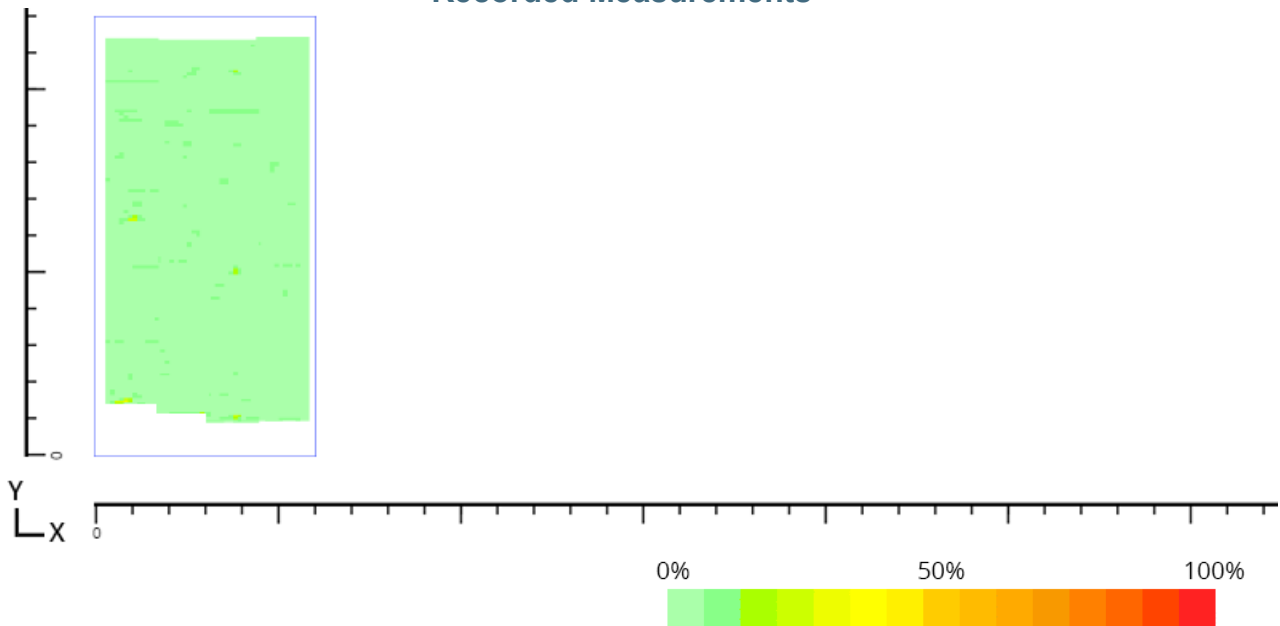
Length (X):
132.99cm

Width (Y):
262.99cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

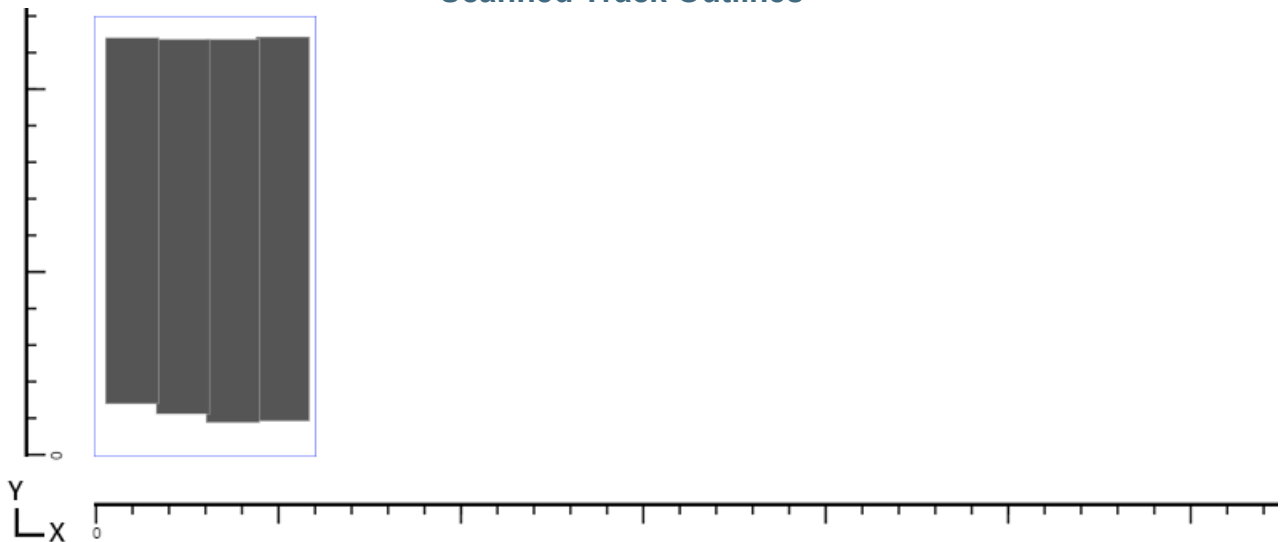




