OLÍUDREIFING EHF
B/T.: ARI ELÍSSON
HÓLMASLÓÐ 8-10 101
REYKJAVÍK

# SKÝRSLA

## ÞYKKTARMÆLING OG SEGULSVIÐSSKÖNNUM Á OLÍUGEYMI 17 Í HVALFIRÐI

### ULTRASONIC THICKNESS MEASUREMENT & MAGNETIC FLUX LEAKAGE

### UTM SKÝRSLA NR. TM_MFL_221844_T0122_17_2022


**SEPTEMBER 2022**

**FASTANÚMER: T0122**

**MÆLINGAR FRAMKVÆMDAR , STAÐUR: HVALFJÖRÐUR**

**EIGANDANÚMER: 310.17.00**

HD EHF
www.hd.is
gisli@hd.is
+354 8440313

Samgöngustofa

OLÍUDREIFING EHF
B/T.: ARI ELÍSSON
HÓLMASLÓÐ 8-10 101
REYKJAVÍK

**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, segulsviðskönnunar 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 i miðri plötu, aðeins var tekin einn punktur í plötu.

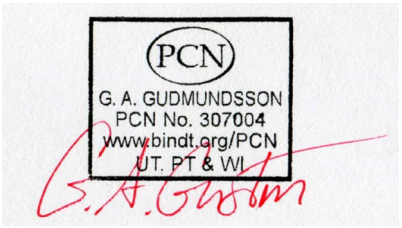
**Segulsviðsmælingar**
Gólfskanninn er kvarðaður á 6mm plötu, 8, 10, 14 og 18mm göt eru boruð í plötuna þar til 3mm efnisþykkt er eftir. Hugbúnaðurinn er stilltur þar til götin gefa rautt/appelsínugult merki á skjá. Gólfskannanum er rennt yfir alla fleti sem hann kemst yfir. Svelgir, rör eða ójafn botn 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. Málning þarfnast viðgerðar. Sjá teikningar og ljósmyndir. Eigandi geymis var látin vita. Sjá meðf. niðurstöður mælingar. Öll uppgefin mál á teikningum eru í mm.

Akureyri, 15 sept 2022

Virðingarfyllst.




Gísli Arnar Guðmundsson

HD EHF
www.hd.is
gisli@hd.is
+354 8440313

Samgöngustofa

OLÍUDREIFING EHF
B/T.: ARI ELÍSSON
HÓLMASLÓÐ 8-10 101
REYKJAVÍK

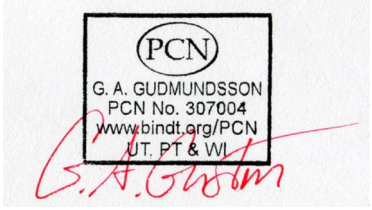
# STAÐFESTING ÞYKKTARMÆLINGA

| | |
|---|---|
| **SKÝRSLA NR.:** | **TM_MFL_221844_T0122_17_2022** |
| **DAGS. SKÝRSLU:** | **15.09.22** |
| **EIGANDI GEYMIS:** | **Icelandic Tank Storage ehf** |
| **REKSTRARAÐILI:** | **Olíudreifing ehf** |
| **DAGS. FRAMKV.:** | **07 september 2022** |
| **STAÐUR** | **Hvalfjörður. Litli Sandur** |
| **HVAÐ MÆLT:** | **Geymir 17** |
| **FASTANÚMER:** | **T0122** |
| **EIGENDANÚMER:** | **311.17.00** |
| **SMÍÐAÁR:** | **1970** |
| **MÆLIBÚNAÐUR:** | **MFE MK IV Tank Floor Scanner. Serial No.MK4-0016-A-TFS**<br>**Olympus 45MG. 5 Mhz Serial nr: 130177407, skoðað og vottað þann 14.09.2020**<br>**Stilliklossar (Calibration blocks): 3mm, 6mm 9mm 12mm og 18mm.**<br>**Meðf. er vottorð mælibúnaðar (Statement of Calibration).** |

**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 141 niðurstöður.**
**Þykktarmælir og nemar tengdir búnaðinum voru sannreyndir og prófaðir með mælingum á stilliklossum fyrir, á meðan og að loknum mælingum.**

**Skoðað/dags./af: 15/09/2022**

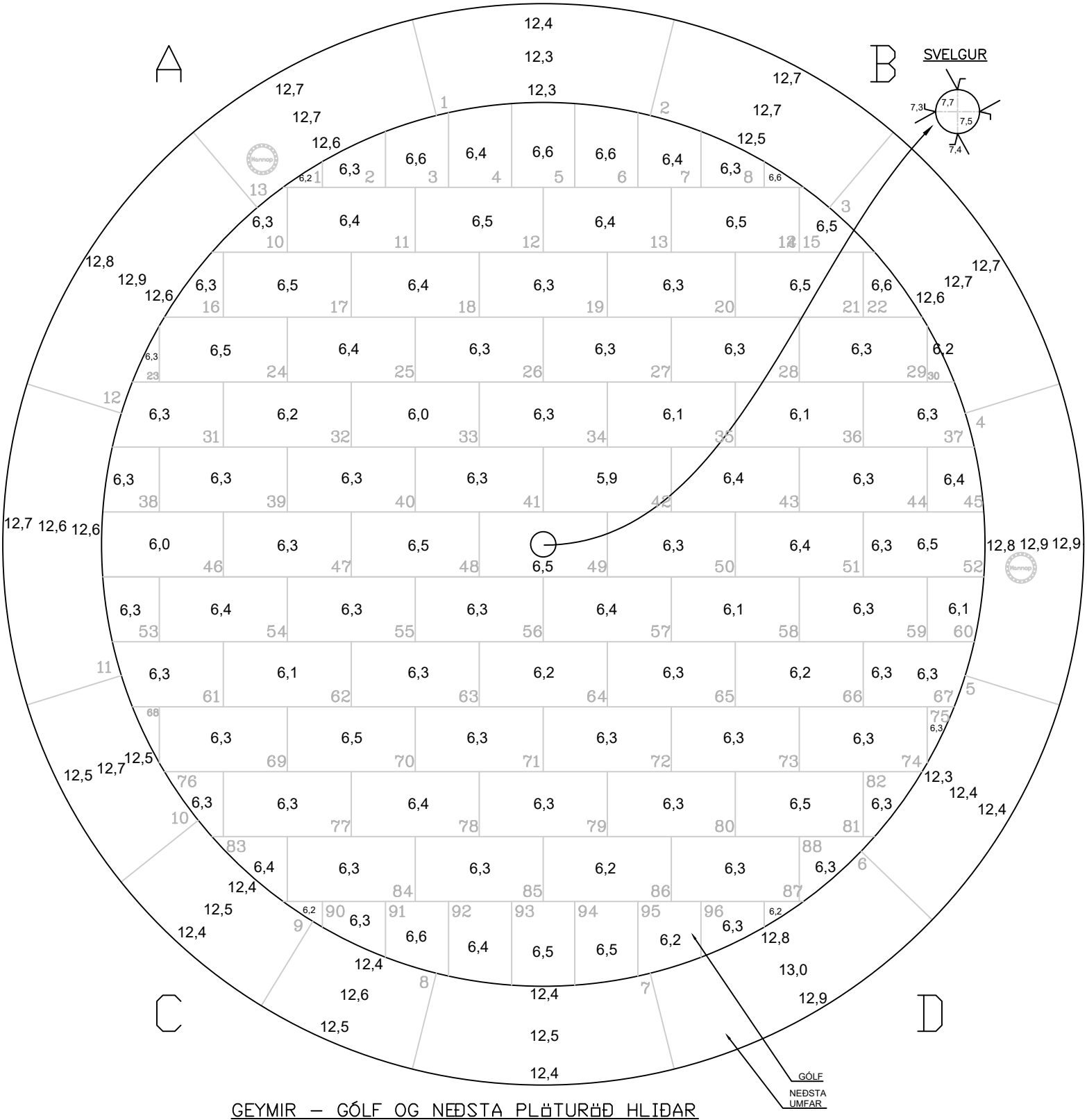



**Samþykkt/dags./af:**

HD EHF
www.hd.is
gisli@hd.is
+354 8440313

Samgöngustofa

# GEYMIR – GÓLF _ FYRSTA PLÖTURÖÐ

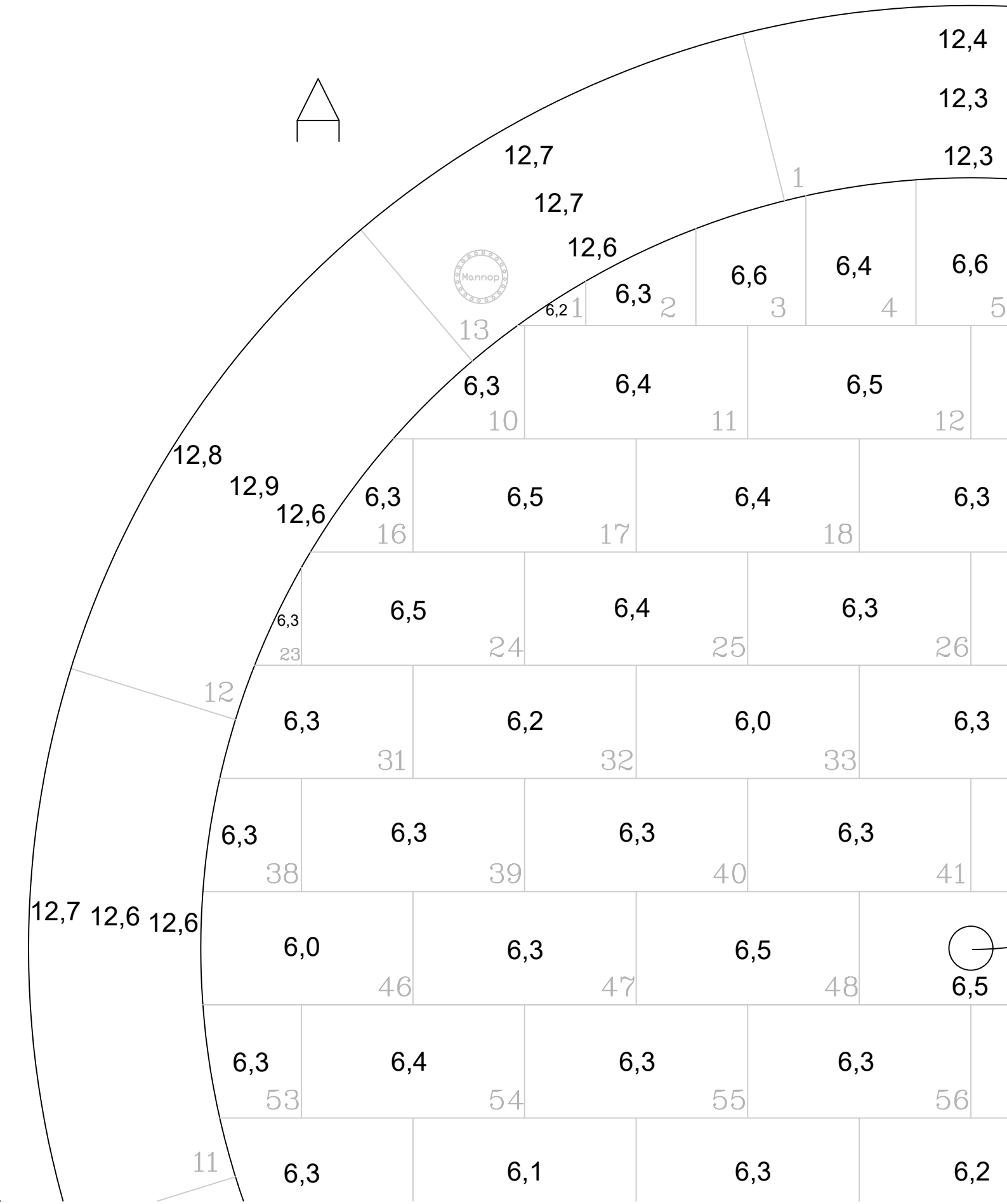


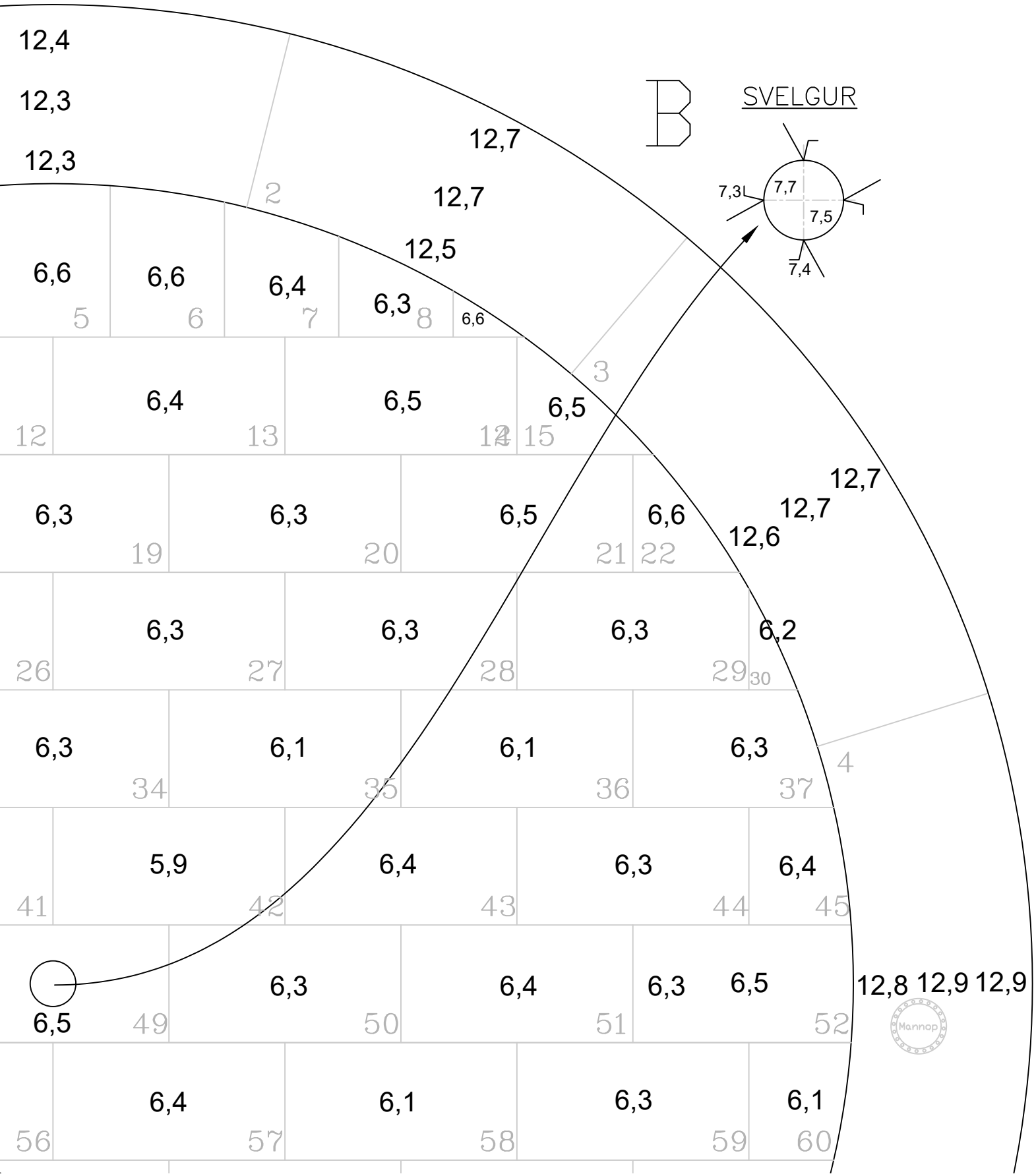

## GEYMIR – GÓLF OG NEÐSTA PLÖTURÖÐ HLIÐAR

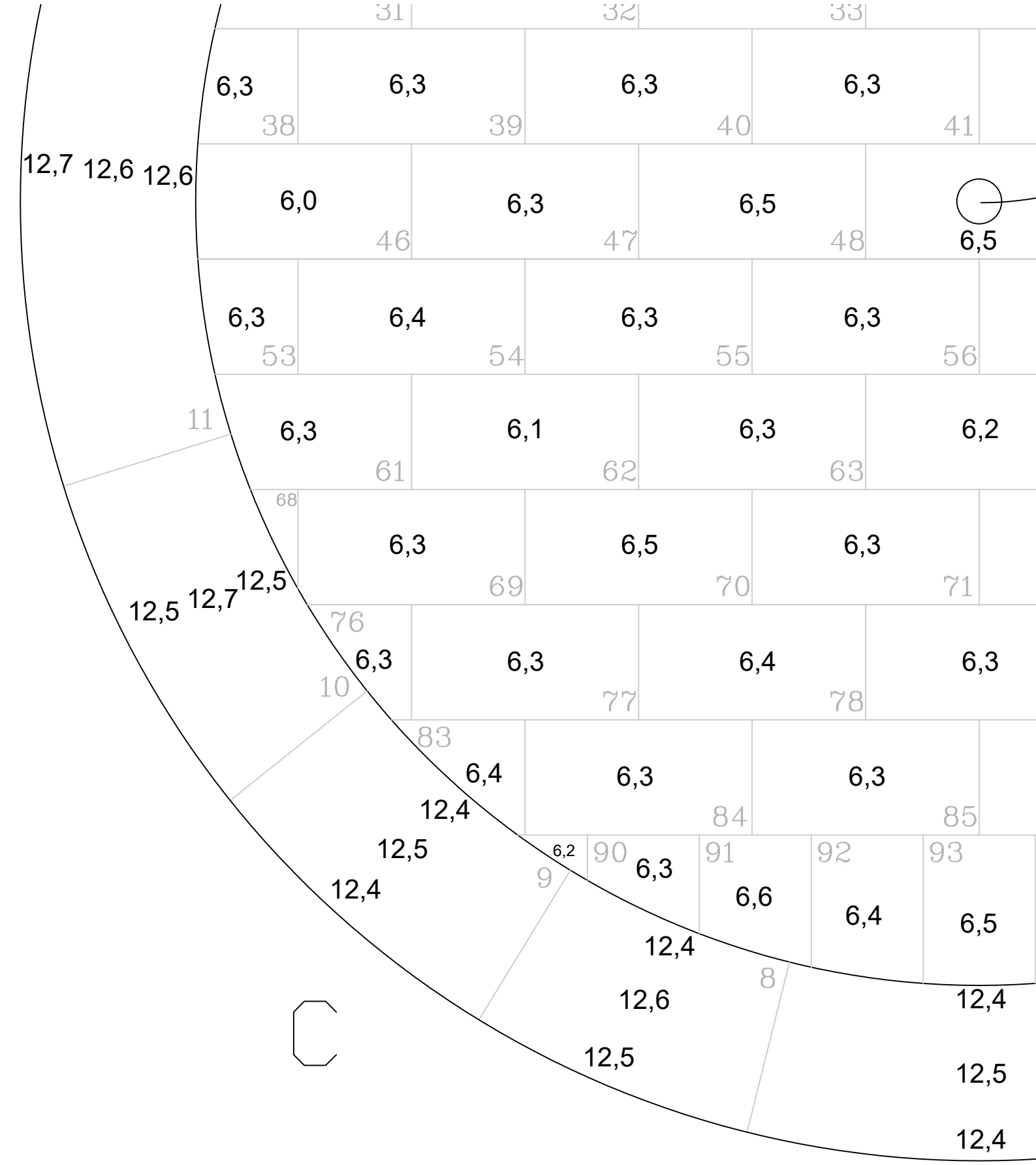
| | |
|---|---|
| ÞYKKTARMÆLINGAR (UTM) | |
| REKSTRARAÐILI: | OLÍUDREIFING EHF |
| TILVÍSUN OKKAR: | GEYMIR 17 |
| MÆLINGAR FRAMKV: | 07 SEPTEMBER 2022 |
| STAÐUR: | LITLI SANDUR |
| HLUTUR MÆLDUR: | GEYMIR NR. 17 |
| FASTANÚMER: | T0122 |

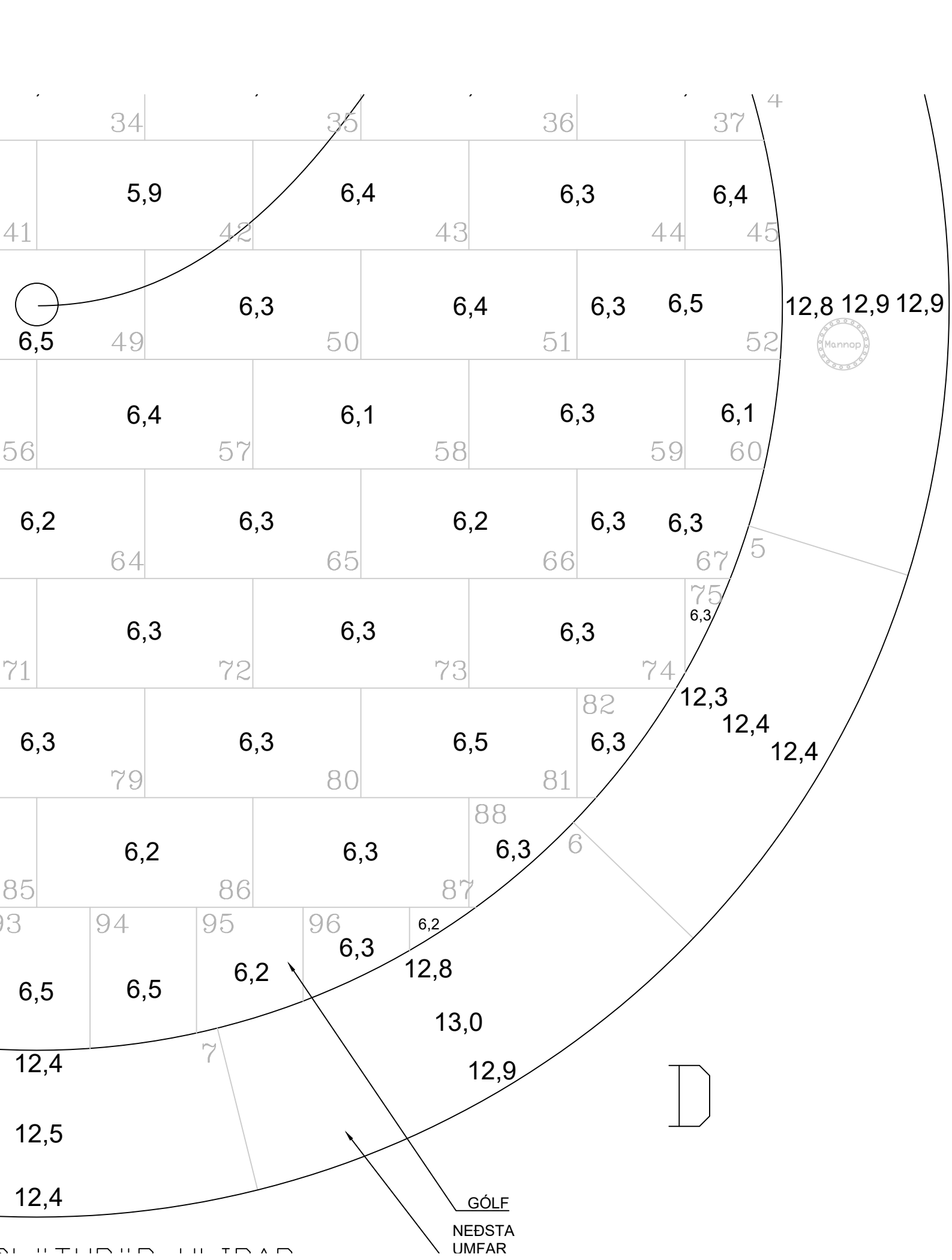
UPPRUNALEG ÞYKKT GÓLFS: 6,3 MM ( ÁGISKUN )
MINNSTA ÞYKKT Á GÓLFI: 5,9 MM ( PATA 42 )
MINNSTA ÞYKKT Í NEÐSTA UMFARI: 12,3 MM
MINNSTA ÞYKKT Í SVELG: 7,3 MM