Plate Number 76



Max Signal: 20%

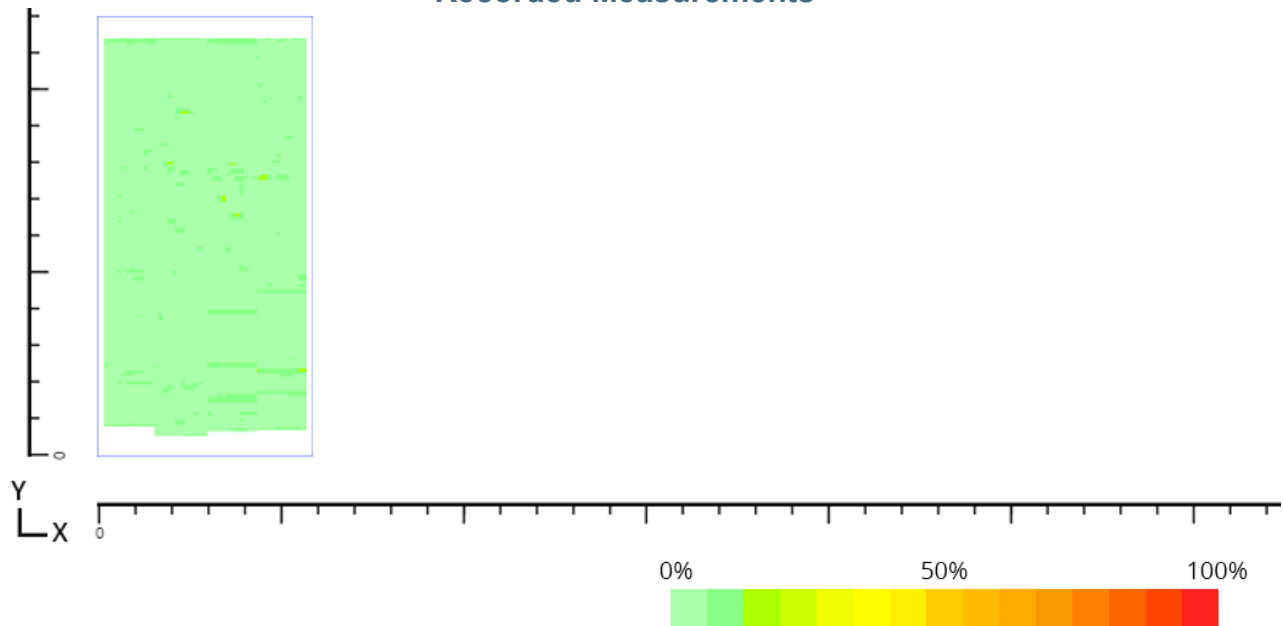
Length (X): 130cm

**Width (Y):
264.01cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

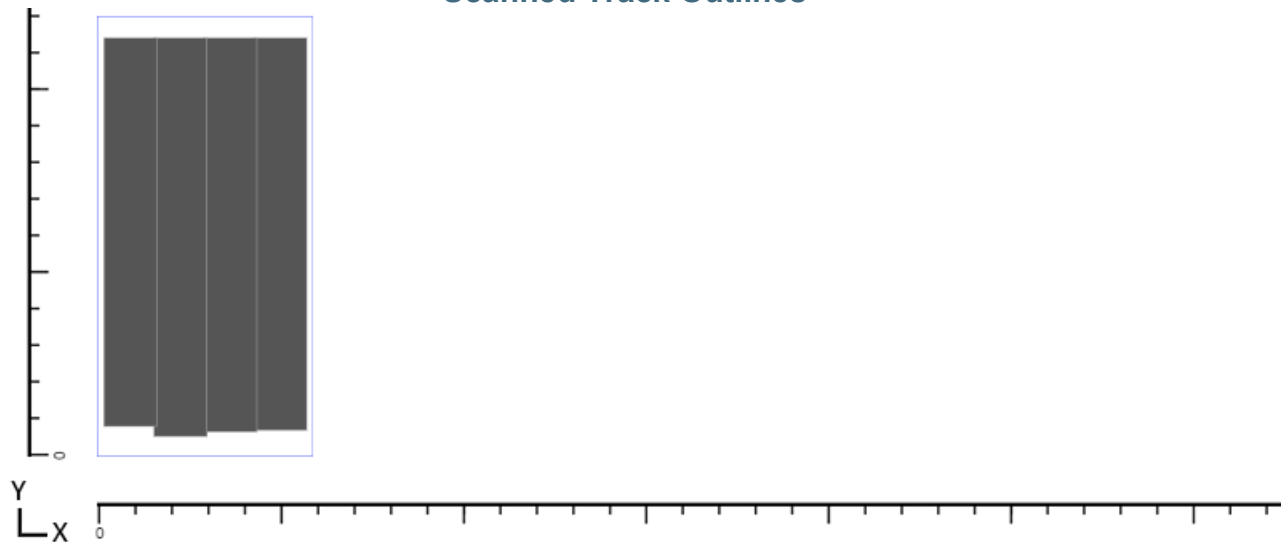




Plate Number 77



Max Signal: 26.7%

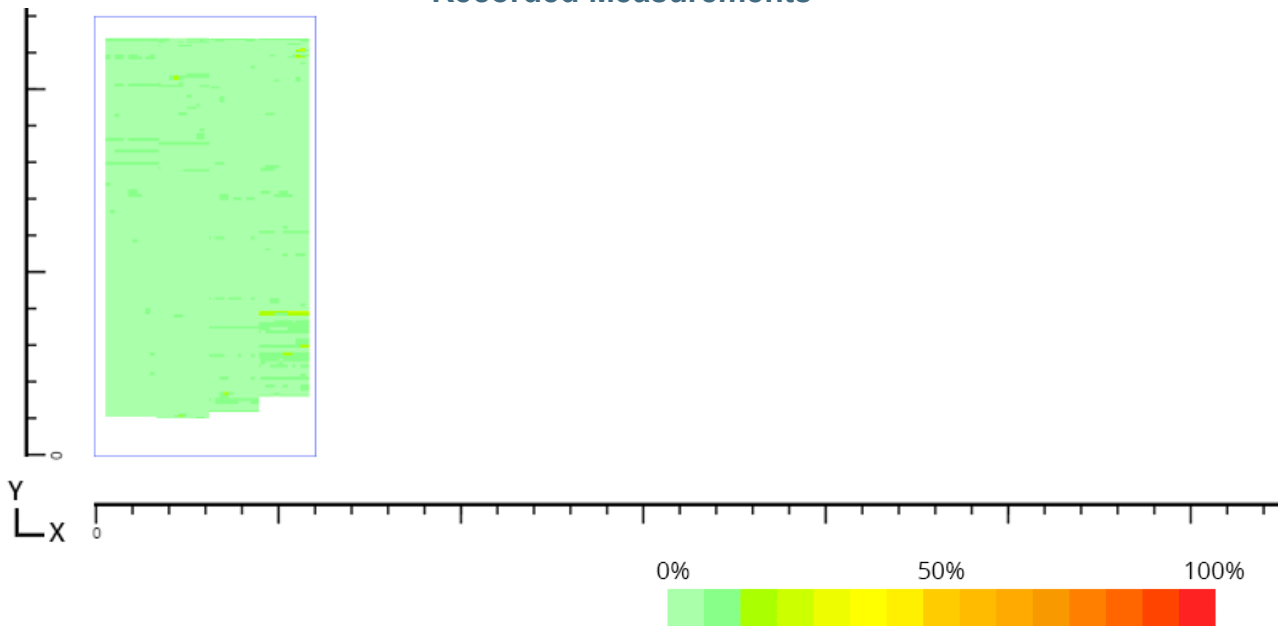
Length (X):