TEIKNING ER EKKI Í MÆLIKVARÐA


12,4
12,3
12,3
12,7
12,7
12,6
1
Mannop
6,2 1
6,3 2
6,6 3
6,4 4
6,6 5
13
6,3 10
6,4 11
6,5 12
12,8
12,9
12,6
6,3 16
6,5 17
6,4 18
6,3
6,5 24
6,4 25
6,3 26
6,3 23
12
6,3 31
6,2 32
6,0 33
6,3
6,3 38
6,3 39
6,3 40
6,3 41
12,7 12,6 12,6
6,0 46
6,3 47
6,5 48
6,5
6,3 53
6,4 54
6,3 55
6,3 56
11
6,3
6,1
6,3
6,2


12,4
12,3
12,3
12,7
12,7
12,5
2
B
SVELGUR
7,3
7,7
7,5
7,4
6,6
6,6
6,4
6,3
6,6
5
6
7
8
3
6,4
6,5
6,5
12
13
14
15
6,3
6,3
6,5
6,6
12,7
12,7
12,6
19
20
21
22
6,3
6,3
6,3
6,2
26
27
28
29
30
6,3
6,1
6,1
6,3
4
34
35
36
37
5,9
6,4
6,3
6,4
41
42
43
44
45
6,3
6,4
6,3
6,5
12,8
12,9
12,9
6,5
49
50
51
52
6,4
6,1
6,3
6,1
56
57
58
59
60


31
32
33
6,3
6,3
6,3
6,3
38
39
40
41
12,7
12,6
12,6
6,0
6,3
6,5
6,5
46
47
48
6,3
6,4
6,3
6,3
53
54
55
56
11
6,3
6,1
6,3
6,2
61
62
63
68
6,3
6,5
6,3
69
70
71
12,5
12,5
12,7
76
6,3
6,3
6,4
6,3
10
77
78
83
6,4
6,3
6,3
12,4
84
85
12,5
6,2
90
91
92
93
6,3
9
6,6
6,4
6,5
12,4
12,4
8
12,6
12,4
12,5
12,5
12,4


34
35
36
37
4
5,9
6,4
6,3
6,4
41
42
43
44
45
6,3
6,4
6,3
6,5
12,8
12,9
12,9
6,5
49
50
51
52
6,4
6,1
6,3
6,1
56
57
58
59
60
6,2
6,3
6,2
6,3
6,3
64
65
66
67
5
6,3
6,3
6,3
75
6,3
71
72
73
74
12,3
12,4
12,4
82
6,3
6,3
6,5
6,3
79
80
81
88
6,2
6,3
6,3
6
85
86
87
93
94
95
96
6,2
6,3
12,8
6,5
6,5
6,2
13,0
7
12,4
12,9
12,5
12,4
GÓLF
NEÐSTA
UMFAR

OLÍUDREIFING EHF
B/T.: ARI ELÍSSON
HÓLMASLÓÐ 8-10 101
REYKJAVÍK

# Myndir frá geymi 17

Mynd 1: Þak geymis.

Mynd 2. Gólf og umfar geymis.

HD EHF
www.hd.is
gisli@hd.is
+354 8440313

OLÍUDREIFING EHF
B/T.: ARI ELÍSSON
HÓLMASLÓÐ 8-10 101
REYKJAVÍK

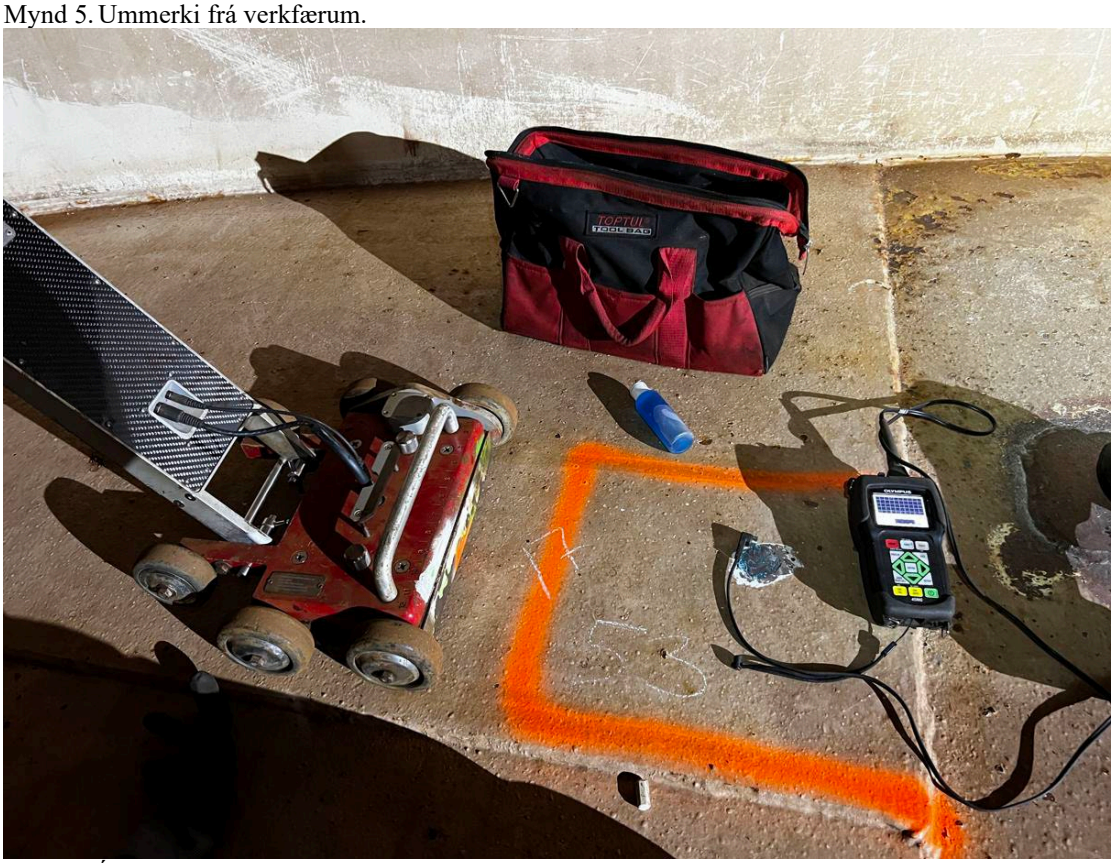
Mynd 3. Víða um geymin ( aðalega nálægt kverk ) eru ummerki frá verkfærum. Skanni kemst ekki yfir slíkt.

Mynd 4. Málning er illa farin og er yfirbor óslétt.

HD EHF
www.hd.is
gisli@hd.is
+354 8440313

OLÍUDREIFING EHF
B/T.: ARI ELÍSSON
HÓLMASLÓÐ 8-10 101
REYKJAVÍK

Mynd 5. Ummerki frá verkfærum.




Mynd 6. Í plötu 53 og 61 kom fram á skanna tæring. Kannað með þykktarmæli. Efnisþykkt 4.7 - 4,9mm.

HD EHF
www.hd.is
gisli@hd.is
+354 8440313

Mynd 7. Svelgur. Mjög erfitt aðgengi og málning illa farin.

Mynd 8. Geymir lítur vel út að utan.

ENTERPRISES INCORPORATED

[[[Service Company Logo Here]]]

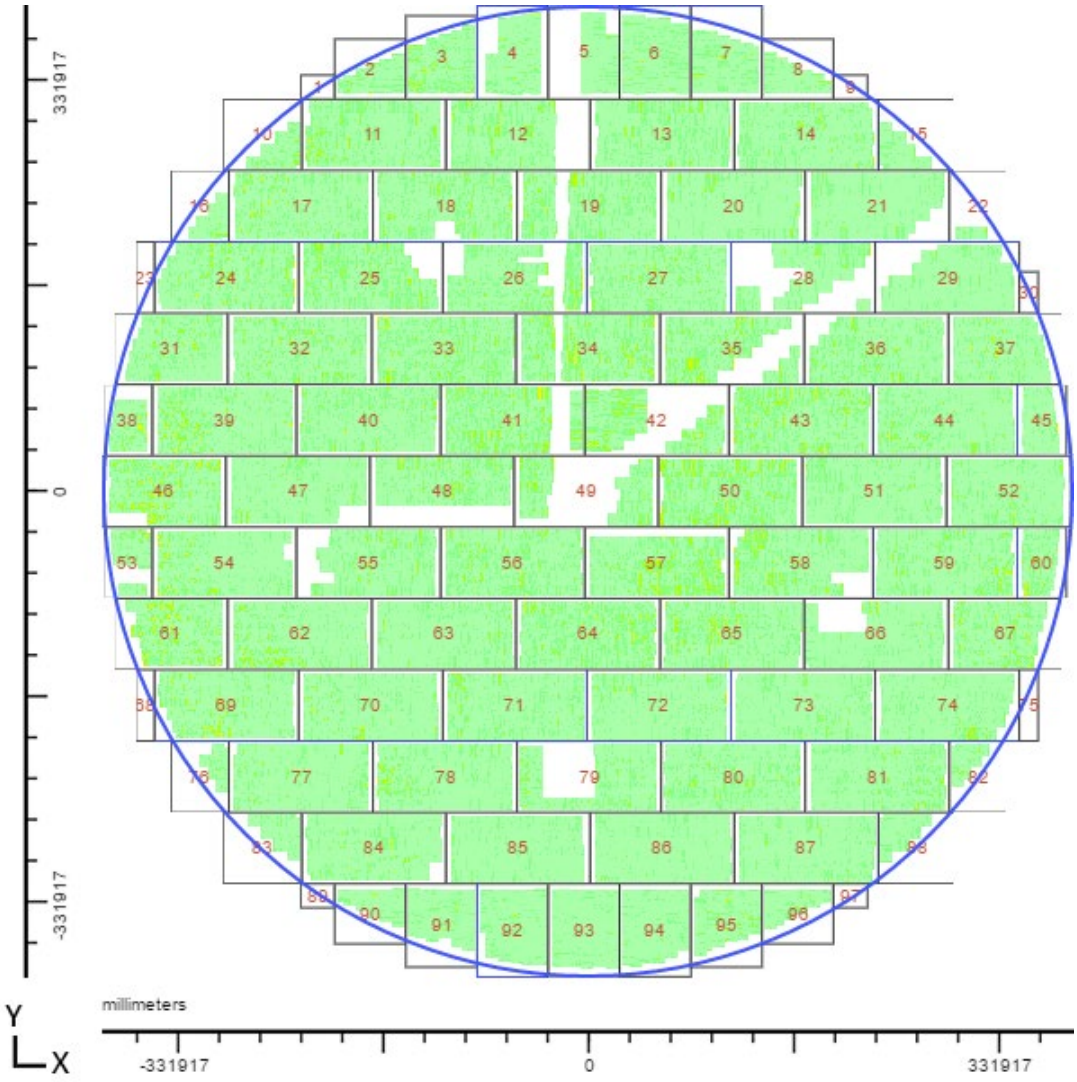
# MFE Scan Survey Report

## Project: TM_MFL_221844_T0122_17_2022

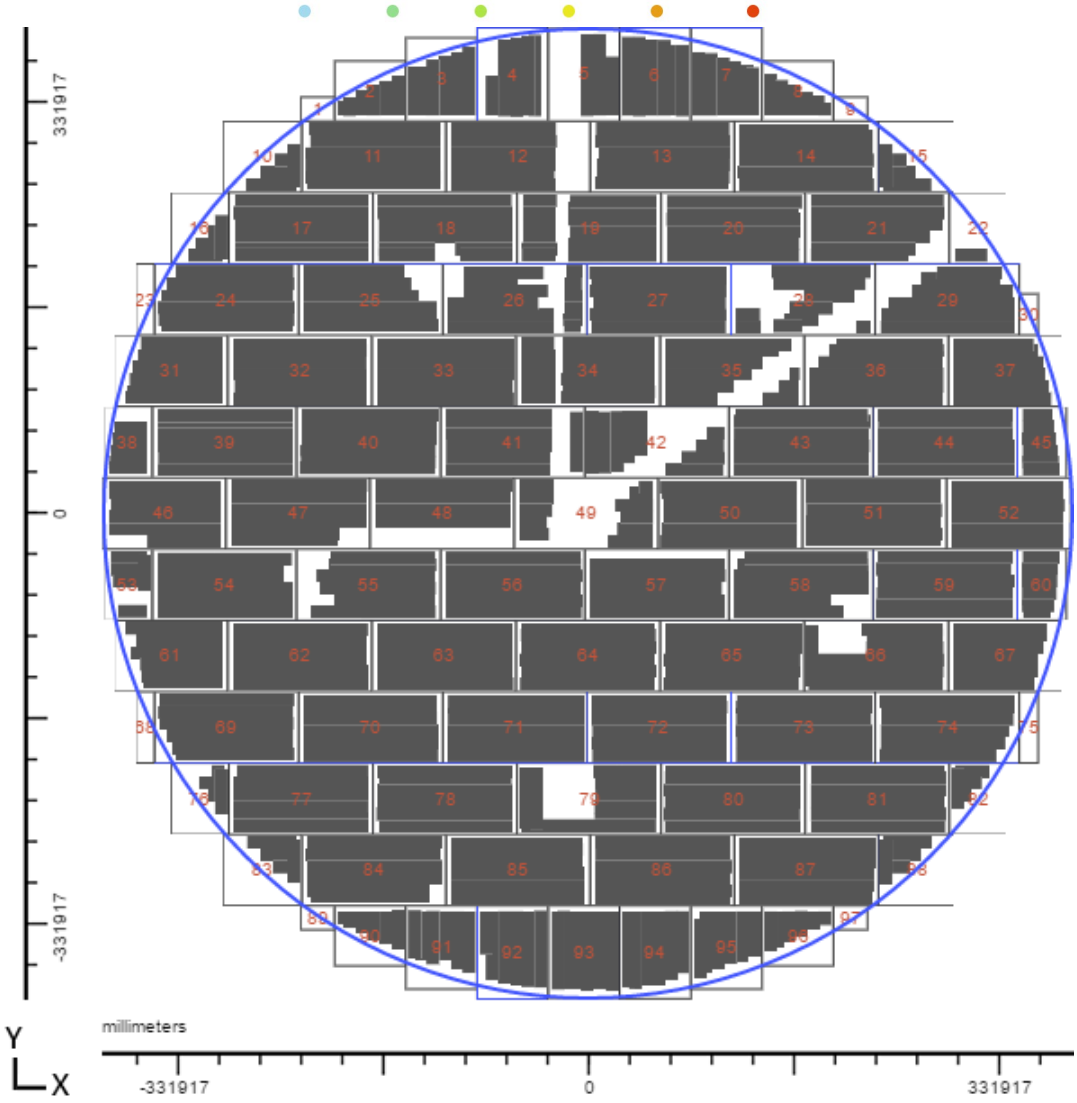
## Tank Diameter: 24.2 m

| | | | |
|---|---|---|---|
| **Customer**: | OLÍUDREIFING | **Date of Survey**: | 07 Sep 2022 |
| **Prepared By**: | Gísli Arnar Guðmundsson | **Date of Report**: | 15 Sep 2022 |
| **Company**: | HD ehf | | |

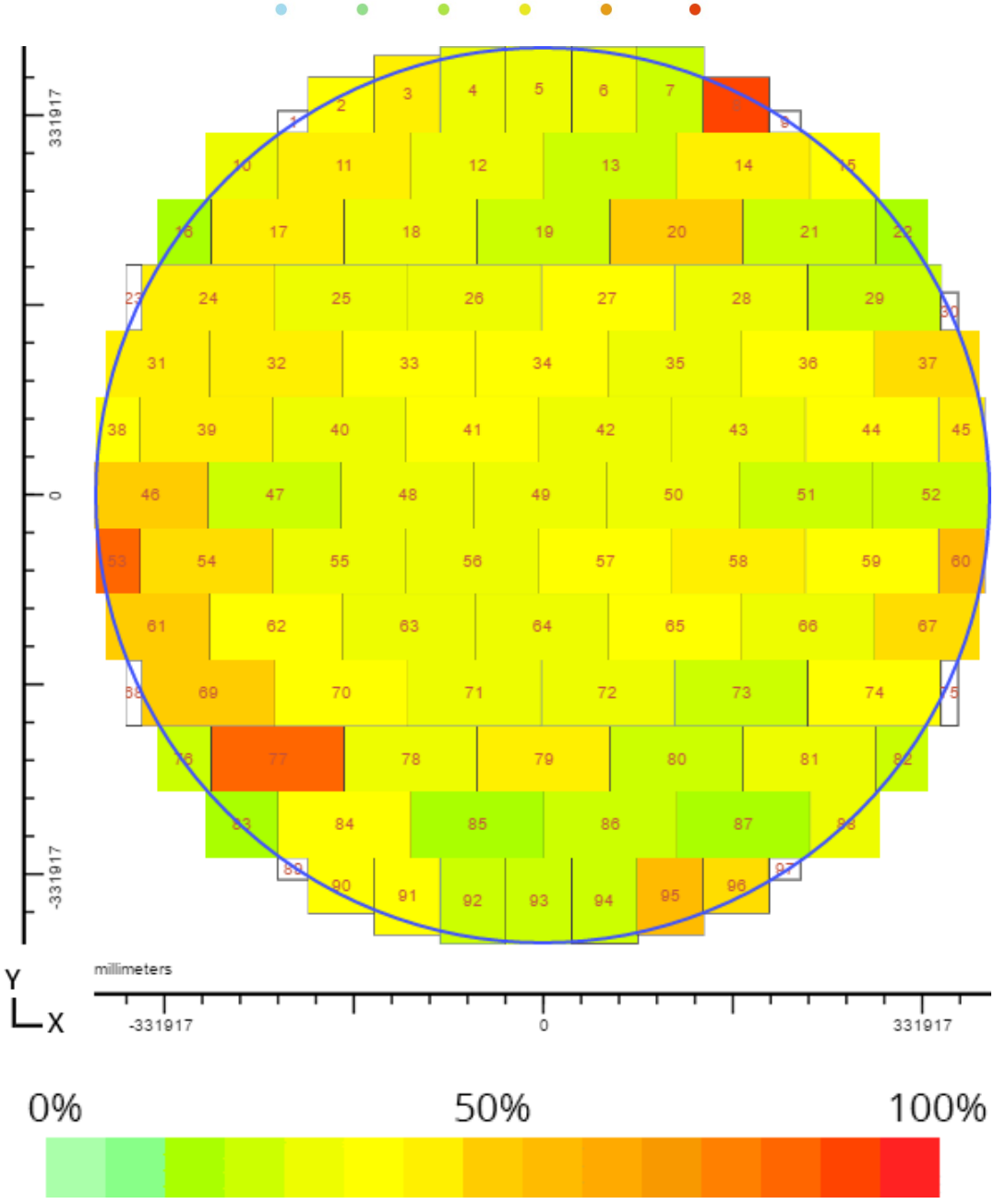
# Tank Overview



# Track Coverage Overview



# Maximum Defect by Plate

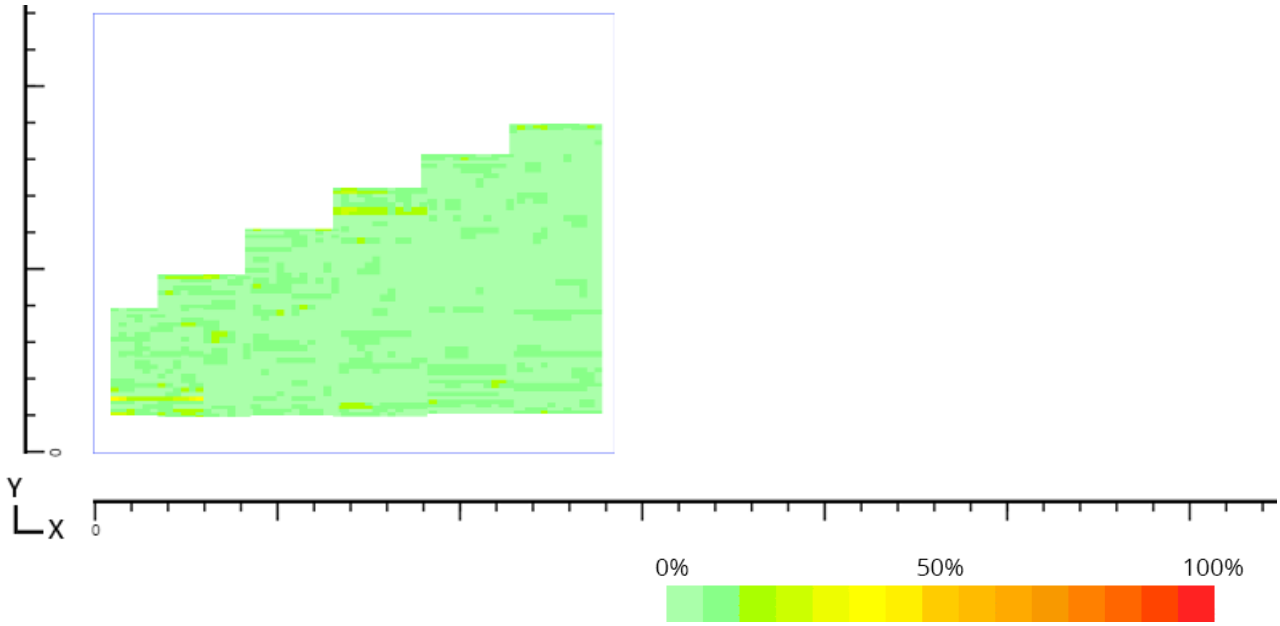


## Plate Number 2

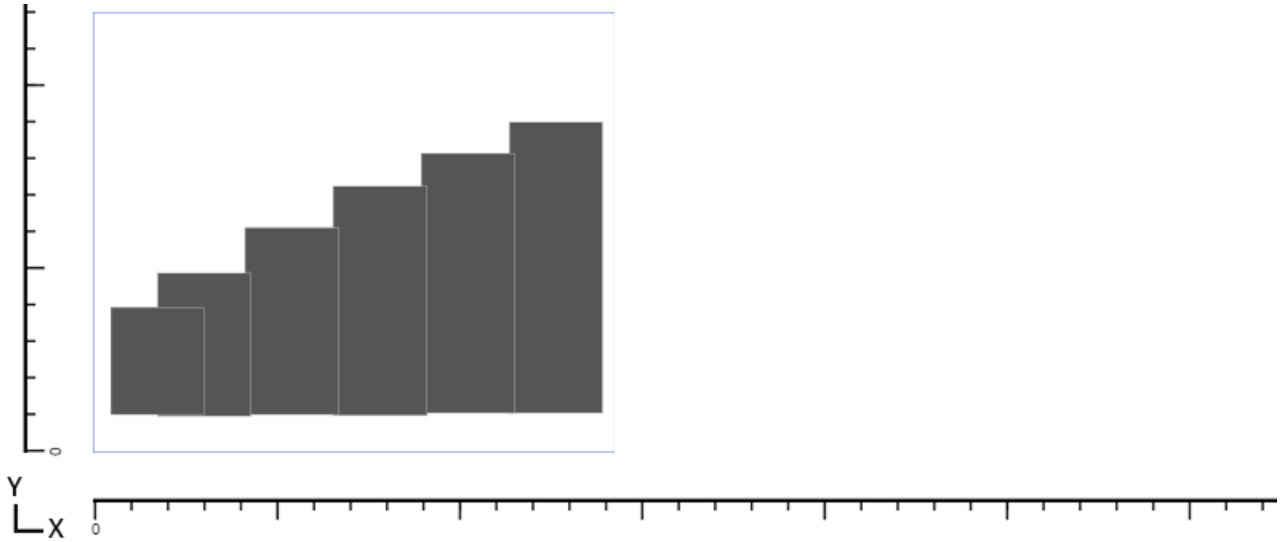
**Max Signal:** 40% **Length (X):** 178cm **Width (Y):** 150.01cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