132.99cm

Width (Y):
262.99cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

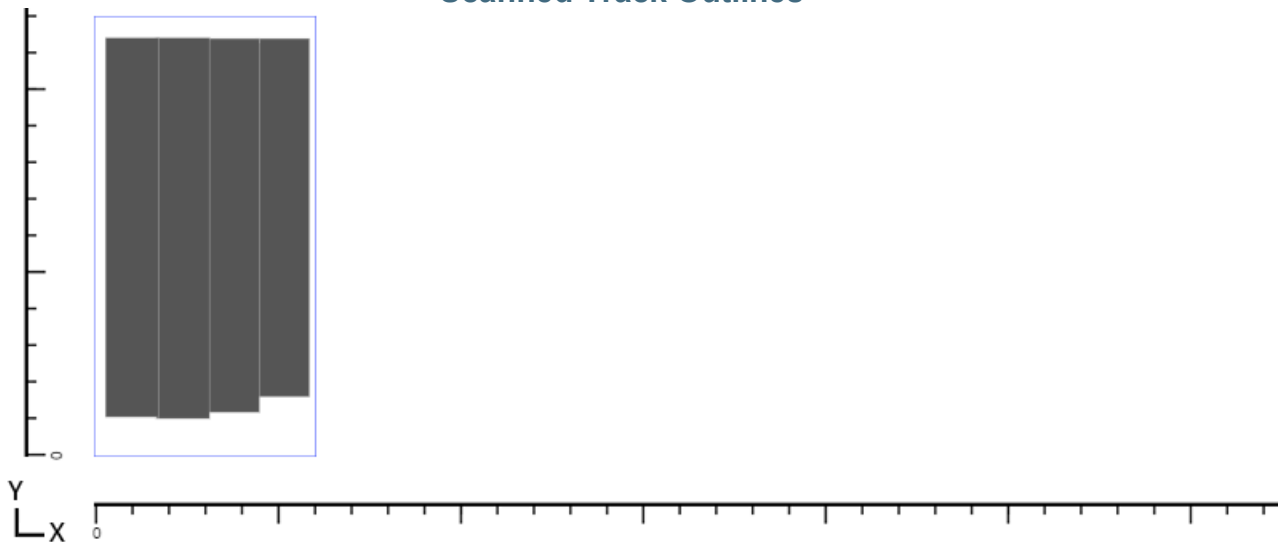




Plate Number 78



Max Signal: 26.7%