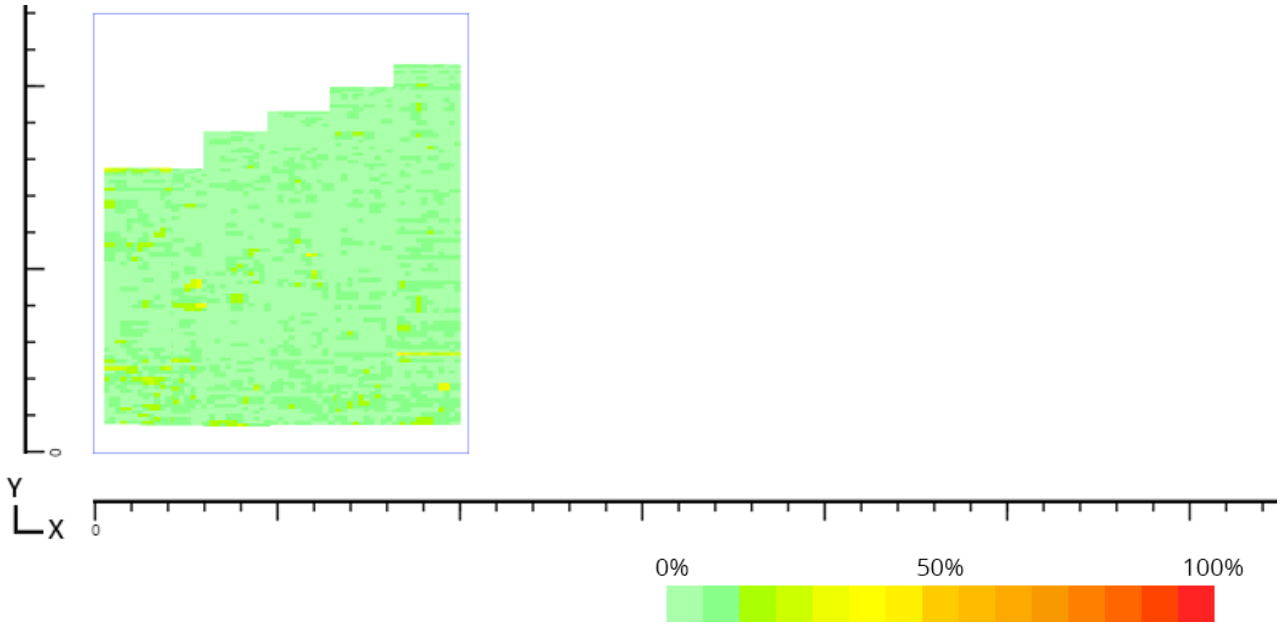


## Plate Number 3

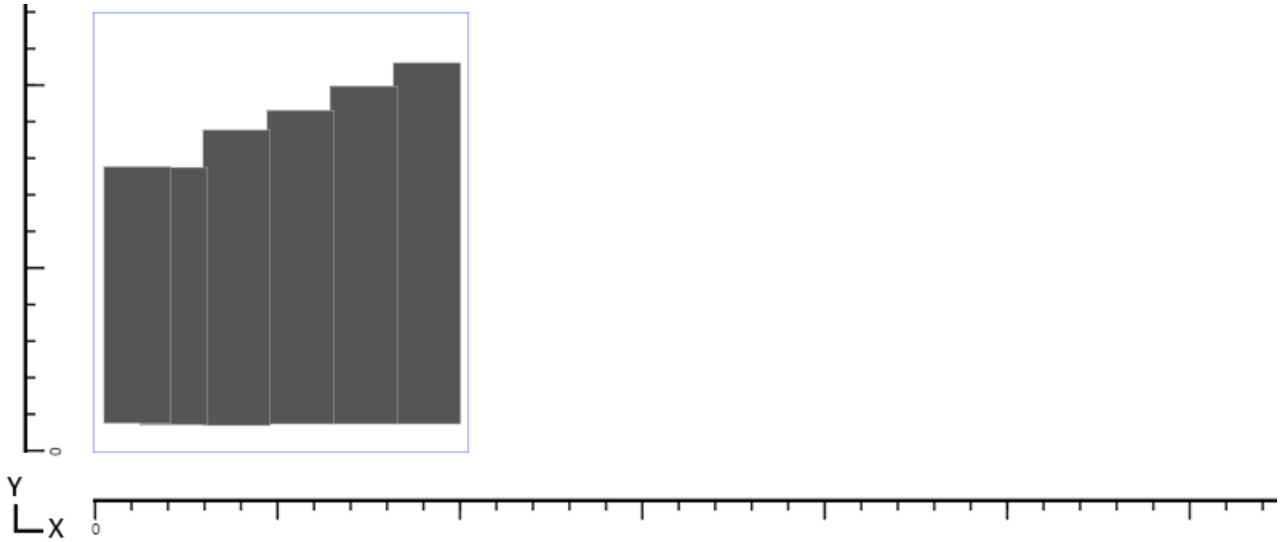
**Max Signal:** 46.7% **Length (X):** 178cm **Width (Y):** 208cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

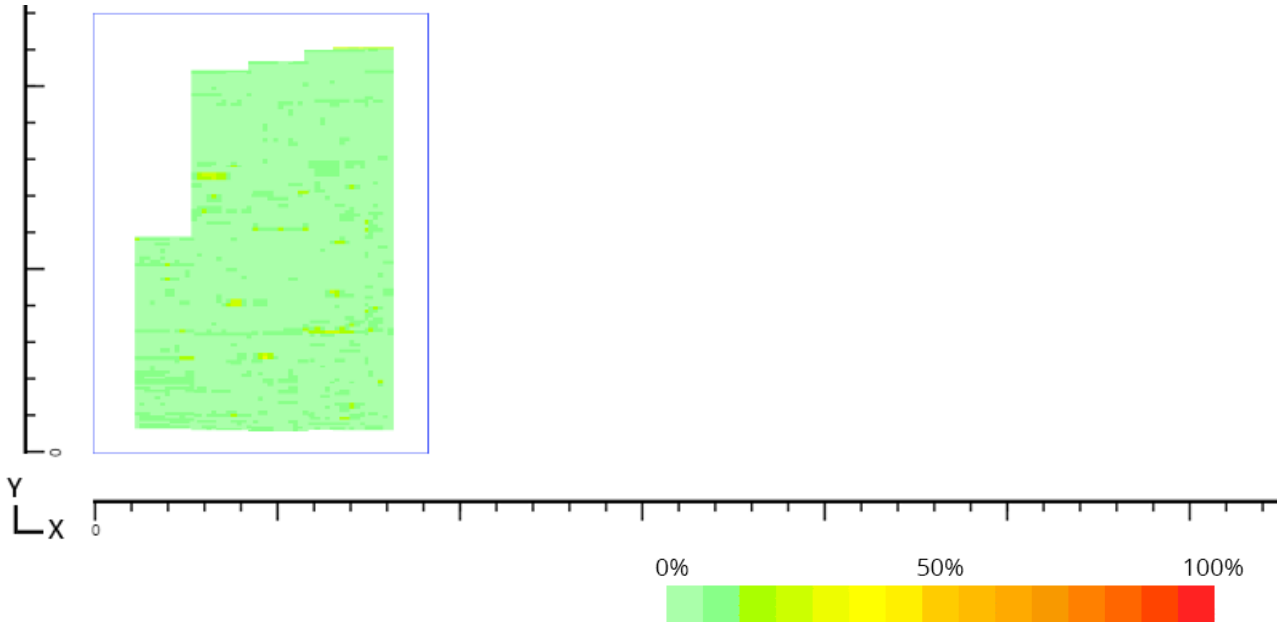


## Plate Number 4

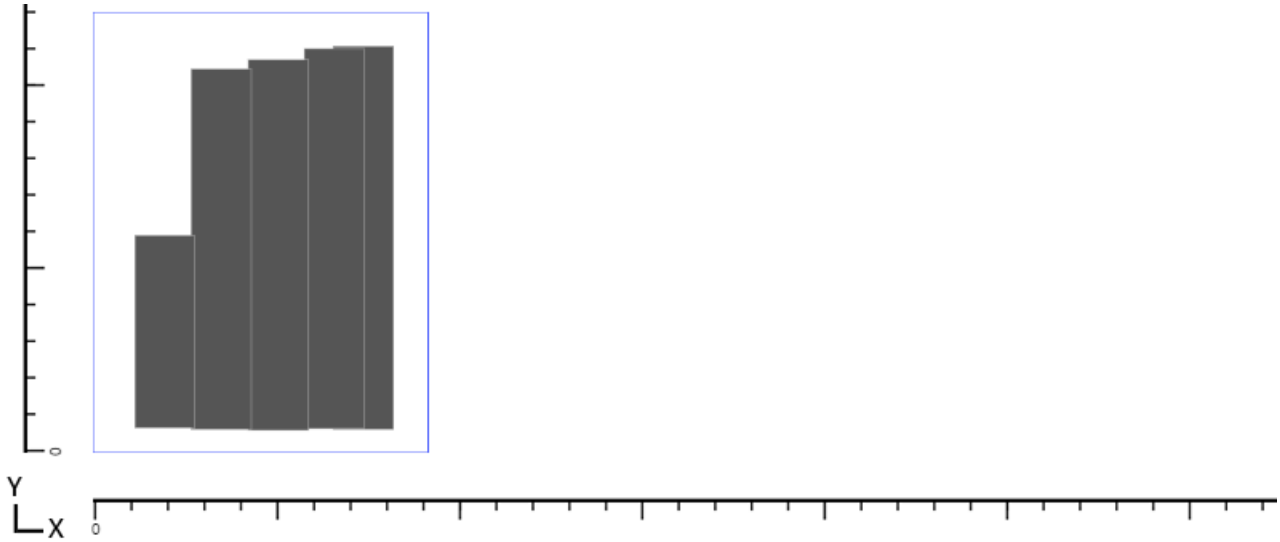
**Max Signal:** 33.3% **Length (X):** 178cm **Width (Y):** 232.99cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

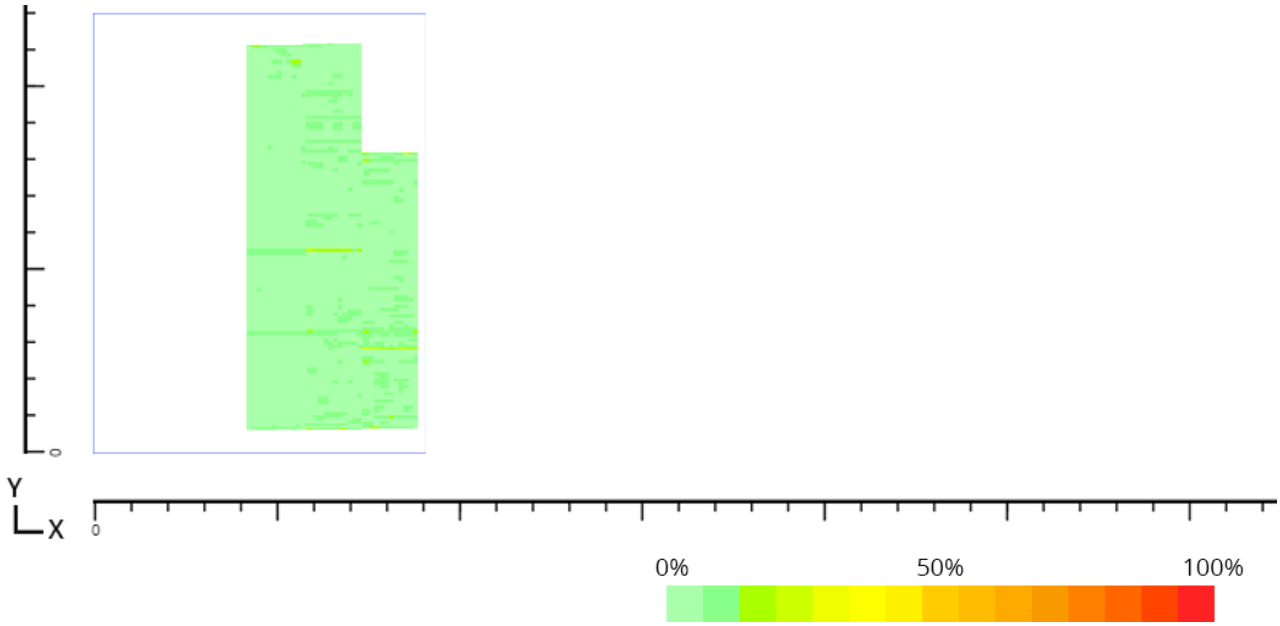


## Plate Number 5

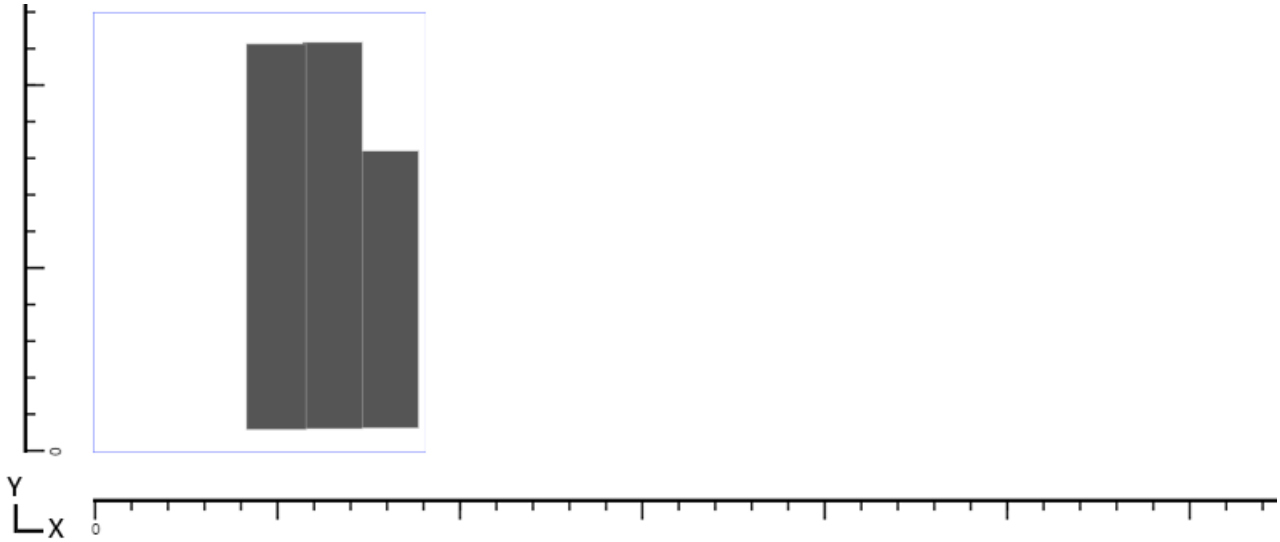
**Max Signal:** 33.3% **Length (X):** 178cm **Width (Y):** 235cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

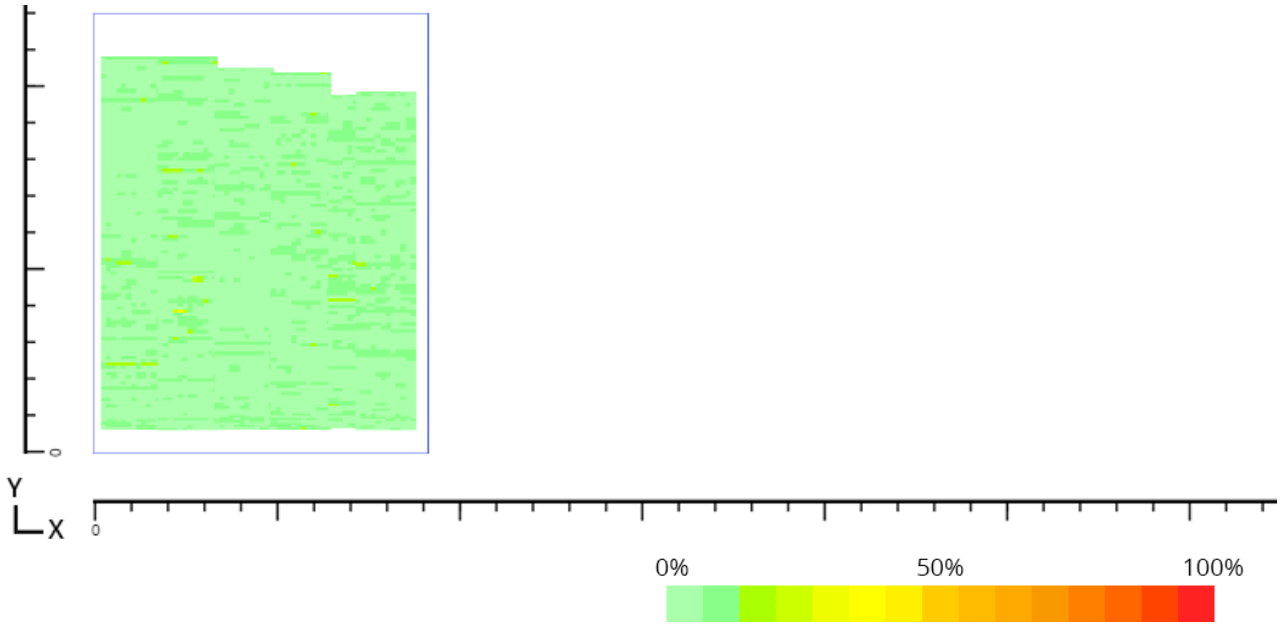


## Plate Number 6

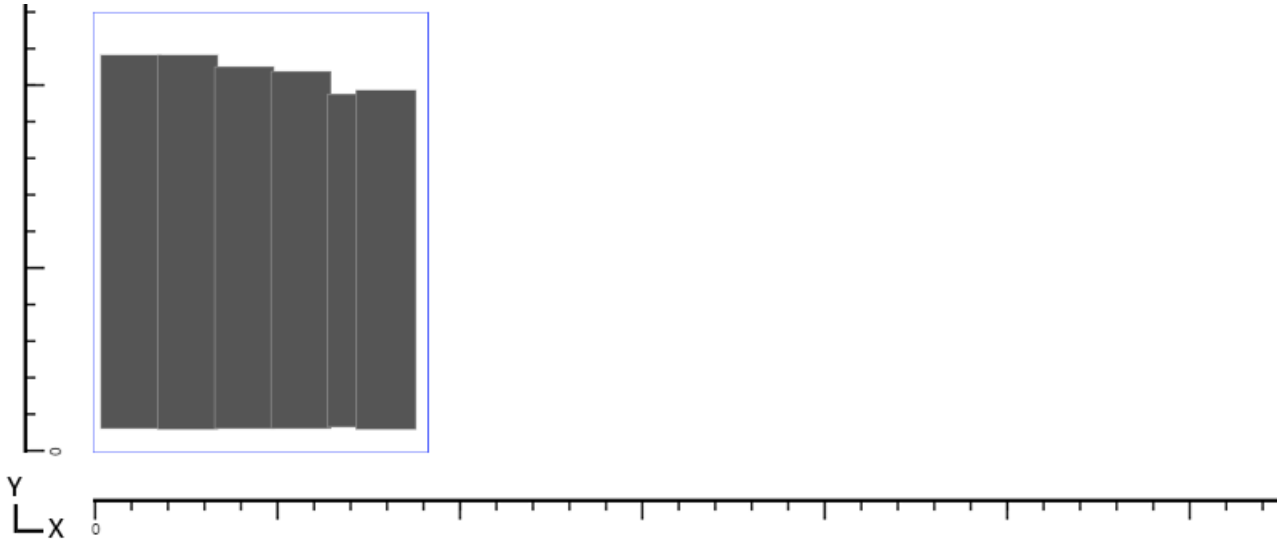
**Max Signal:** 33.3% **Length (X):** 178cm **Width (Y):** 232.99cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