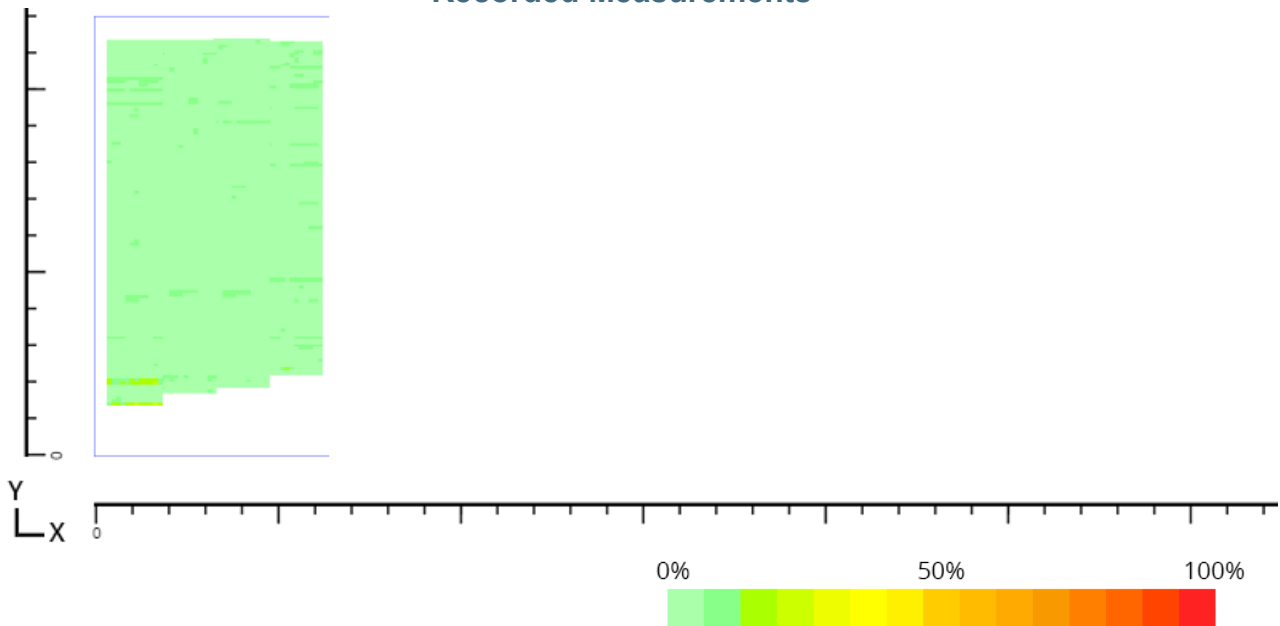
Length (X):
132.99cm

Width (Y):
248.01cm

Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

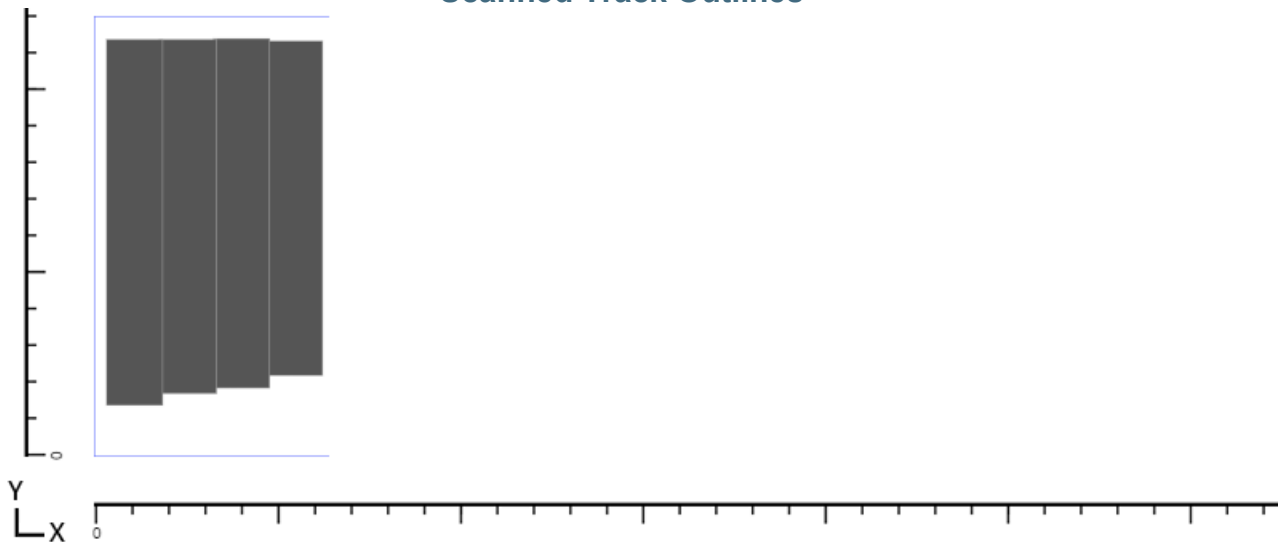




Plate Number 79



Max Signal: 20%

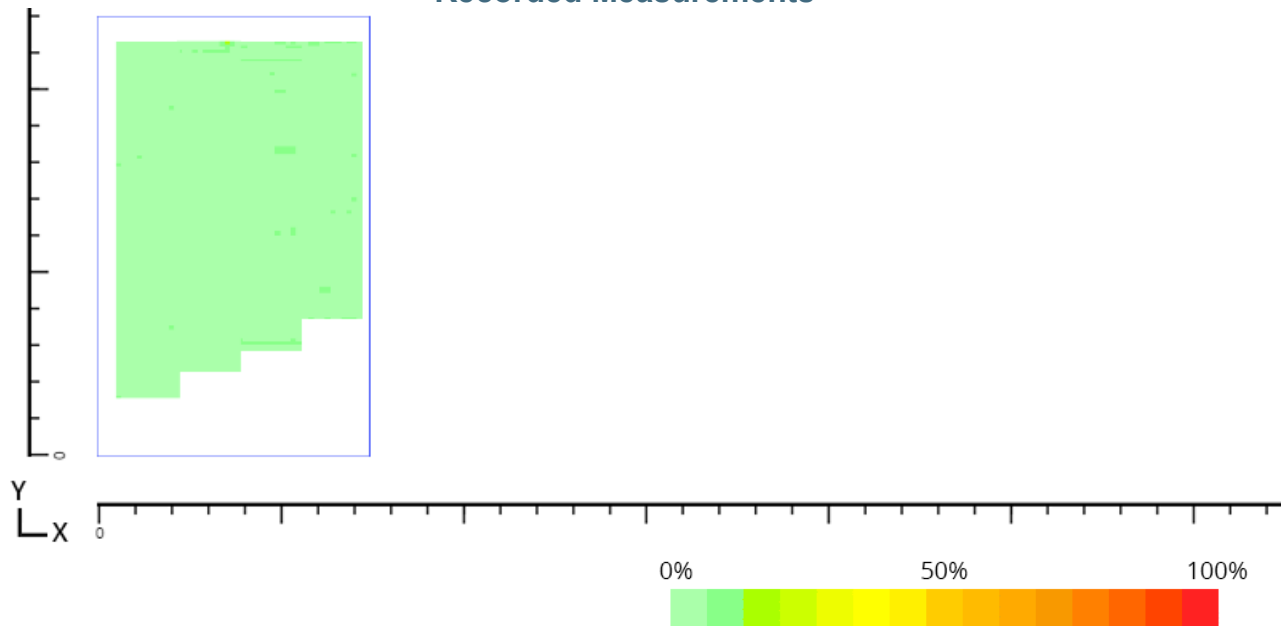
Length (X): 135cm

**Width (Y):
216.99cm**