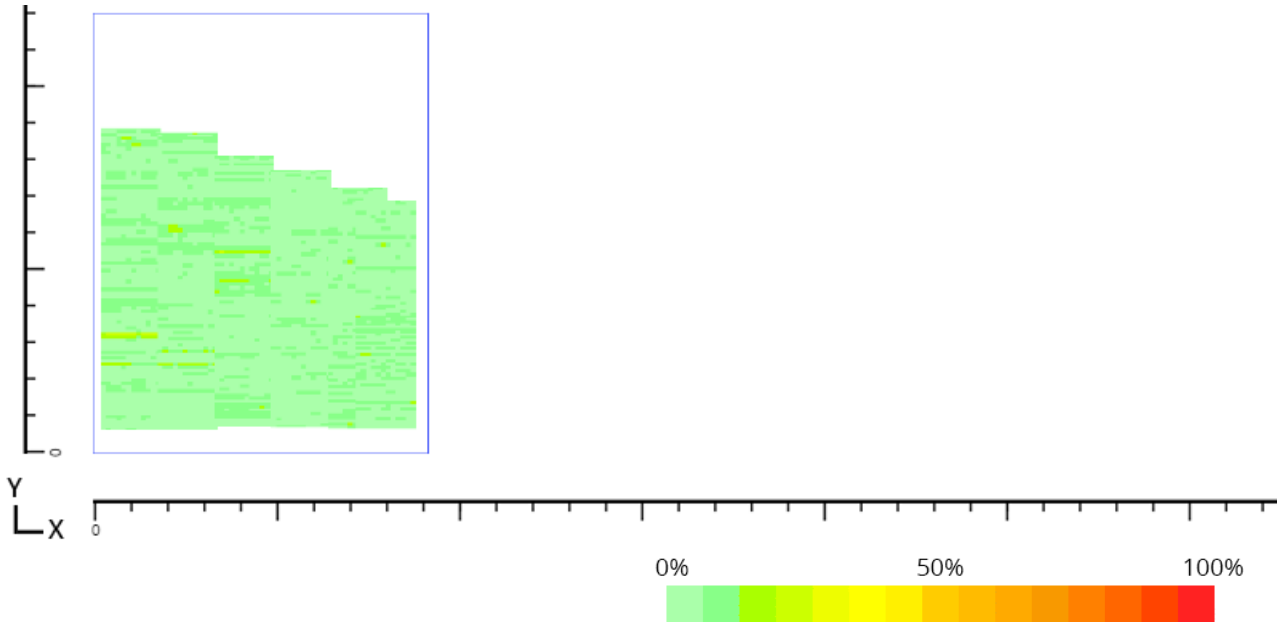


## Plate Number 7

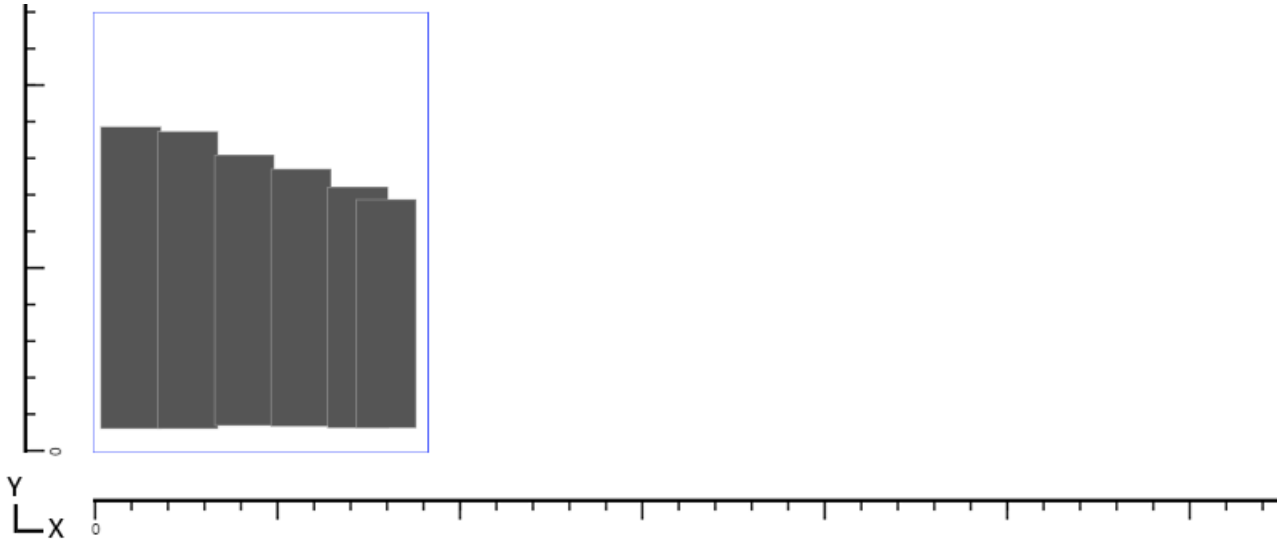
**Max Signal:** 26.7% **Length (X):** 178cm **Width (Y):** 232.99cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

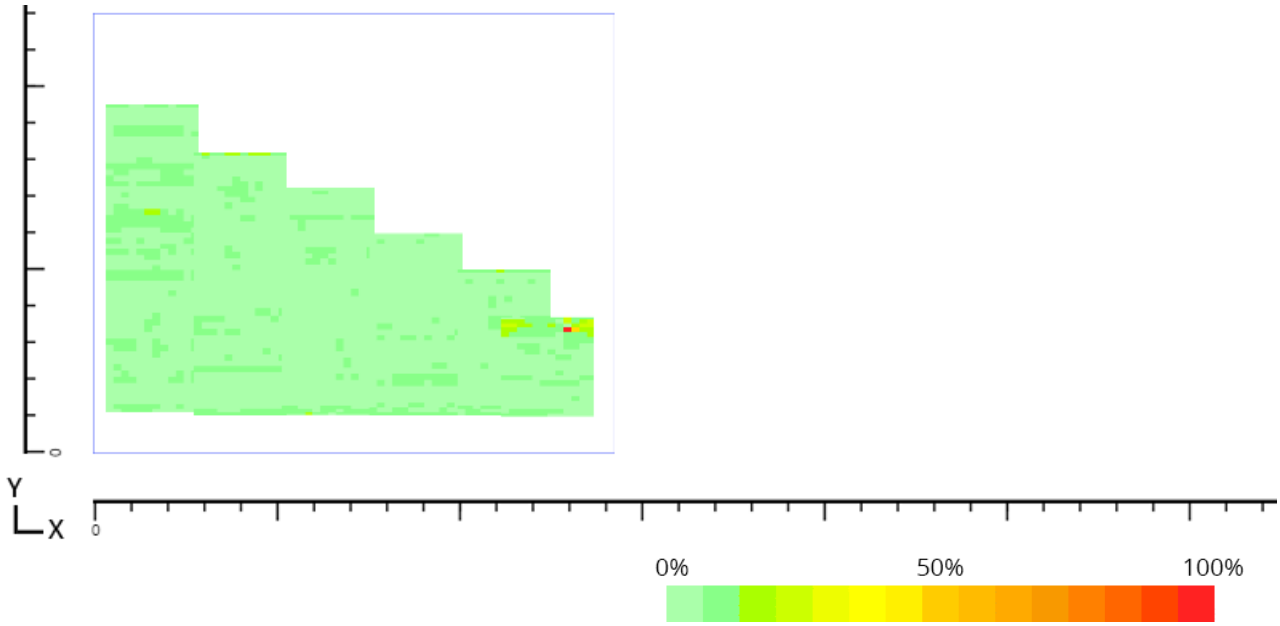


## Plate Number 8

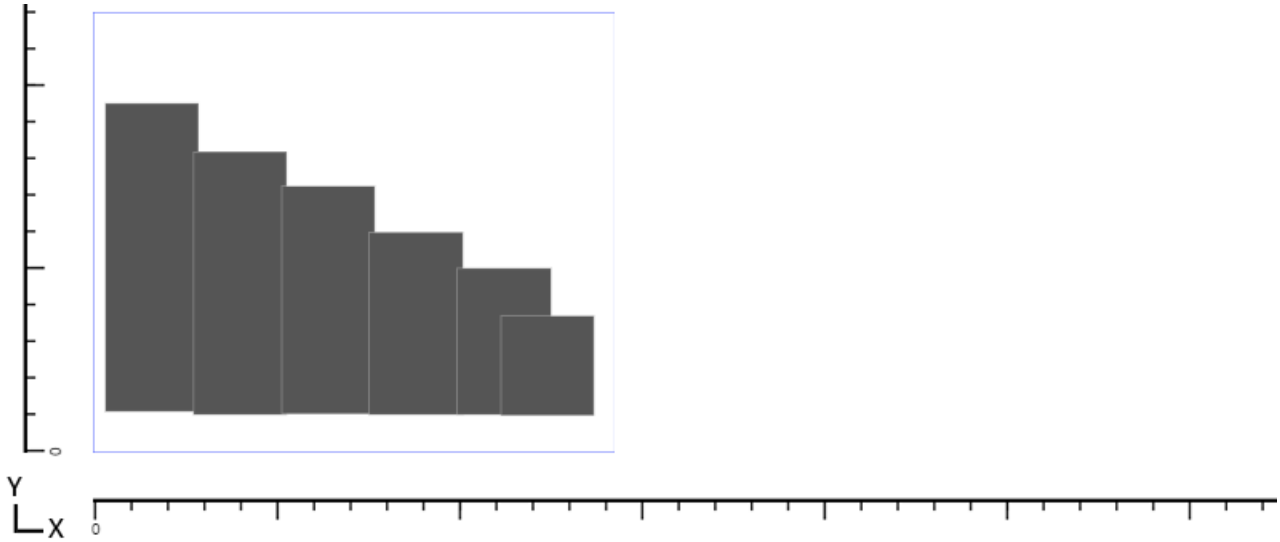
**Max Signal:** 100% **Length (X):** 178cm **Width (Y):** 150.01cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

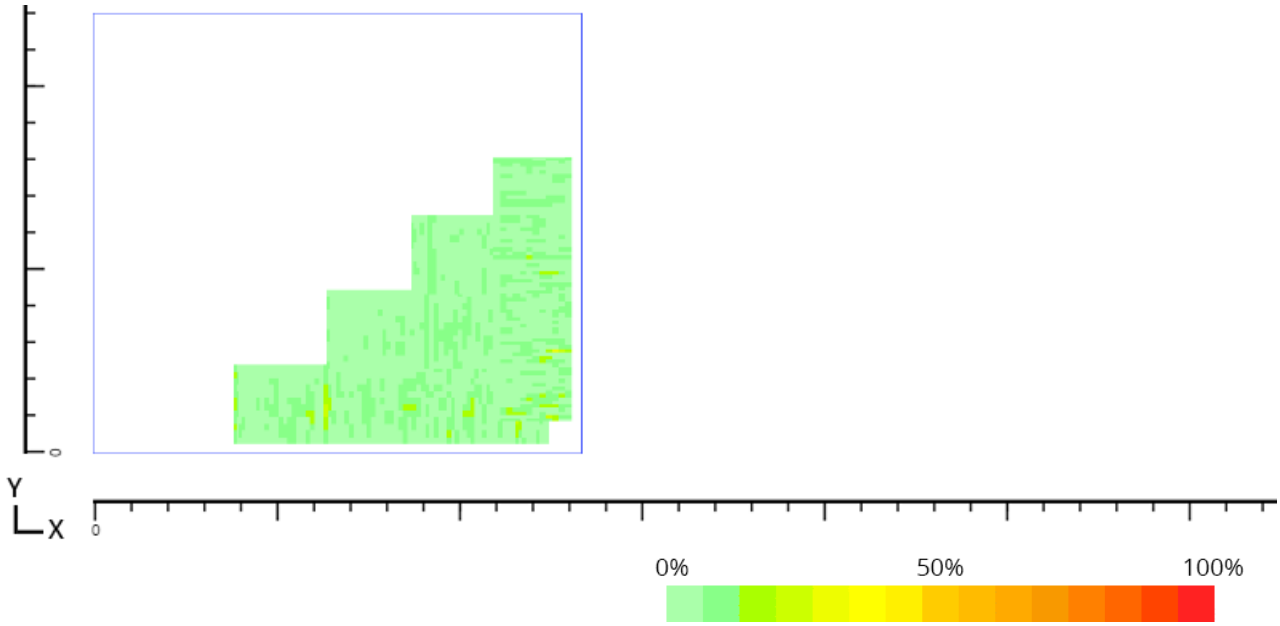


## Plate Number 10

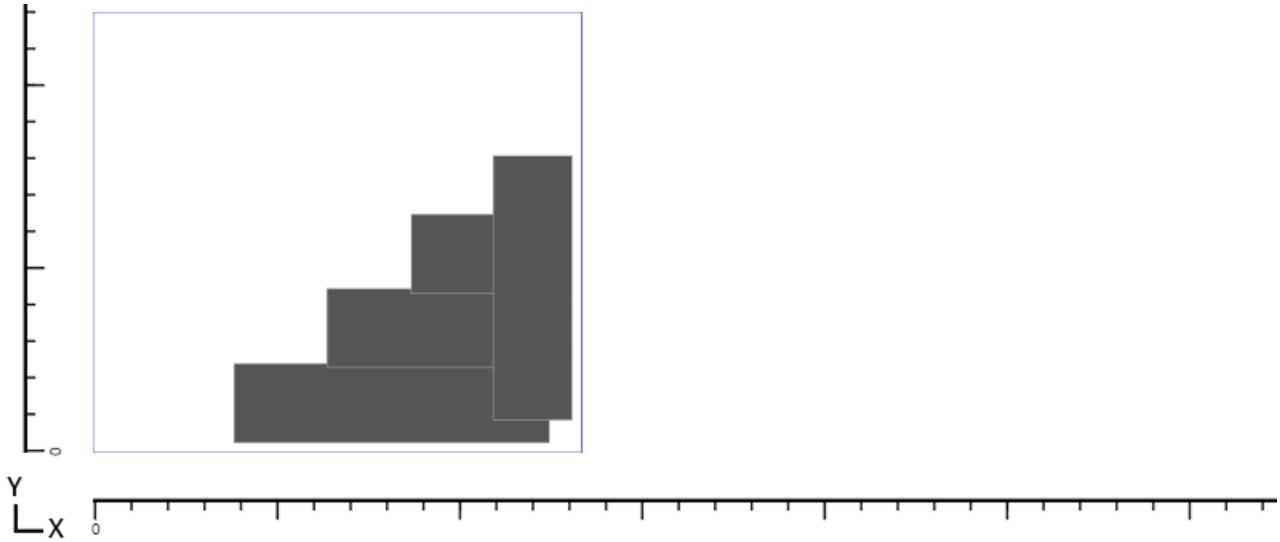
**Max Signal:** 33.3% **Length (X):** 197.99cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 11

**Max Signal:** 46.7%

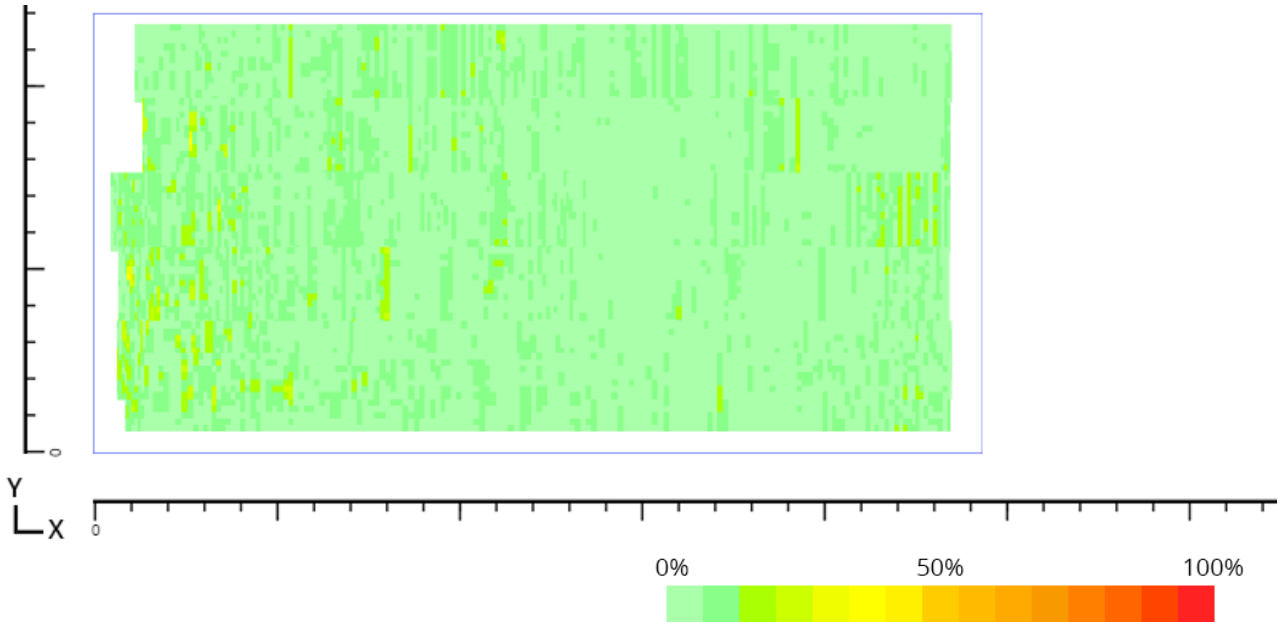
**Length (X):** 359.99cm

**Width (Y):** 178cm

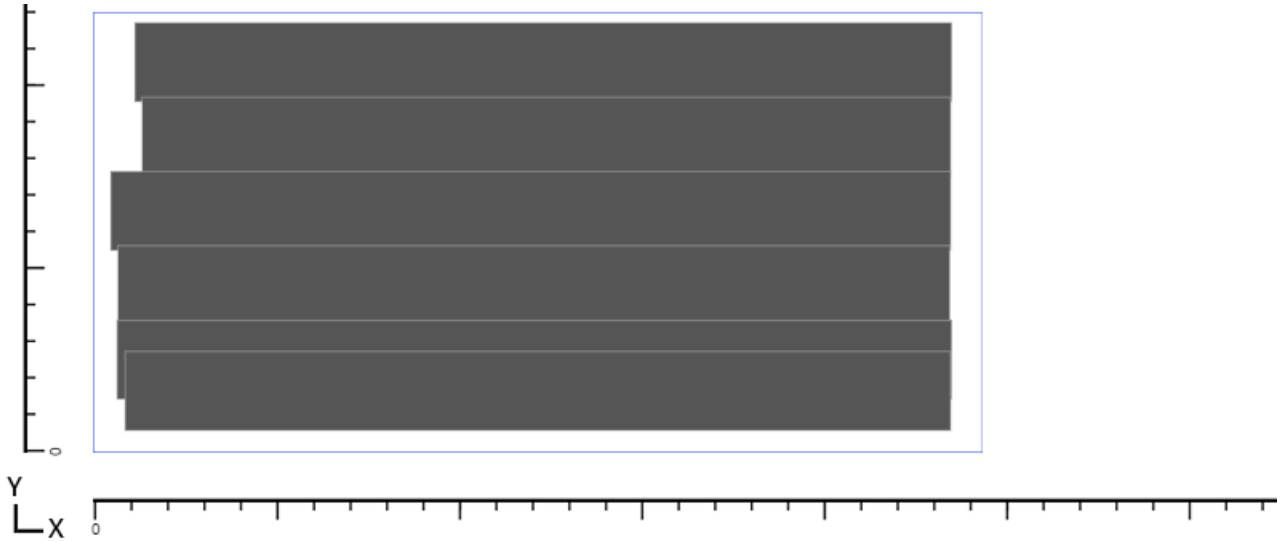
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

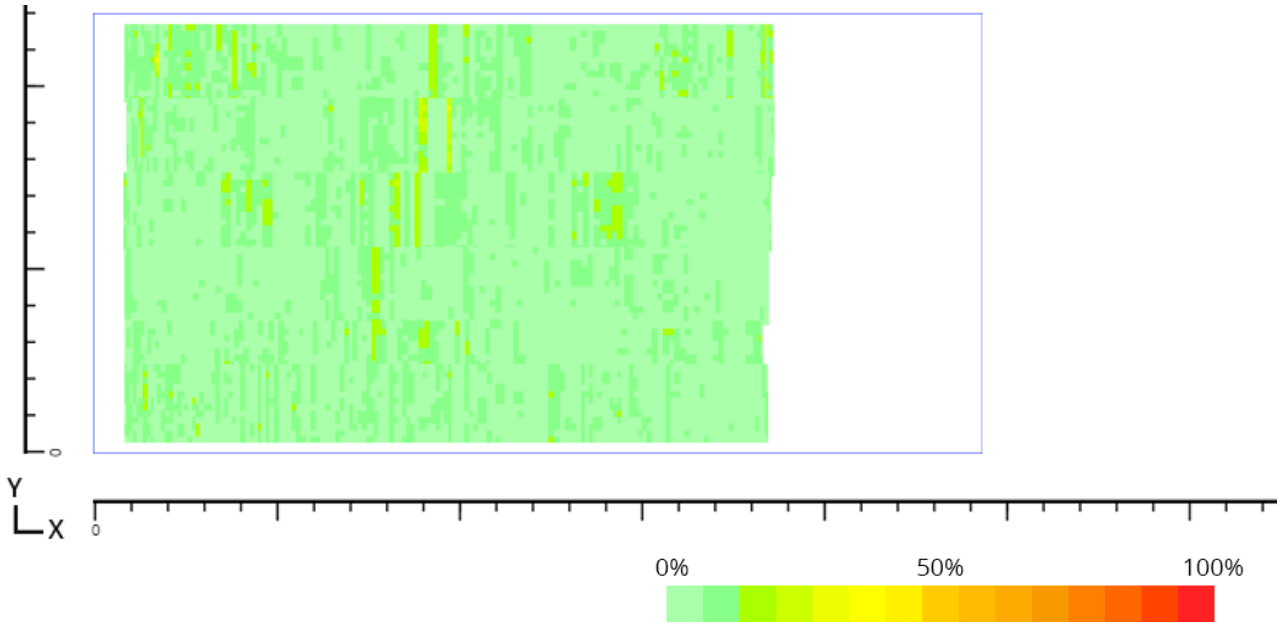


## Plate Number 12

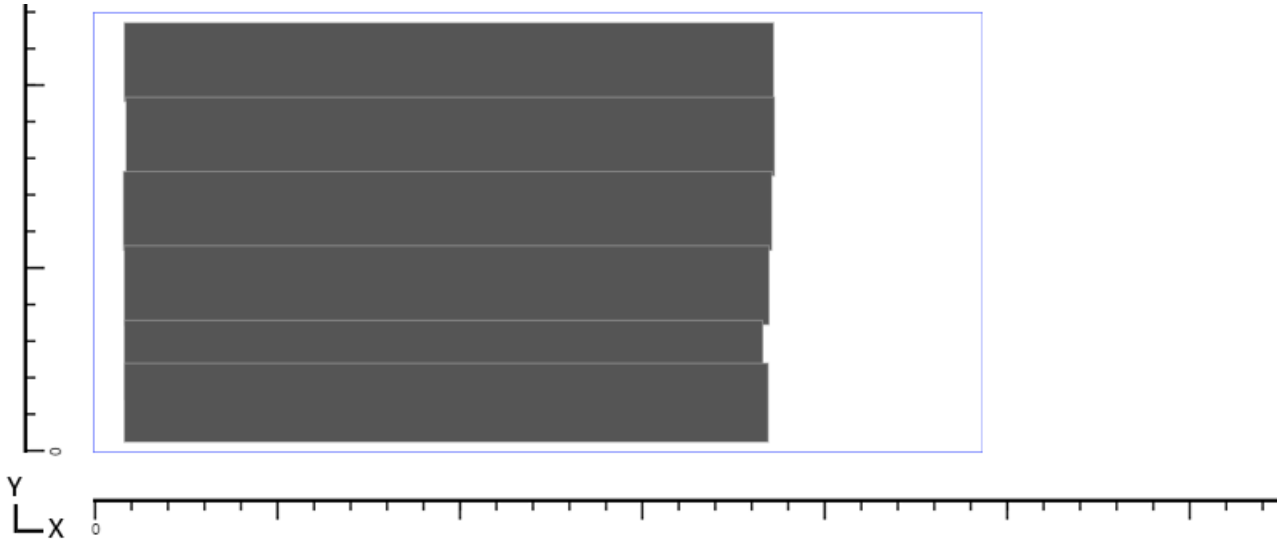
**Max Signal:** 33.3% **Length (X):** 359.99cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 13

**Max Signal:** 26.7%

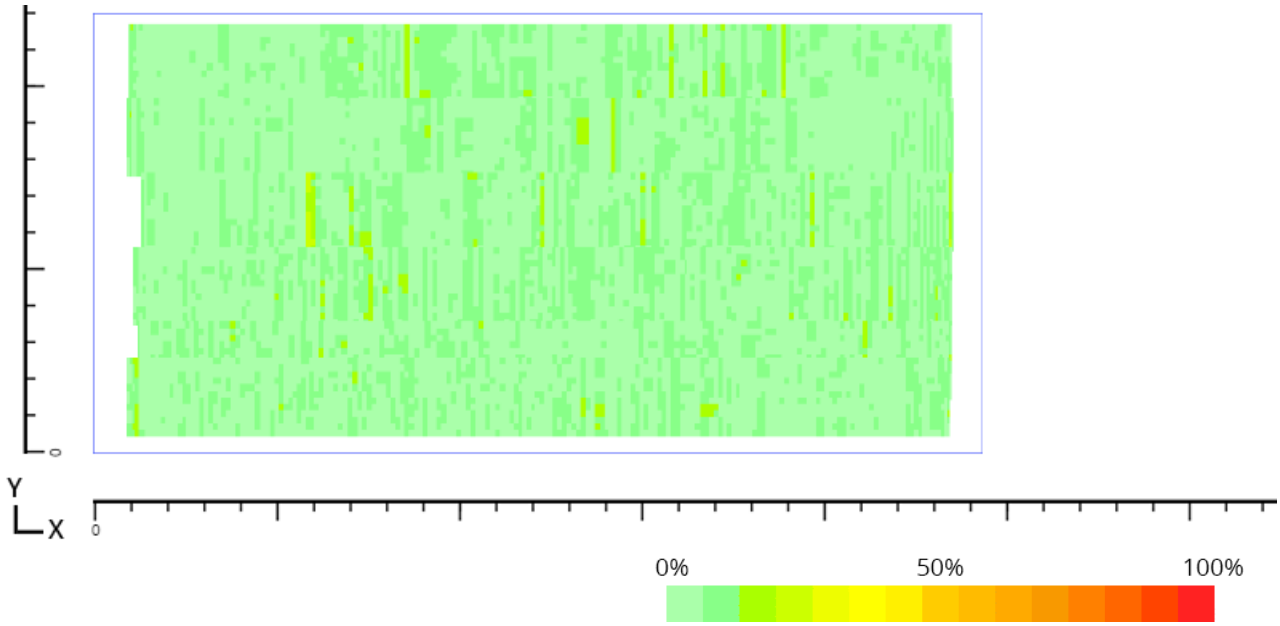
**Length (X):** 359.99cm

**Width (Y):** 178cm

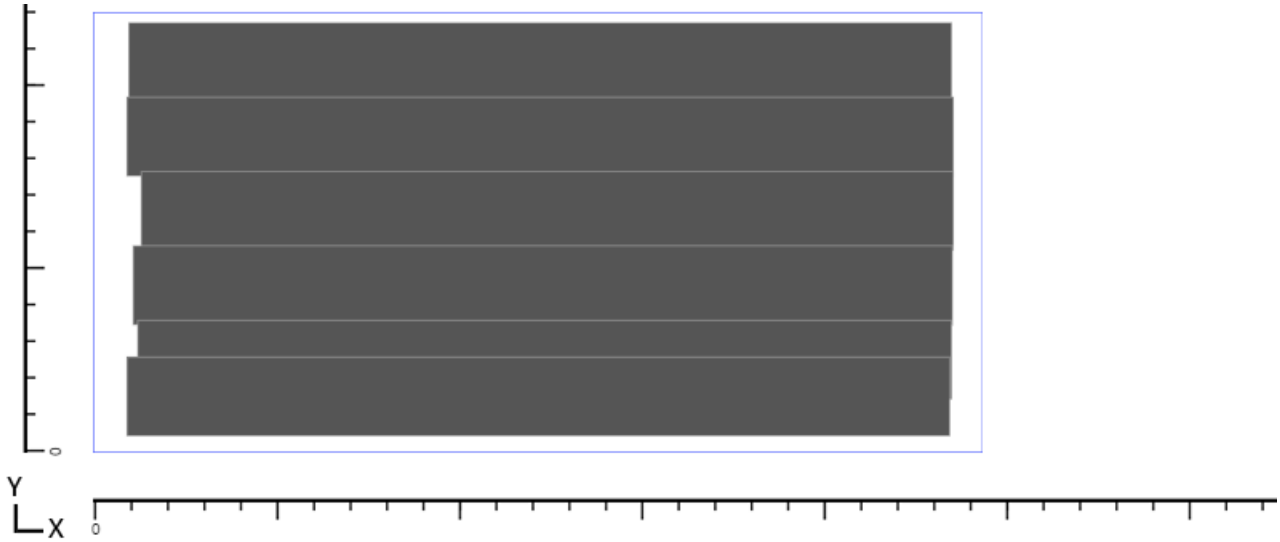
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 14

**Max Signal:** 46.7%

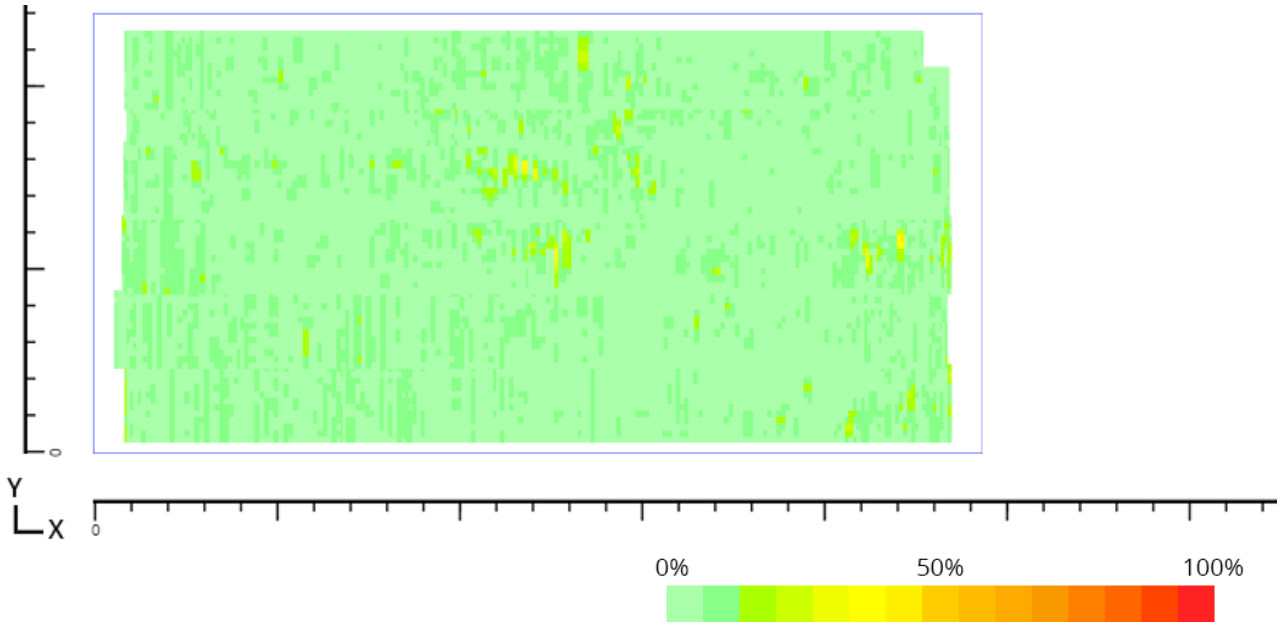
**Length (X):** 359.99cm

**Width (Y):** 178cm

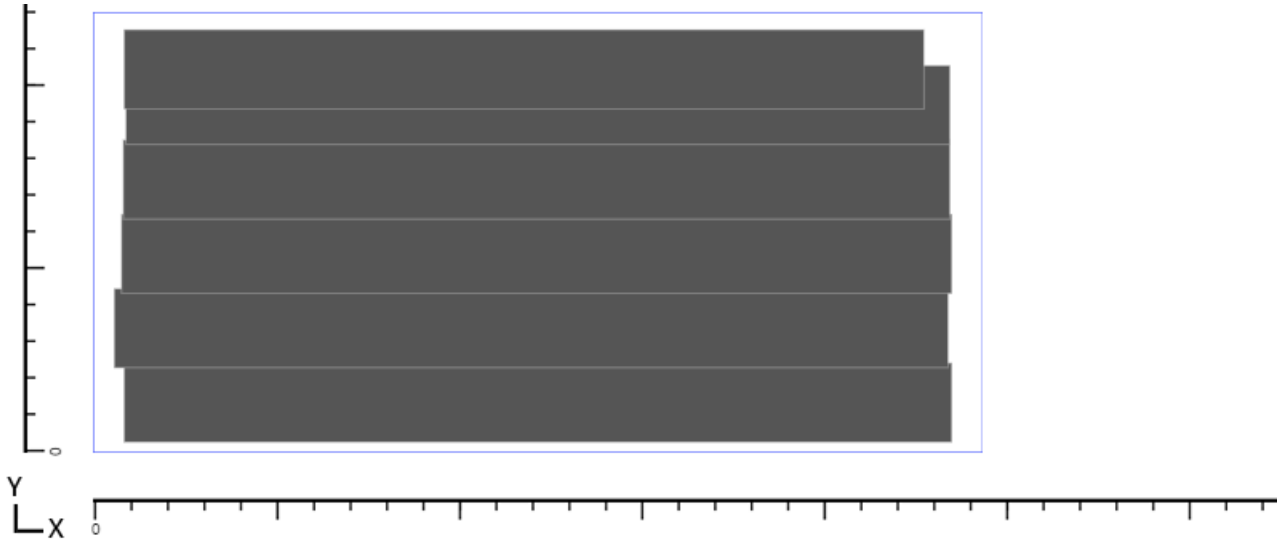
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 15

**Max Signal:** 40%

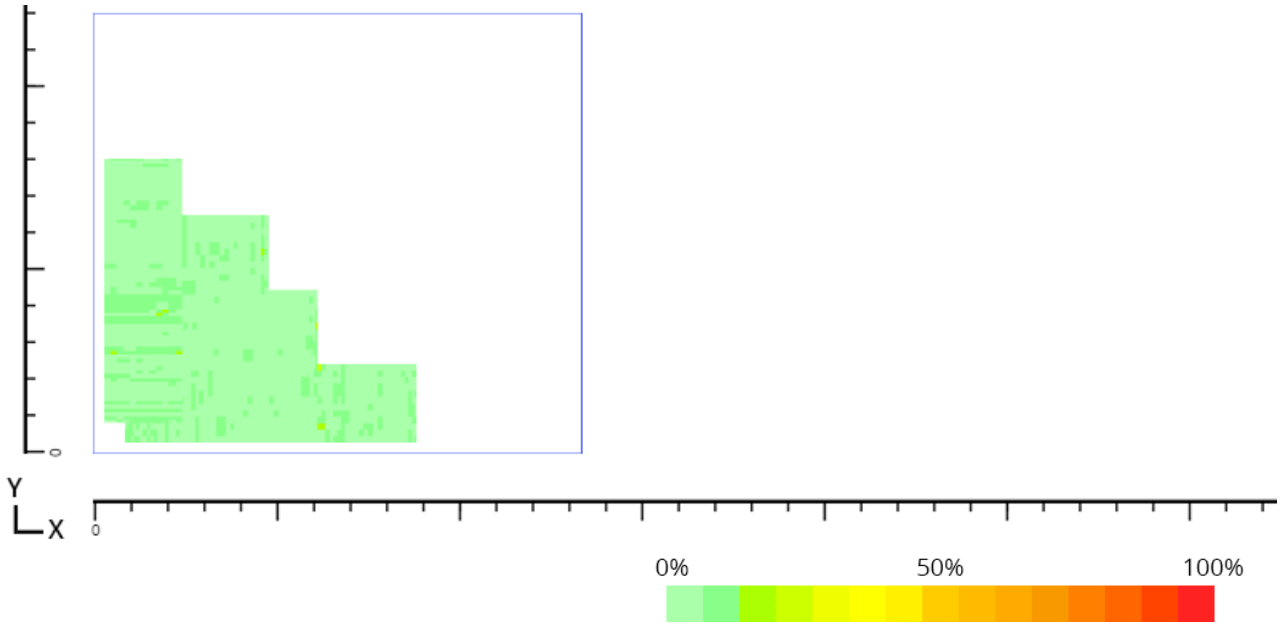
**Length (X):** 197.99cm

**Width (Y):** 178cm

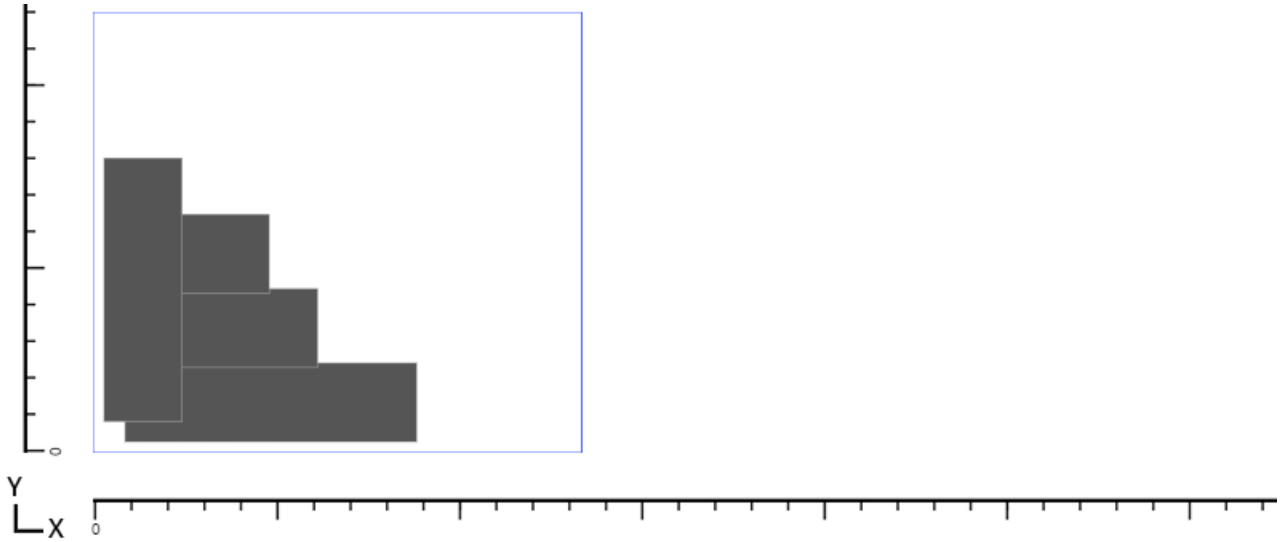
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

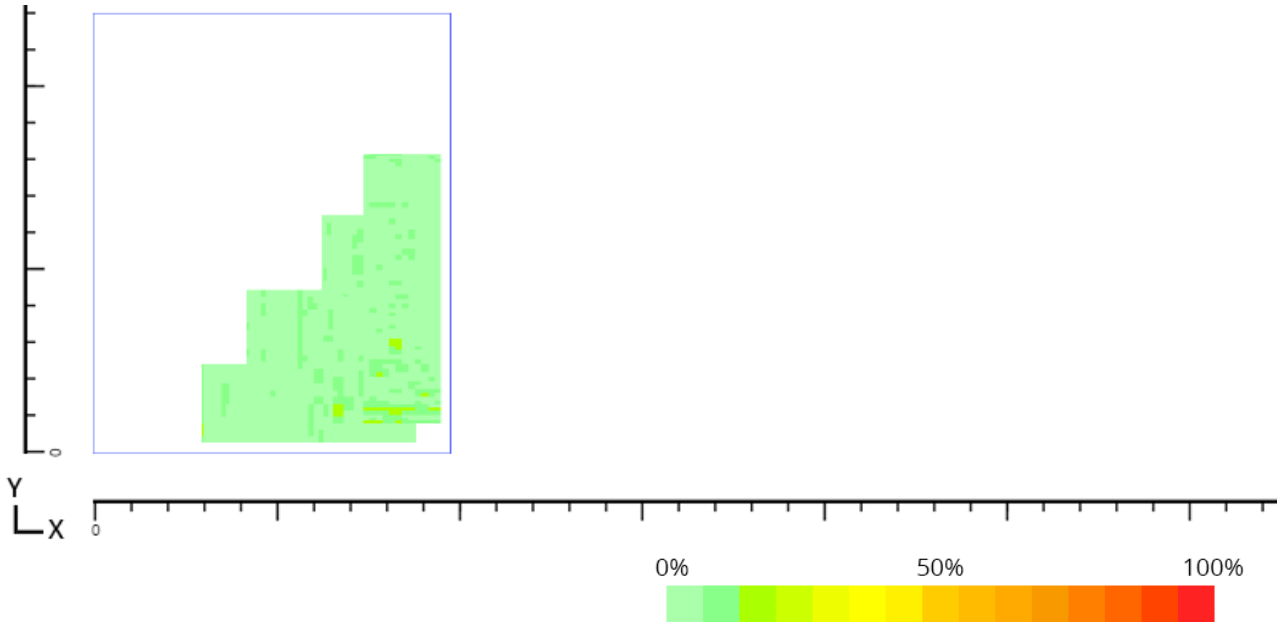


## Plate Number 16

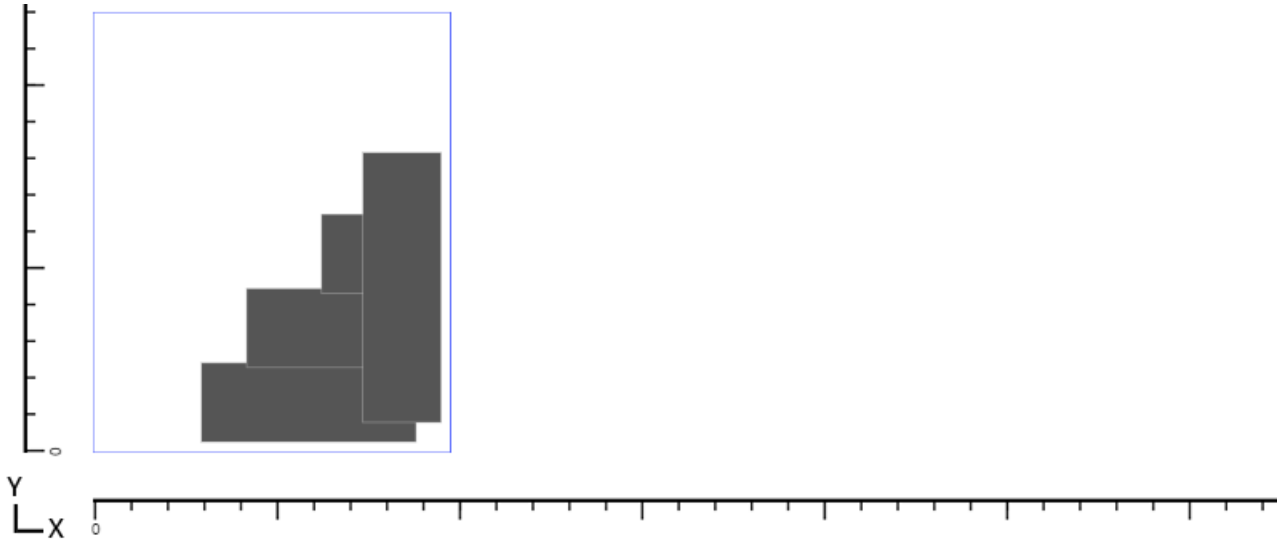
**Max Signal:** 20% **Length (X):** 145.01cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 17

**Max Signal:** 46.7%

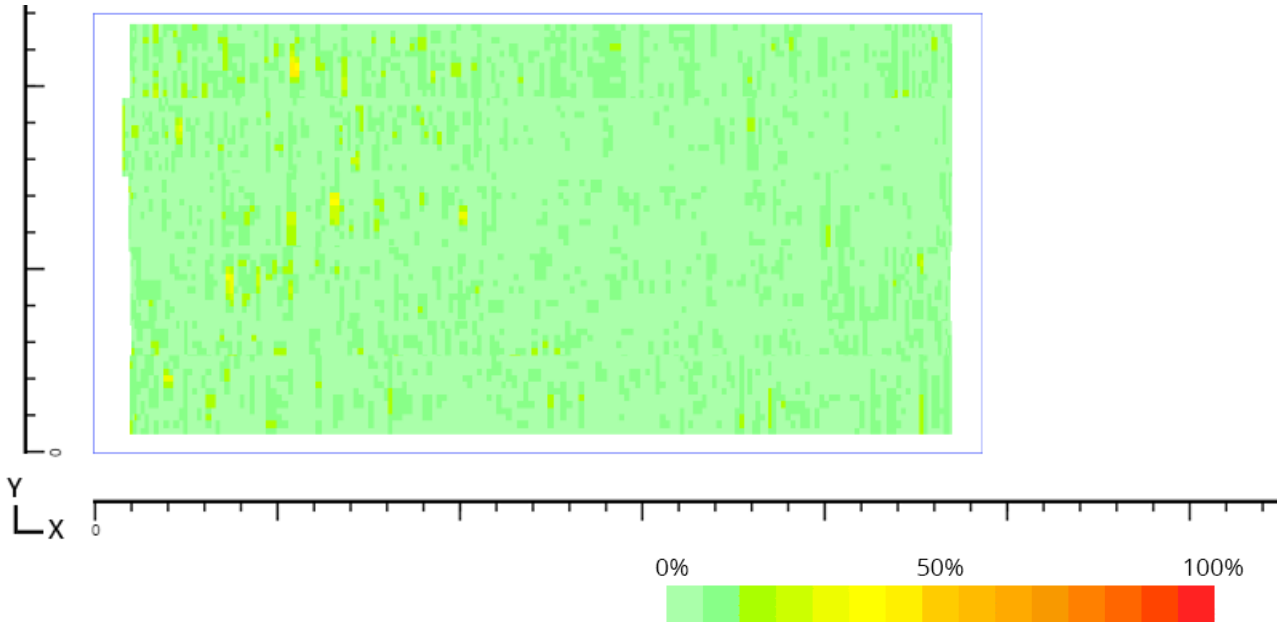
**Length (X):** 359.99cm

**Width (Y):** 178cm

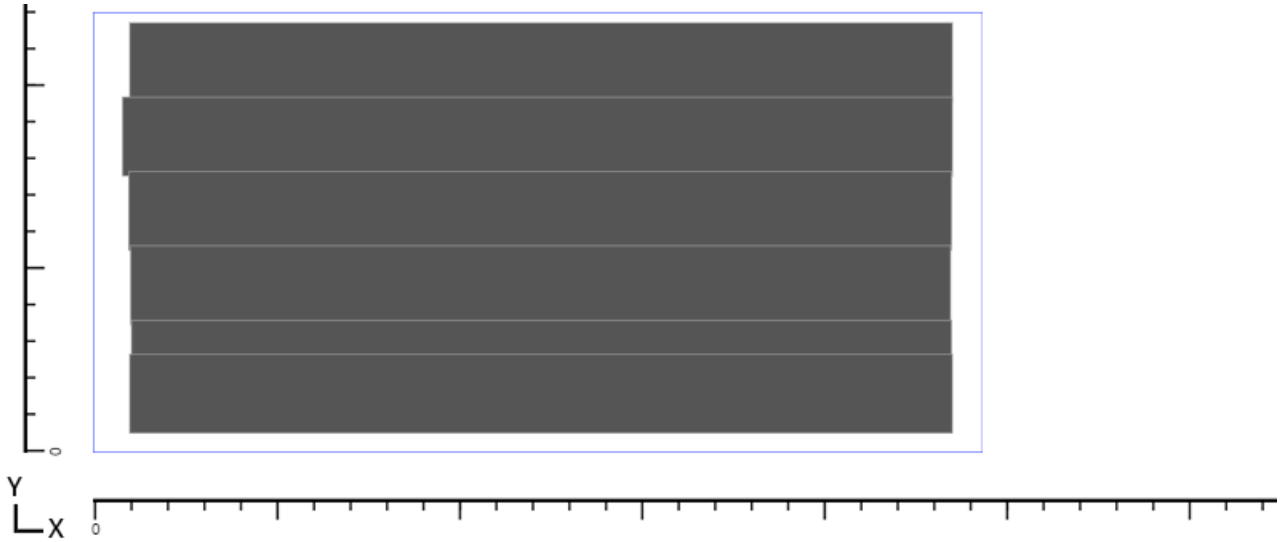
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 18