**Thickness: 6,35
mm**

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines

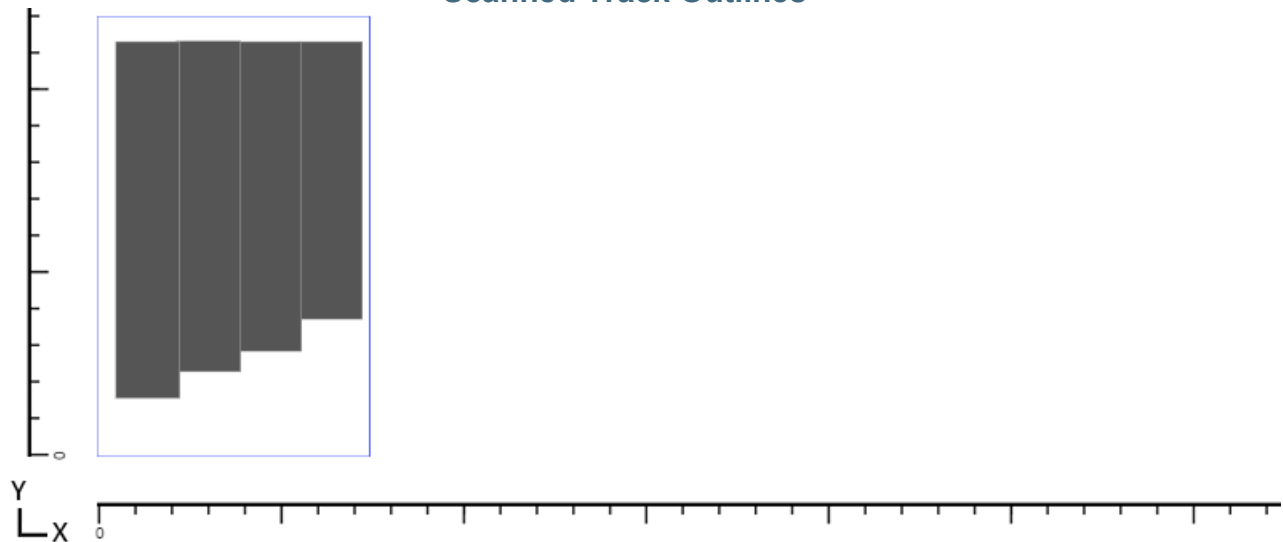
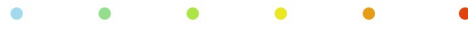