**Max Signal:** 33.3%

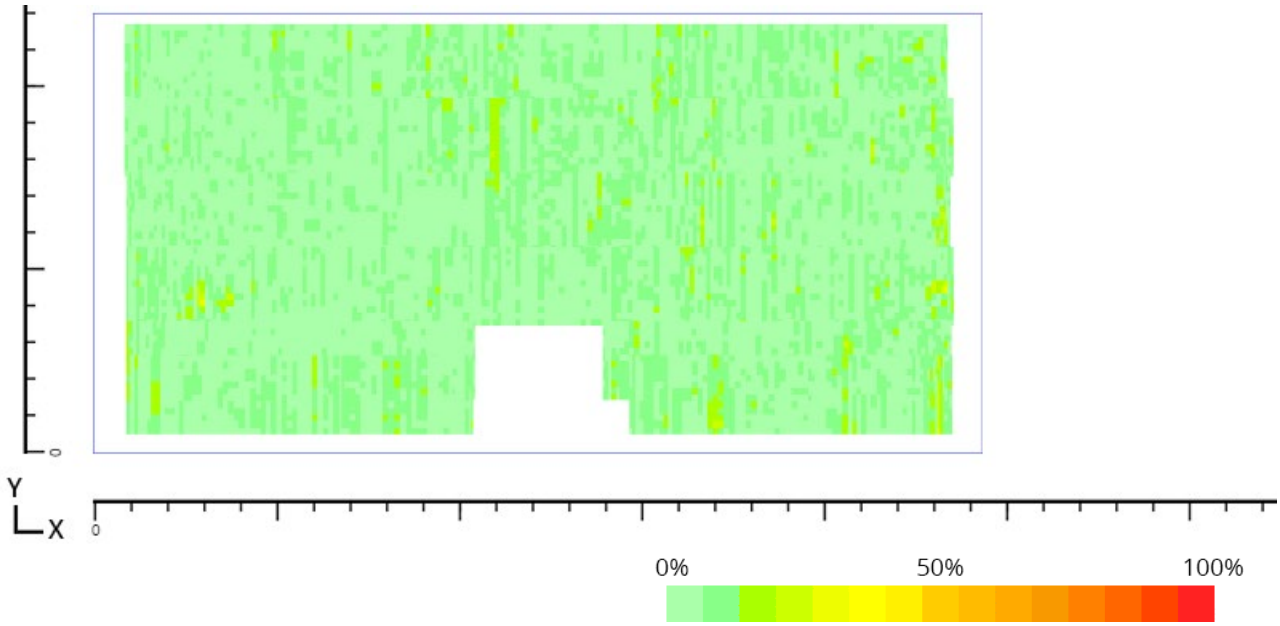
**Length (X):** 359.99cm

**Width (Y):** 178cm

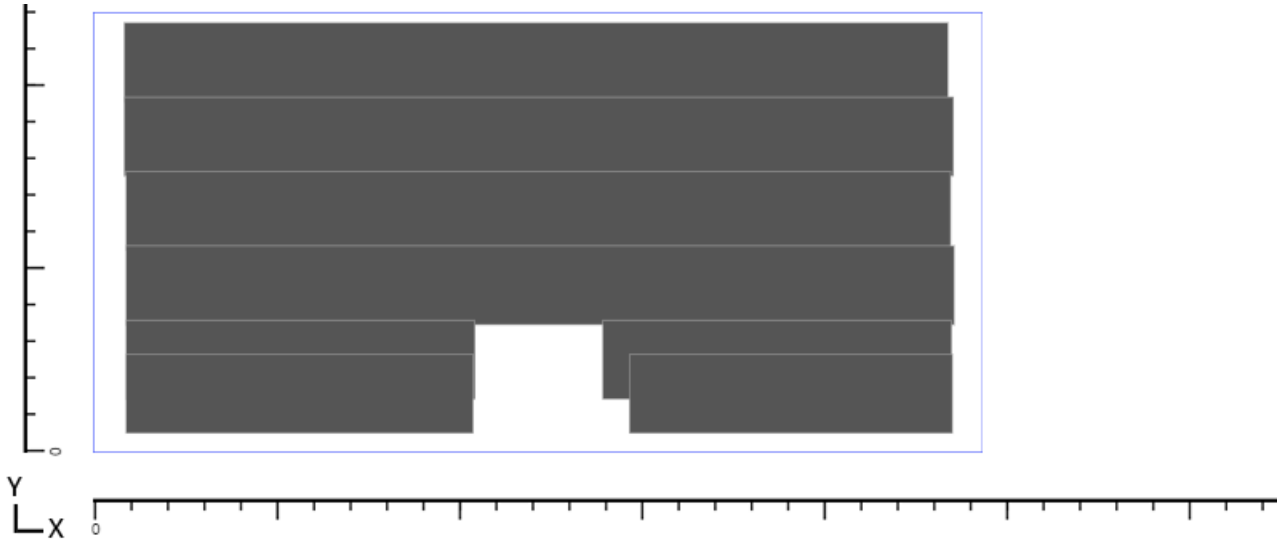
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 19

**Max Signal:** 26.7%

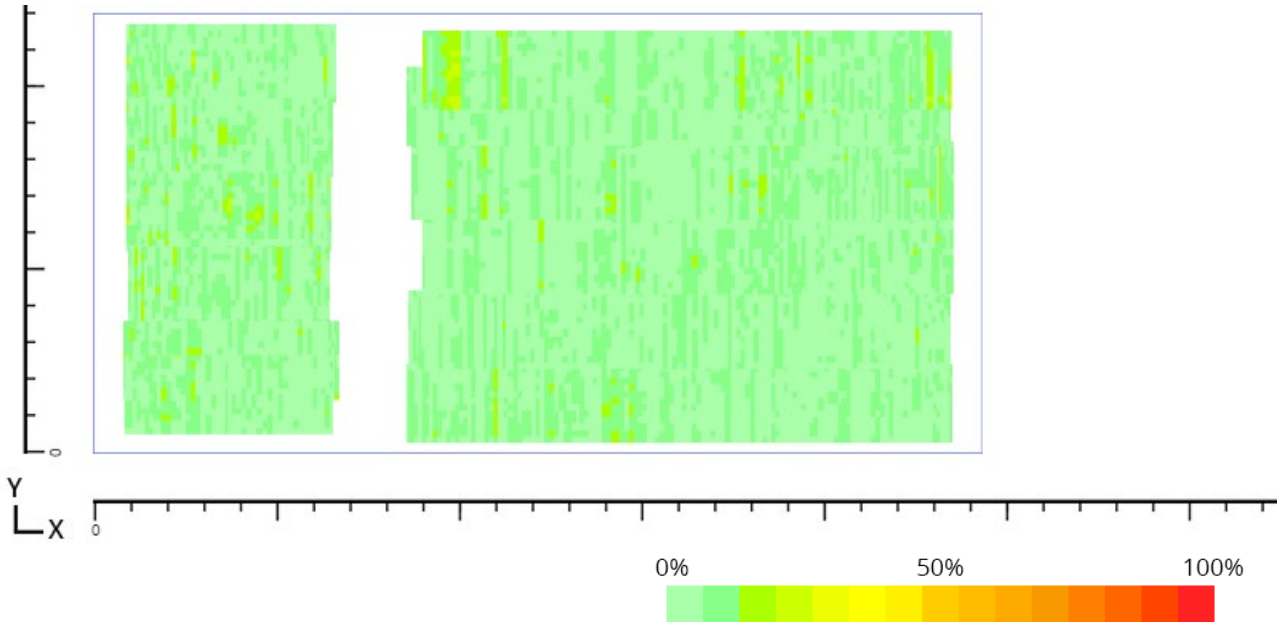
**Length (X):** 359.99cm

**Width (Y):** 178cm

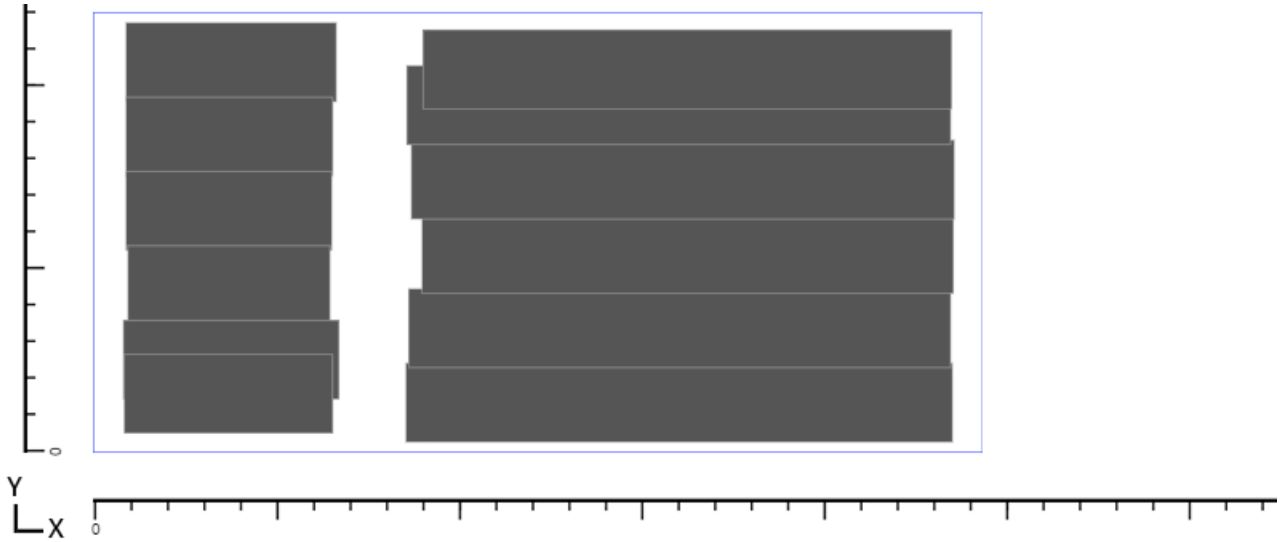
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 20

**Max Signal:** 60%

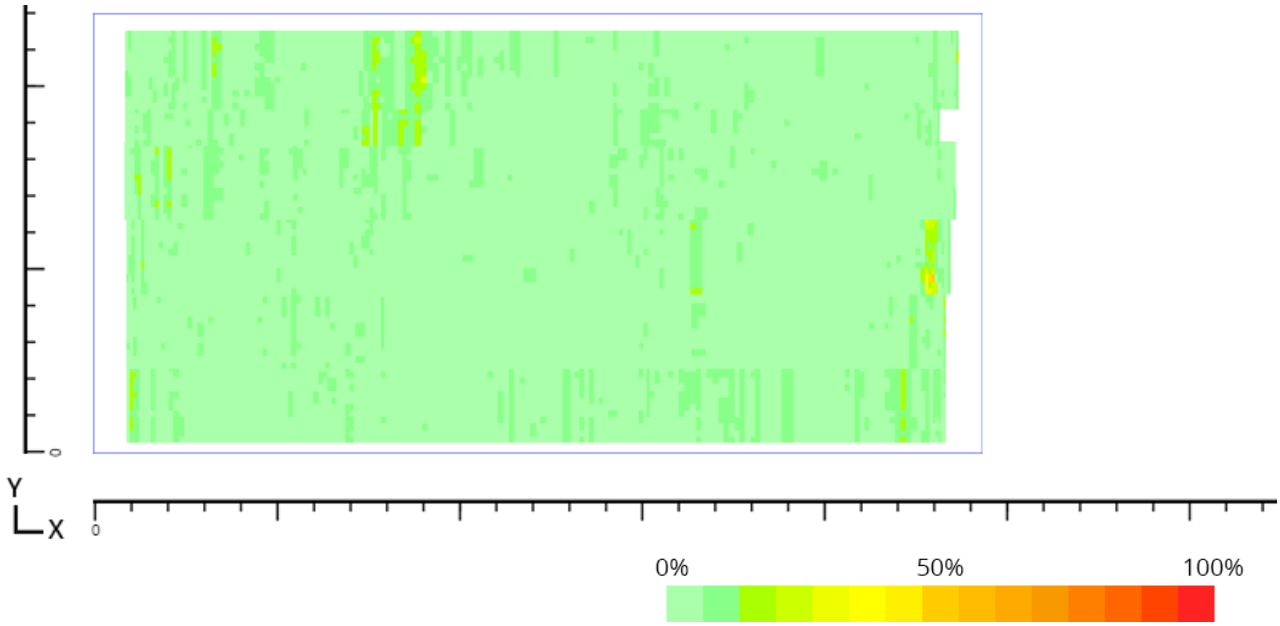
**Length (X):** 359.99cm

**Width (Y):** 178cm

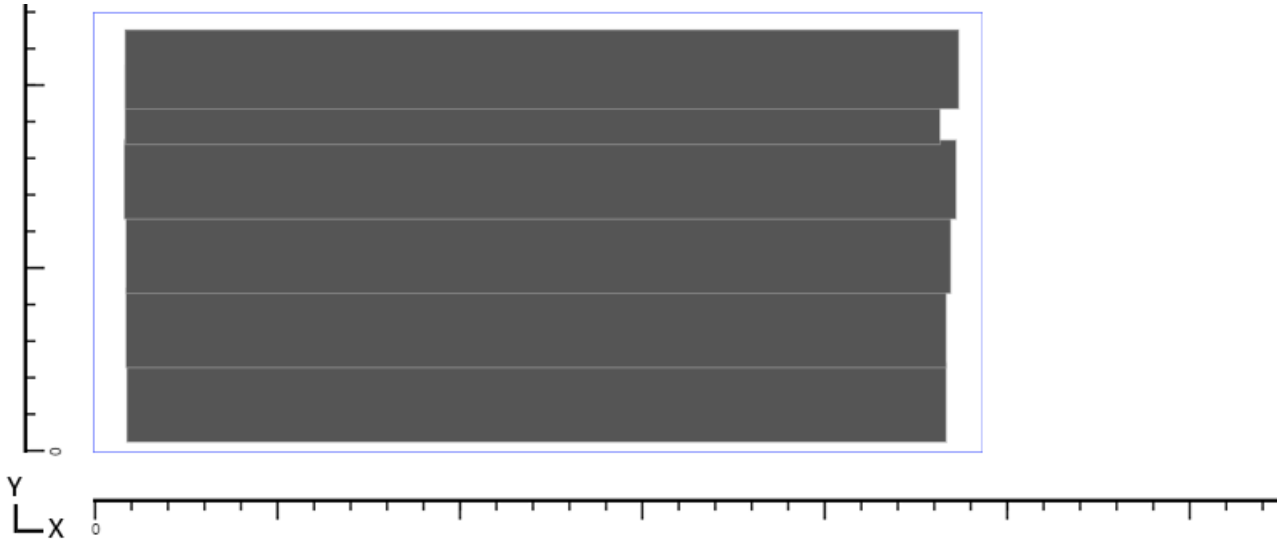
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 21

**Max Signal:** 26.7%

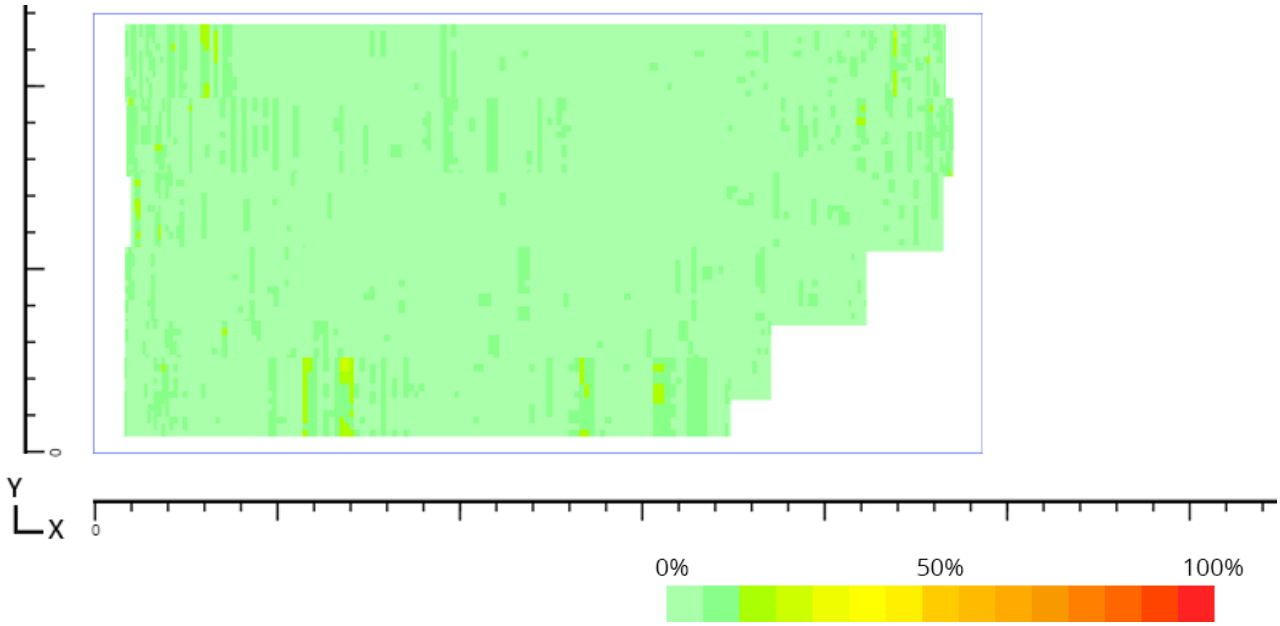
**Length (X):** 359.99cm

**Width (Y):** 178cm

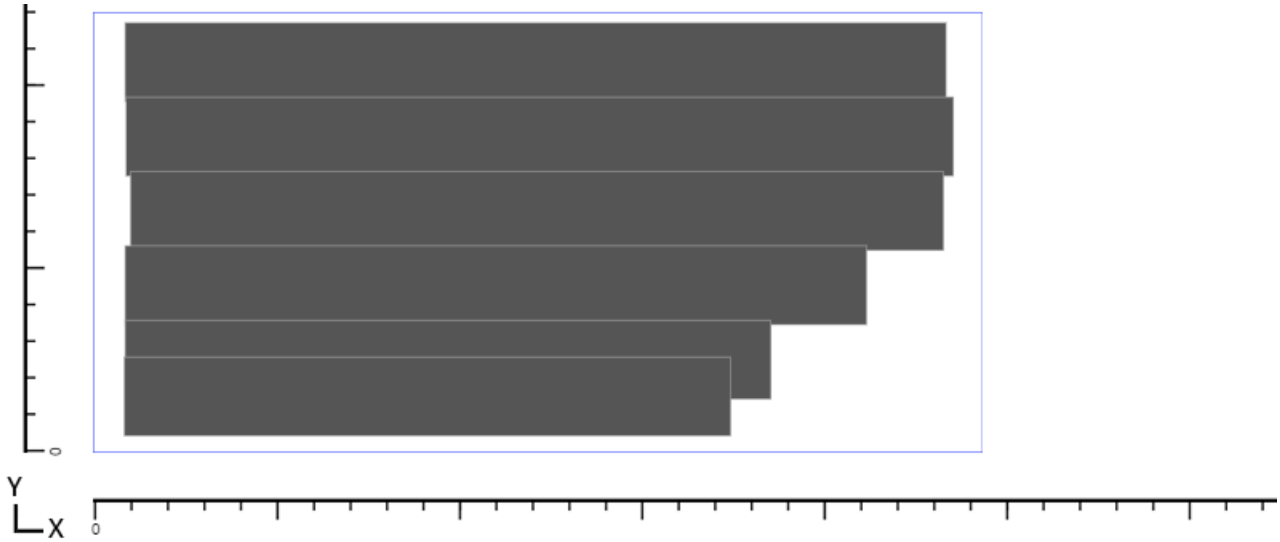
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

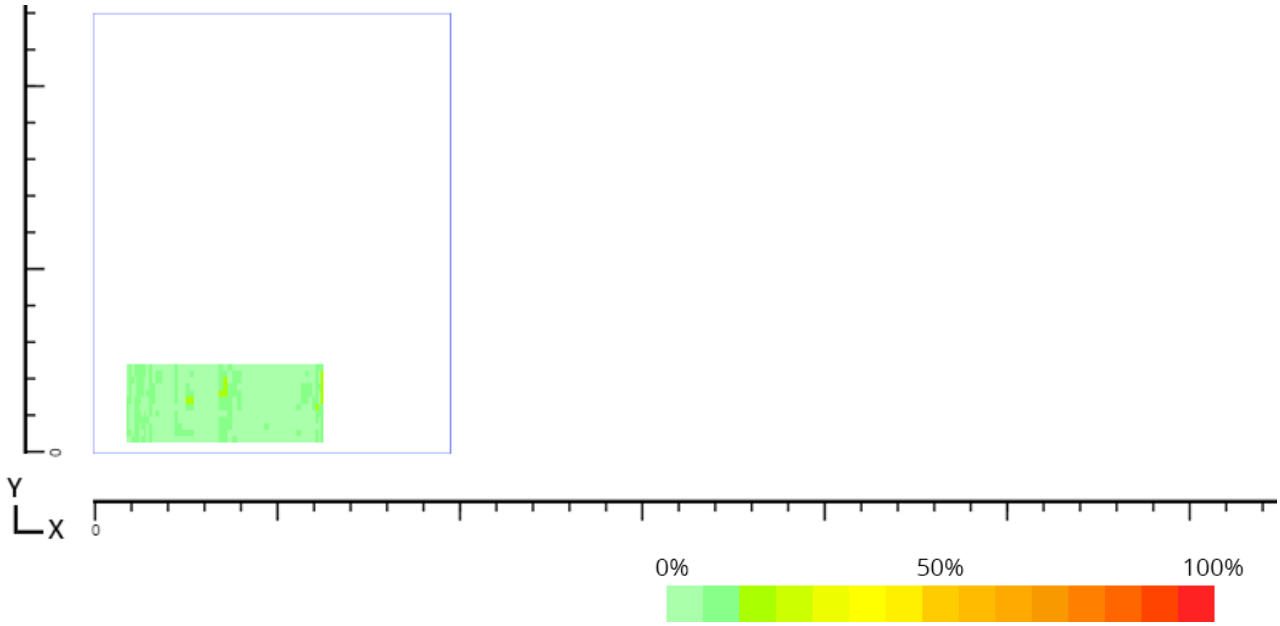


## Plate Number 22

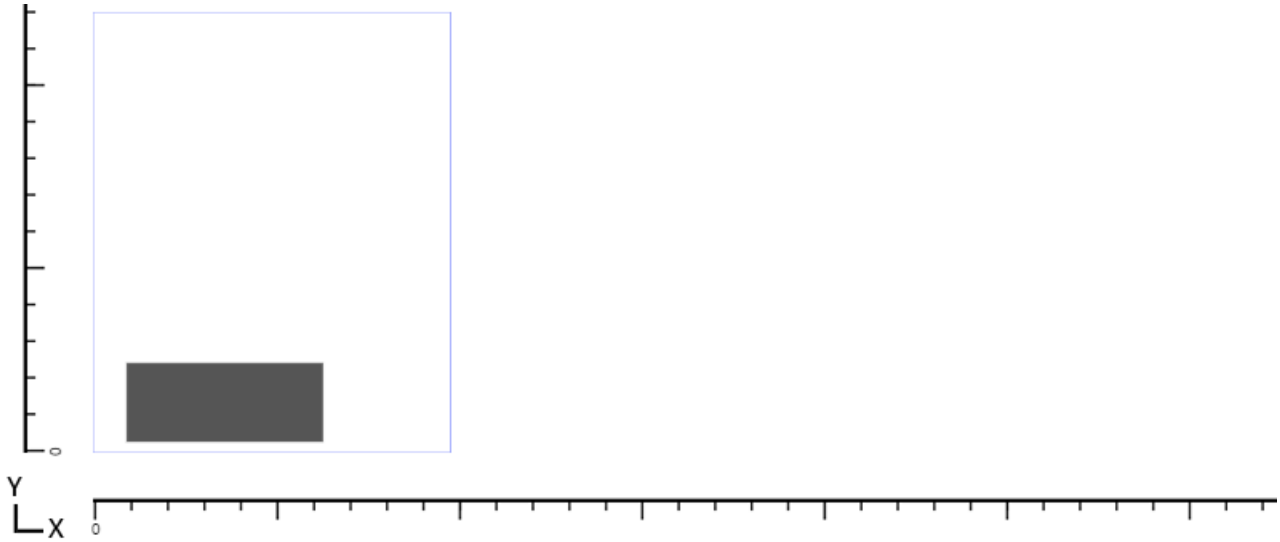
**Max Signal:** 20% **Length (X):** 145.01cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 24

**Max Signal:** 46.7%

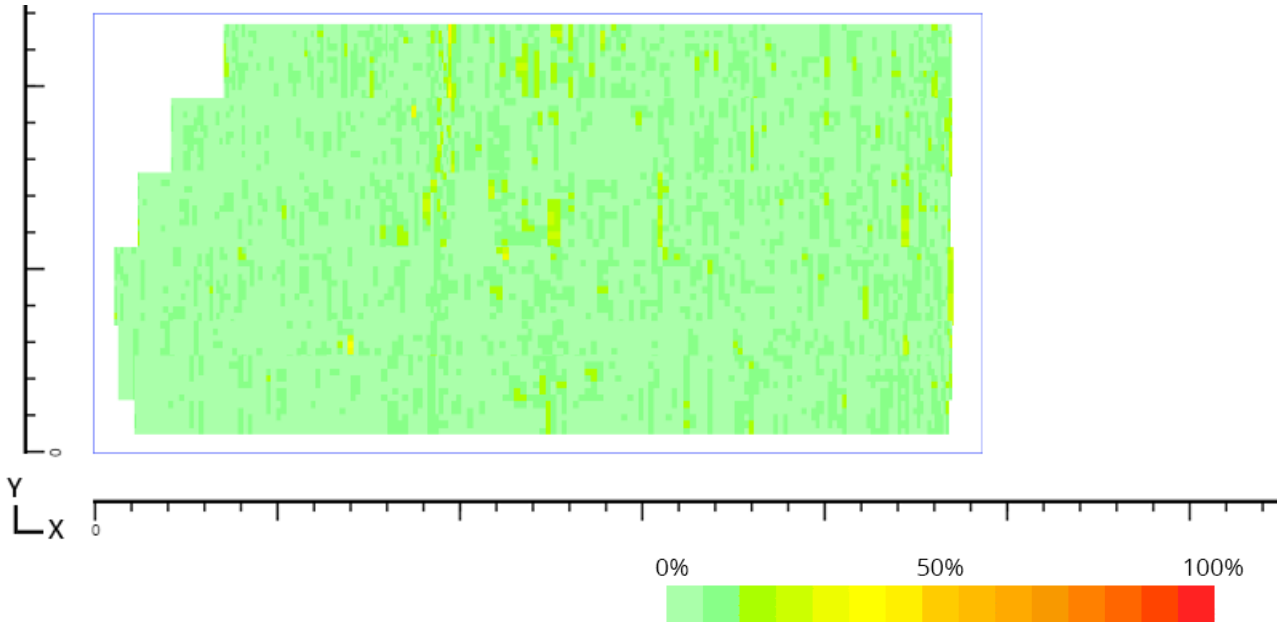
**Length (X):** 359.99cm

**Width (Y):** 178cm

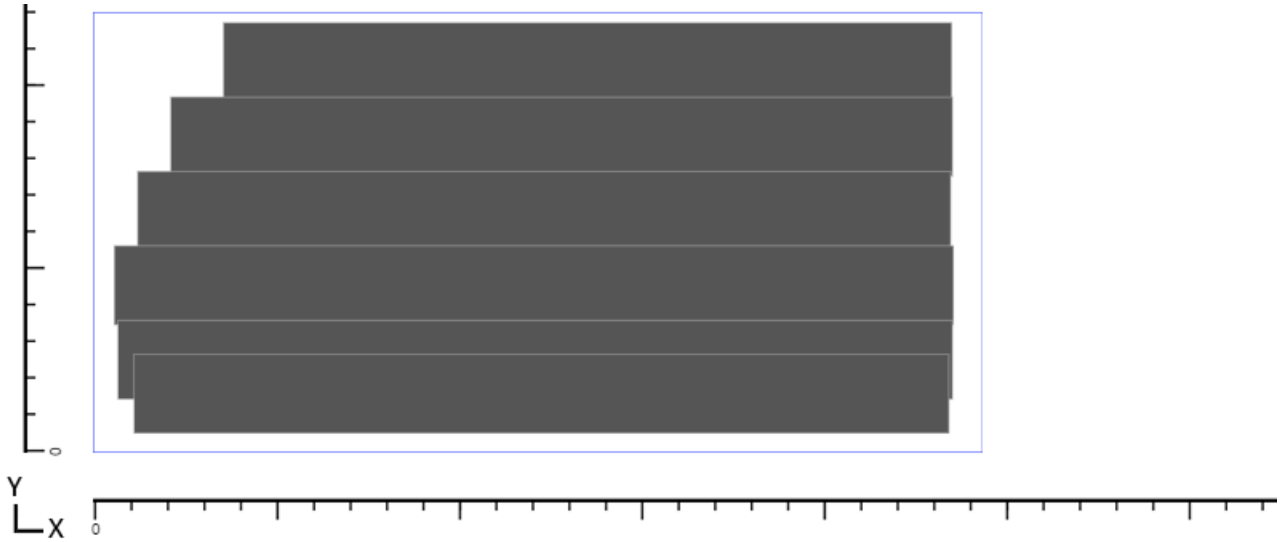
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 25

**Max Signal:** 33.3%

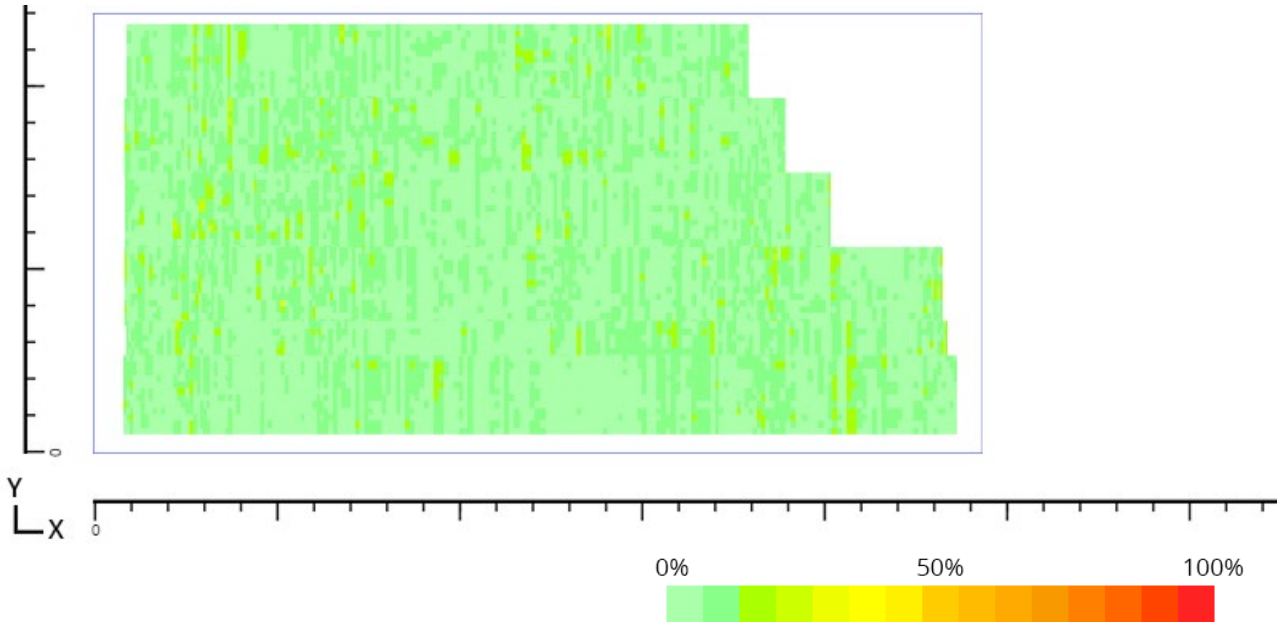
**Length (X):** 359.99cm

**Width (Y):** 178cm

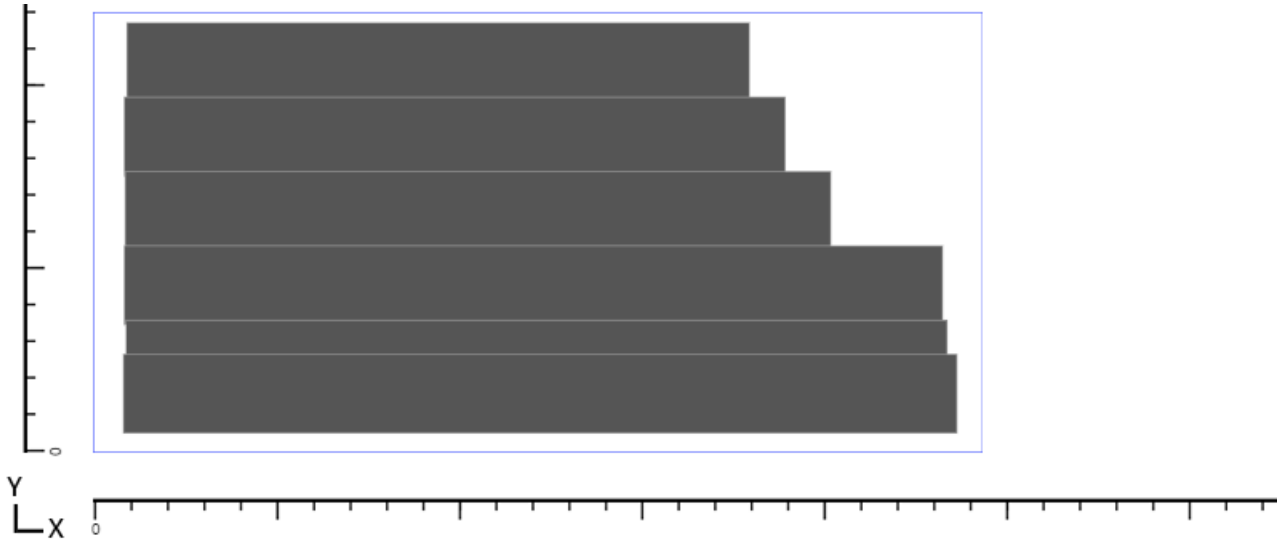
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 26

**Max Signal:** 33.3%

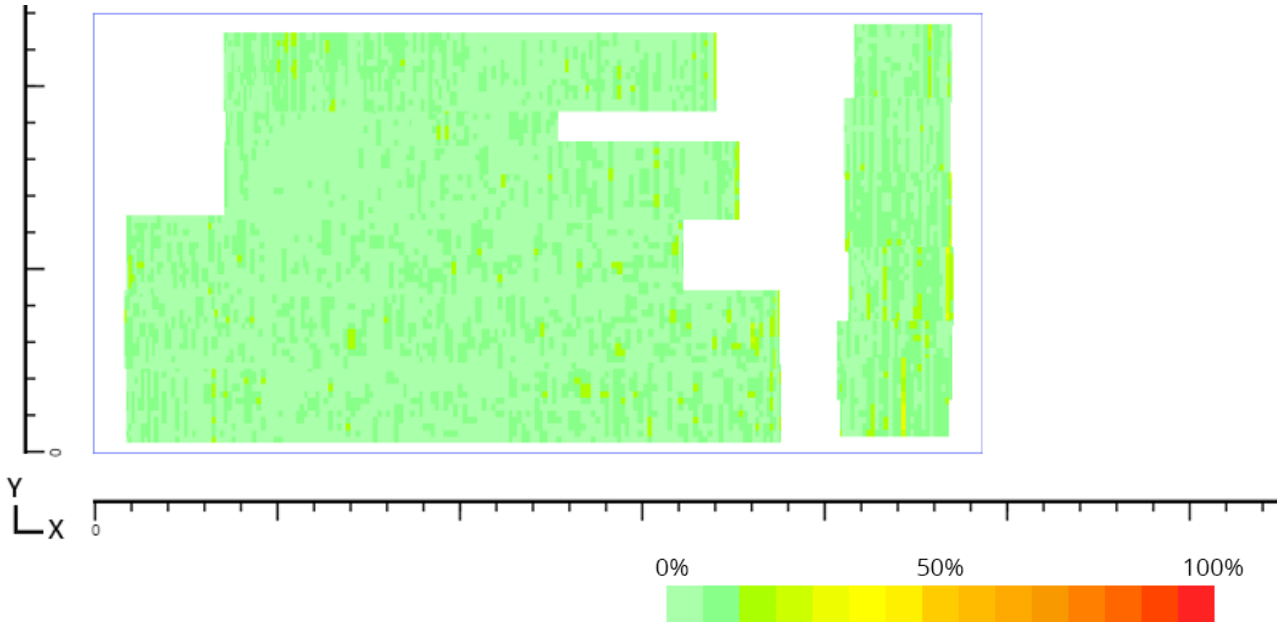
**Length (X):** 359.99cm

**Width (Y):** 178cm

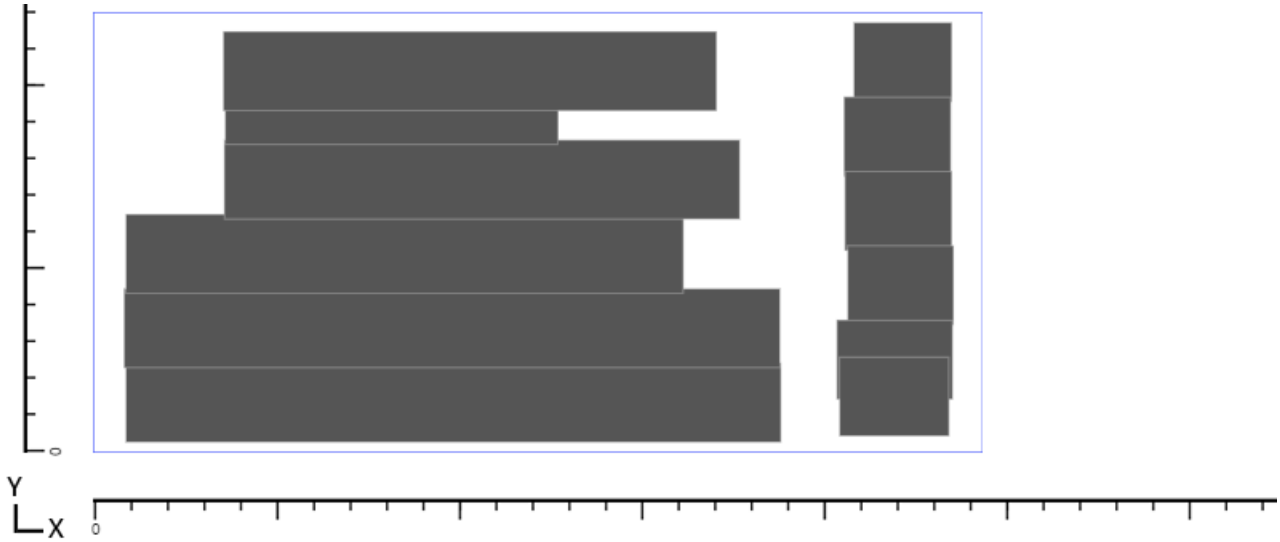
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 27

**Max Signal:** 40%

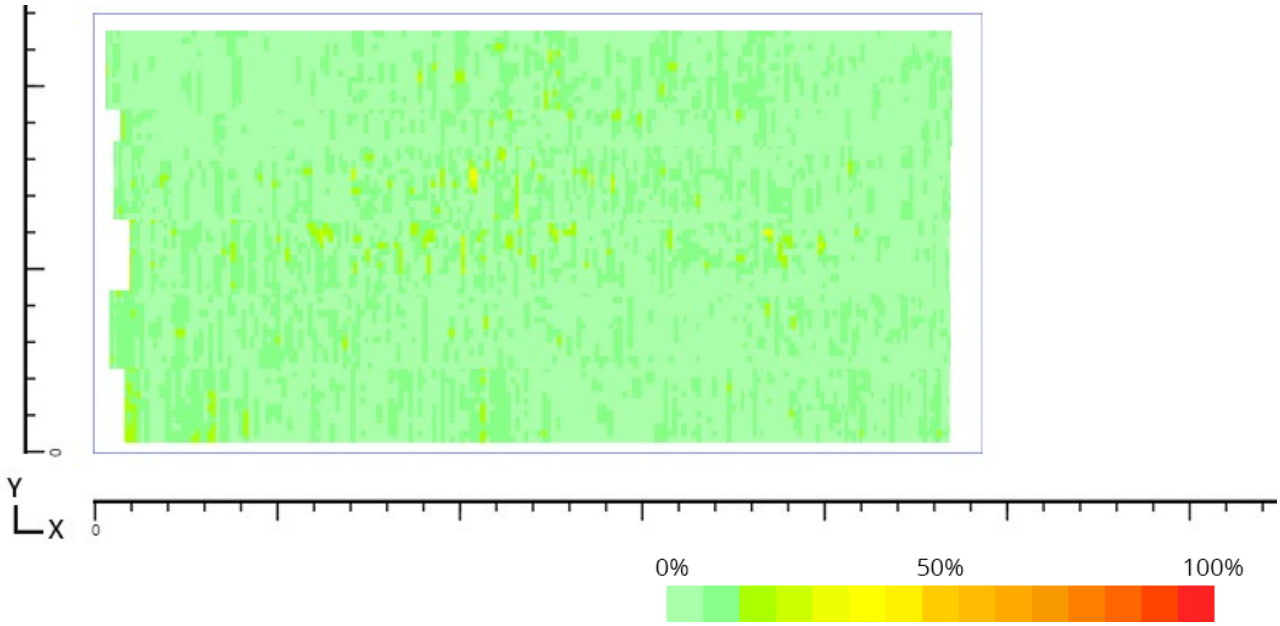
**Length (X):** 359.99cm

**Width (Y):** 178cm

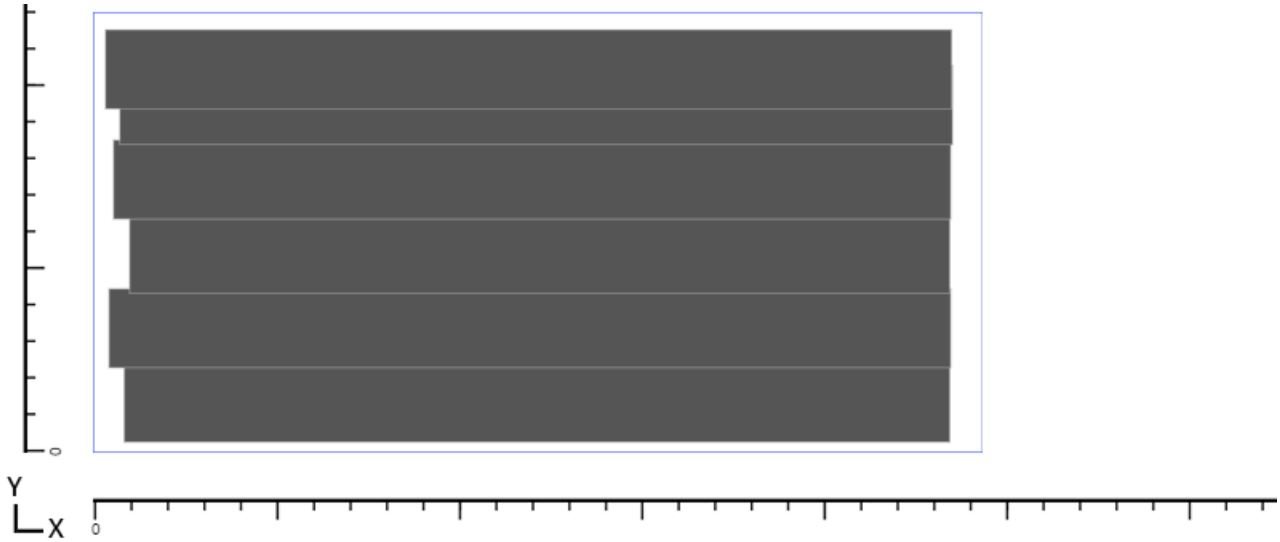
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 28