Plate Number 80



Max Signal: 26.7%

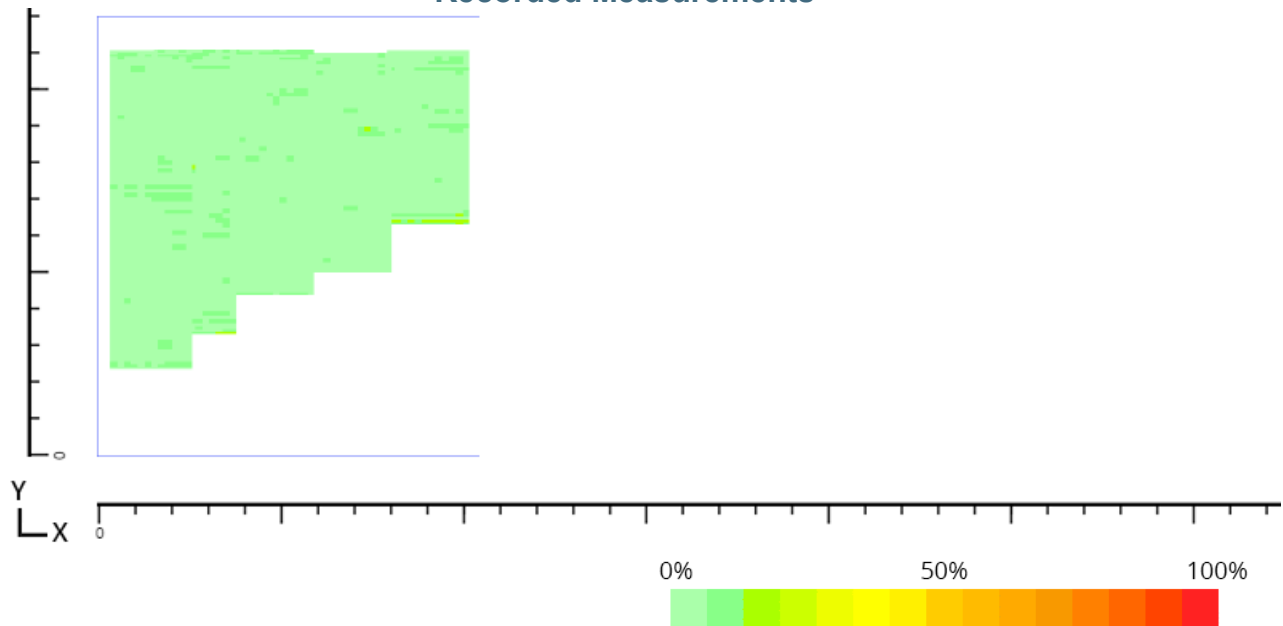
Length (X):
148.01cm

Width (Y): 170cm

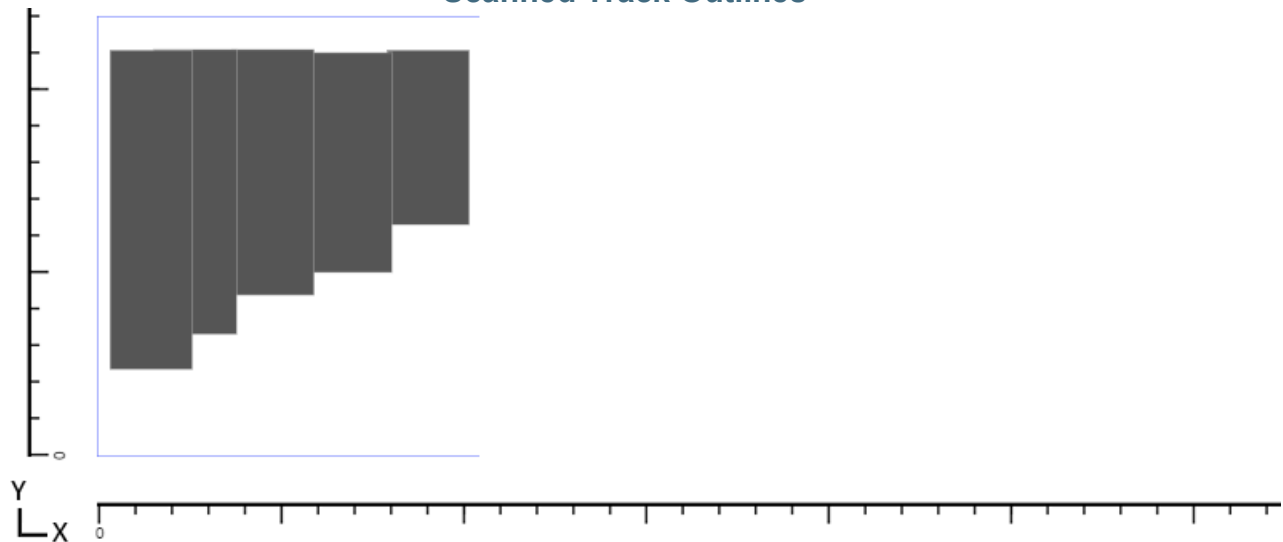
Thickness: 6,35
mm

Selected Signal Range: 3 – 450 mV

Recorded Measurements



Scanned Track Outlines



LAVENDER

INTERNATIONAL NDT TRAINING SCHOOL

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



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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

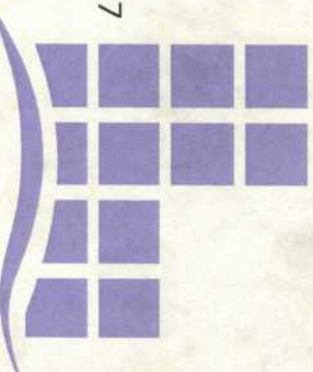
Date: 9-10.02.2017 _____
Hours: 8

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