**Max Signal:** 33.3%

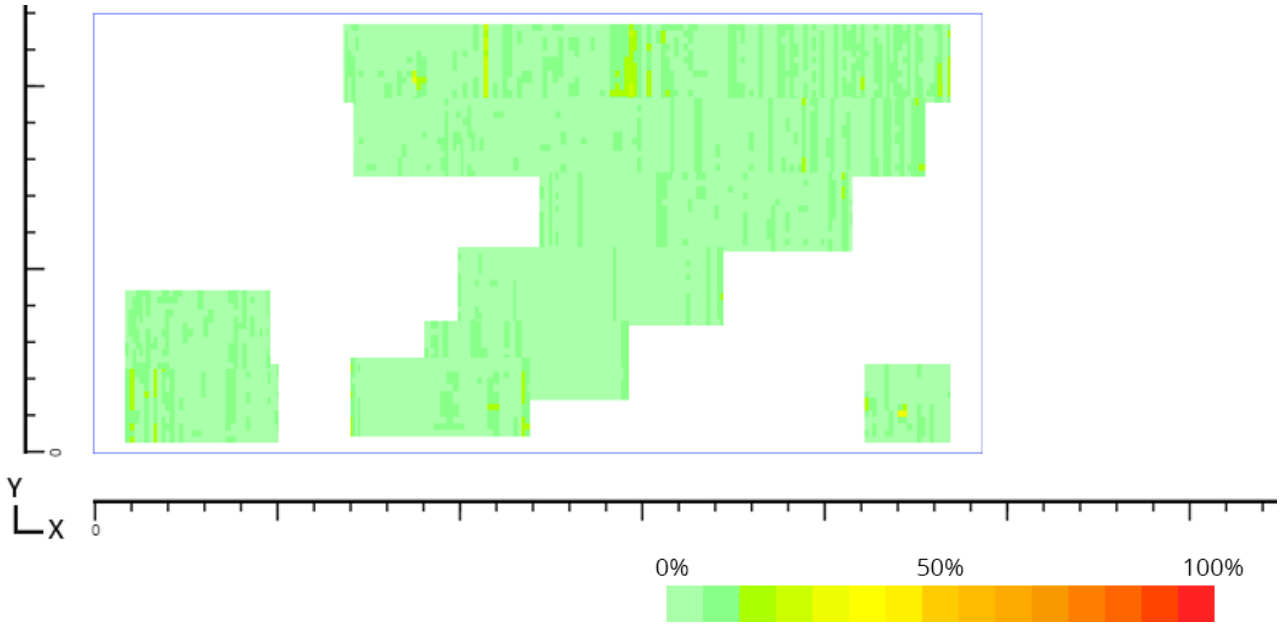
**Length (X):** 359.99cm

**Width (Y):** 178cm

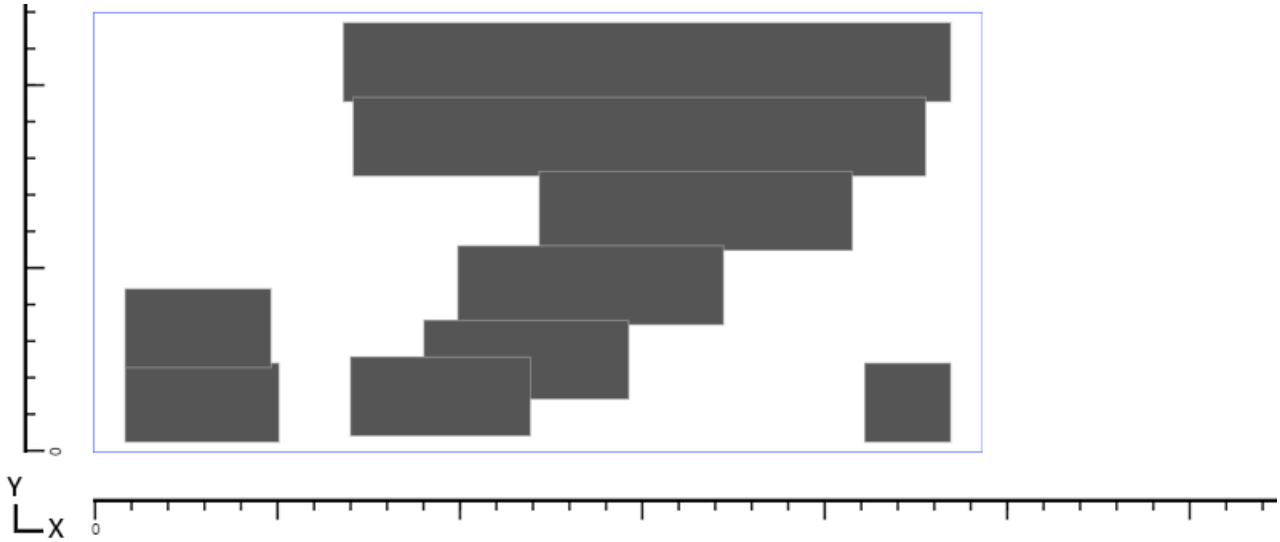
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 29

**Max Signal:** 26.7%

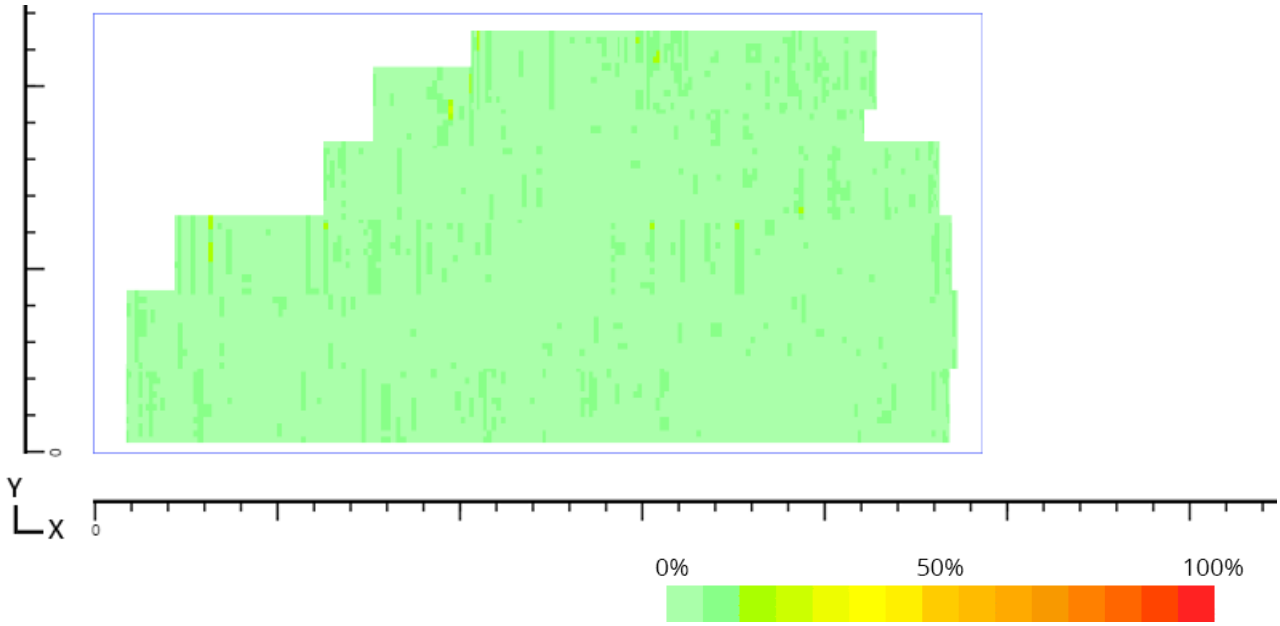
**Length (X):** 359.99cm

**Width (Y):** 178cm

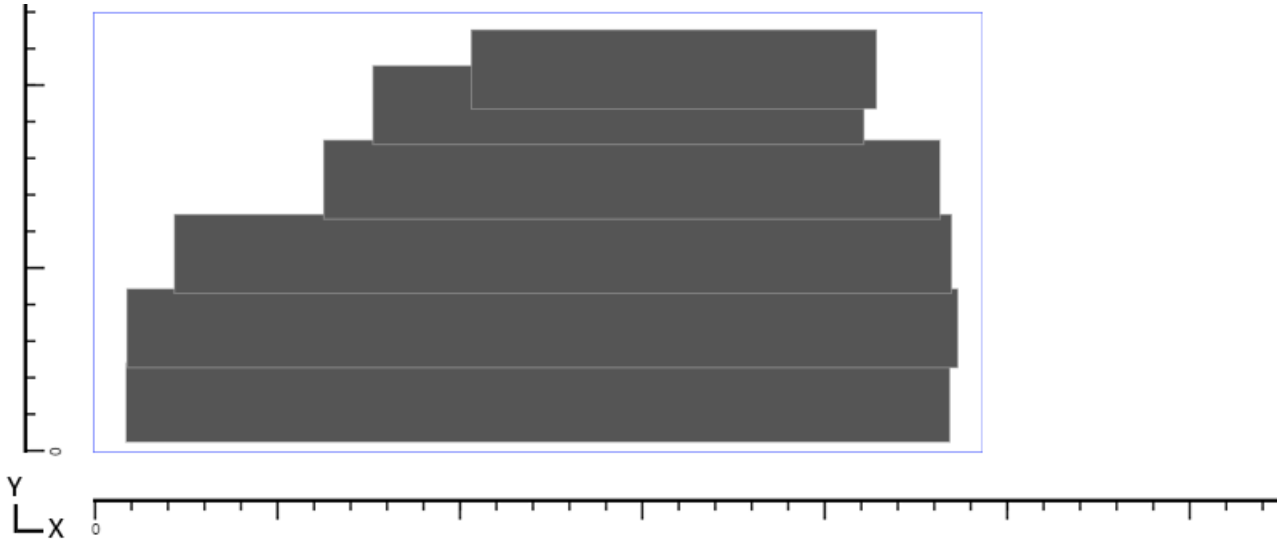
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 31

**Max Signal:** 46.7%

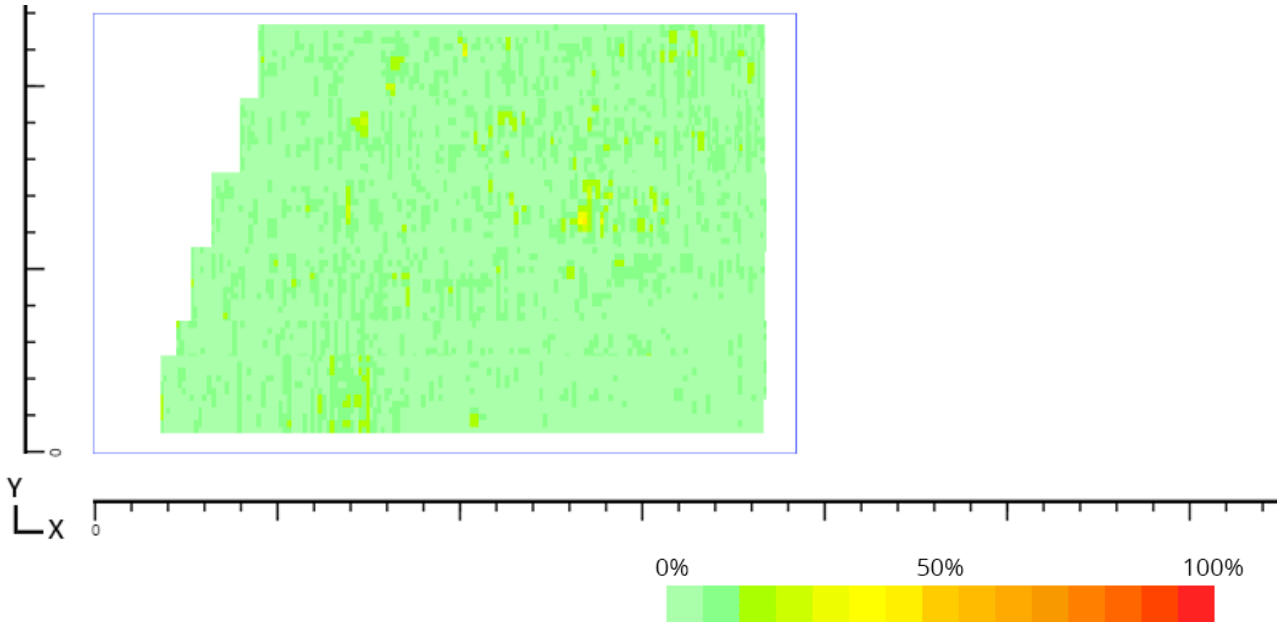
**Length (X):** 284.99cm

**Width (Y):** 178cm

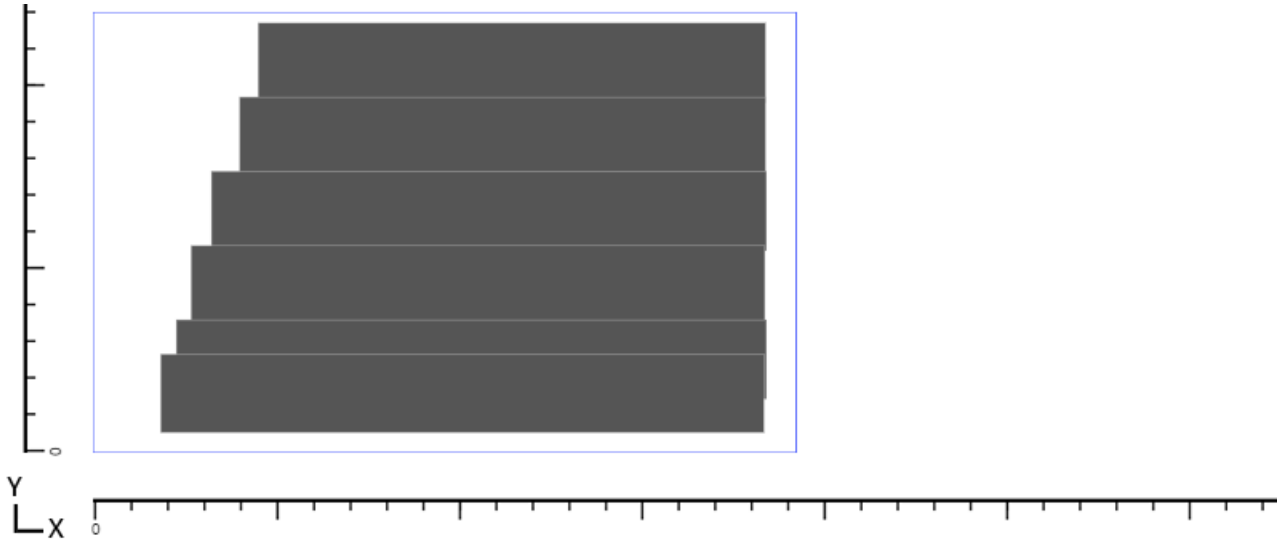
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 32

**Max Signal:** 46.7%

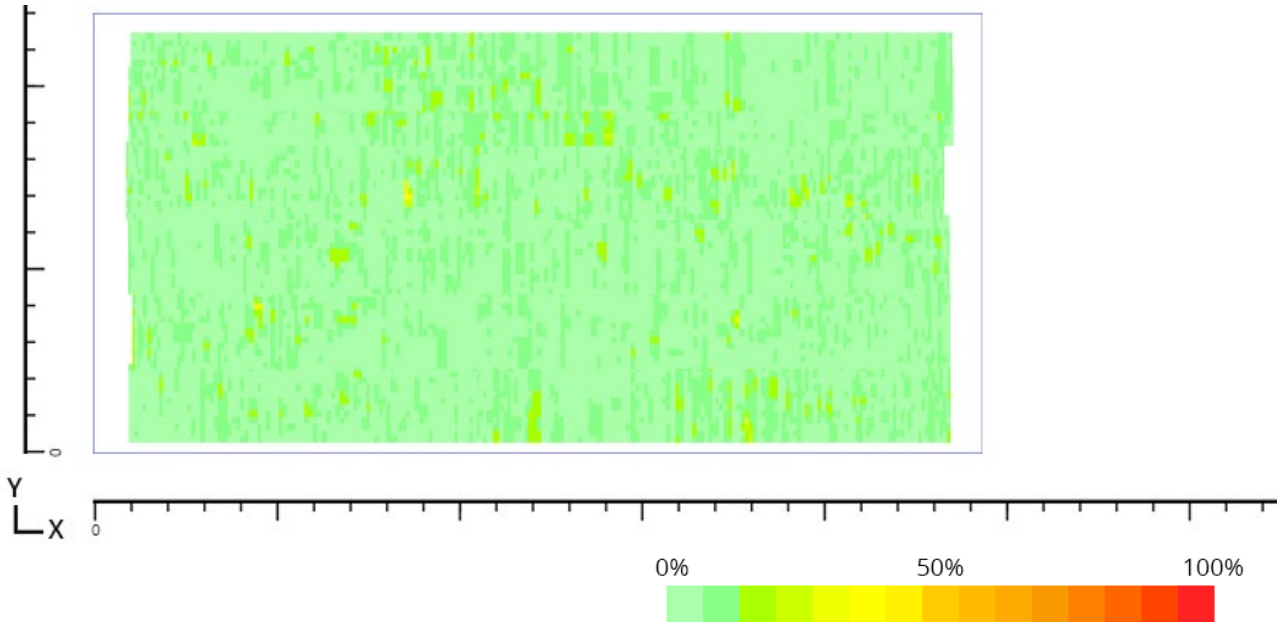
**Length (X):** 359.99cm

**Width (Y):** 178cm

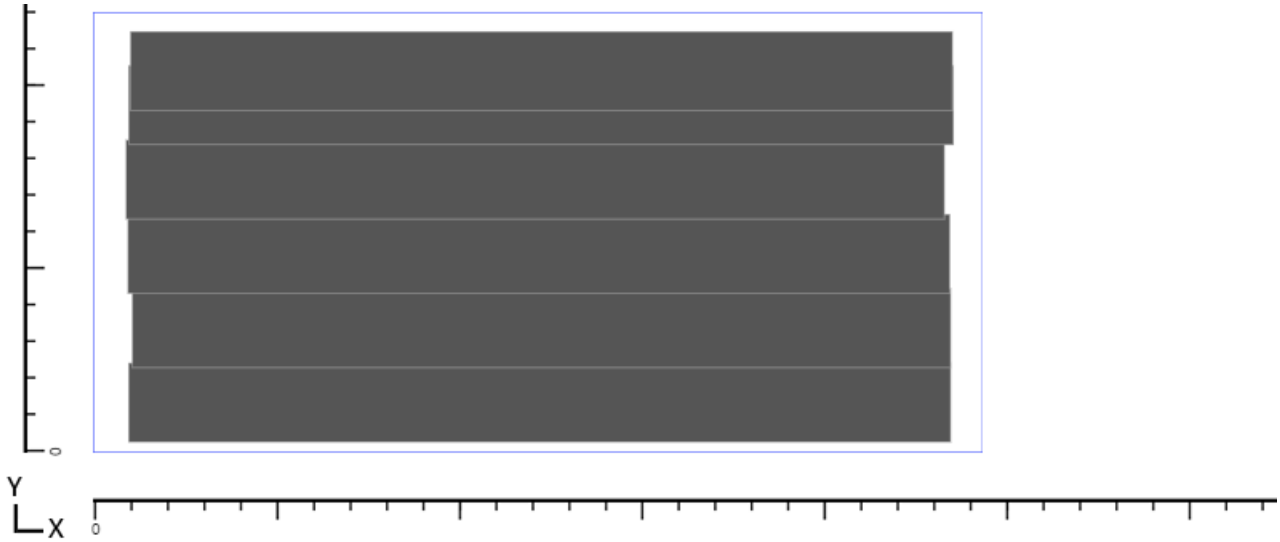
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 33

**Max Signal:** 40%

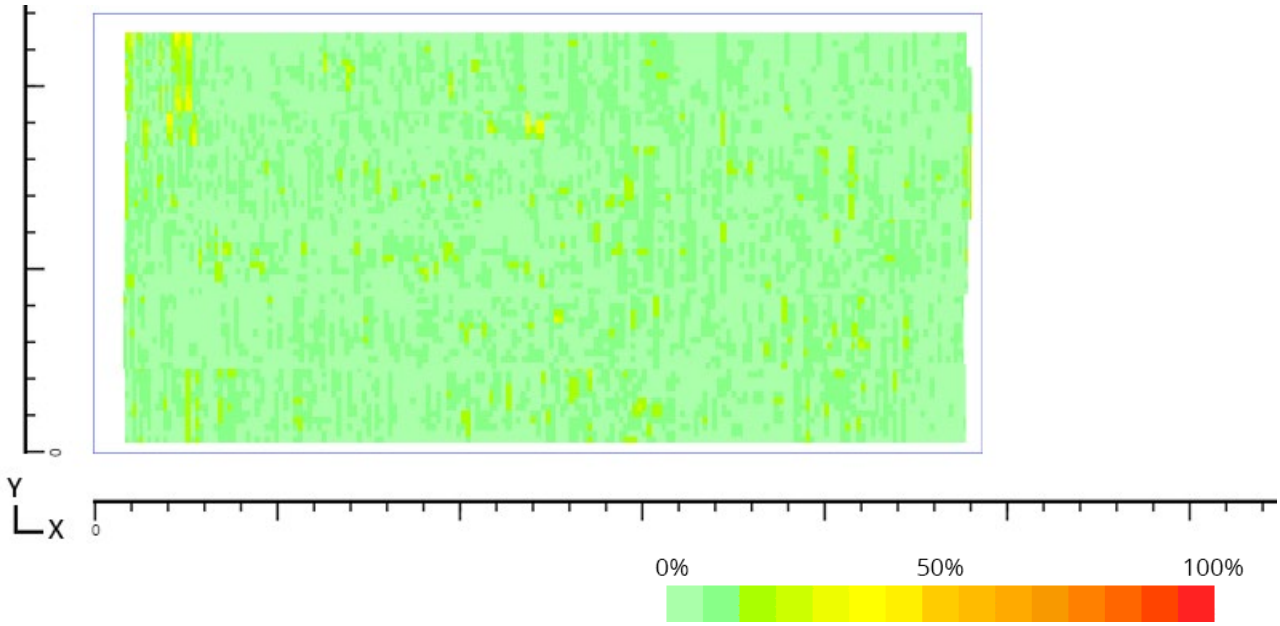
**Length (X):** 359.99cm

**Width (Y):** 178cm

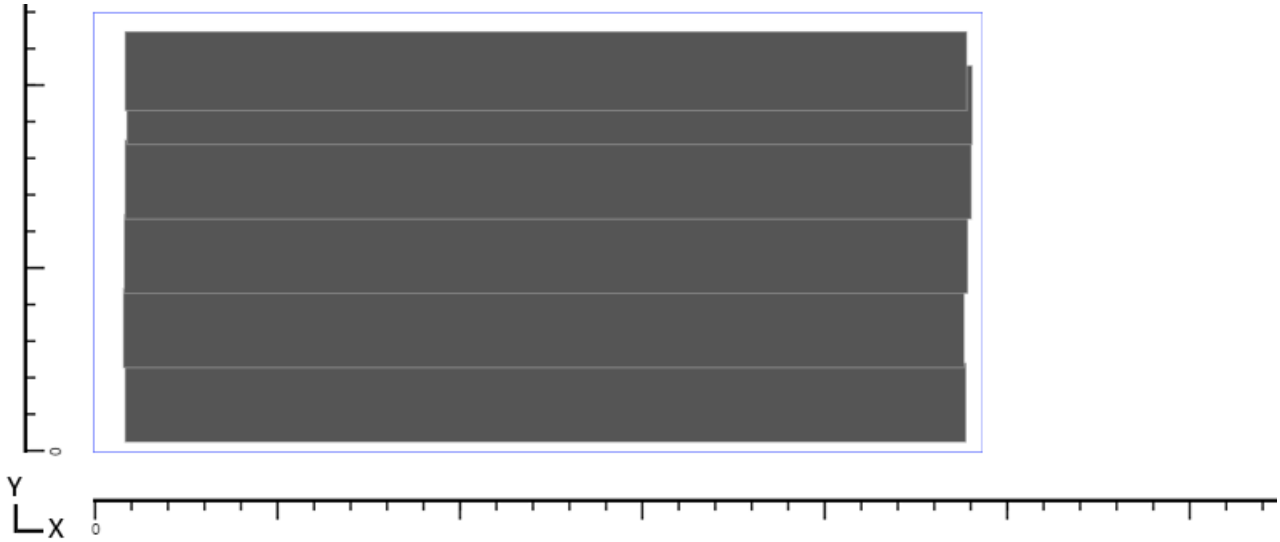
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 34

**Max Signal:** 40%

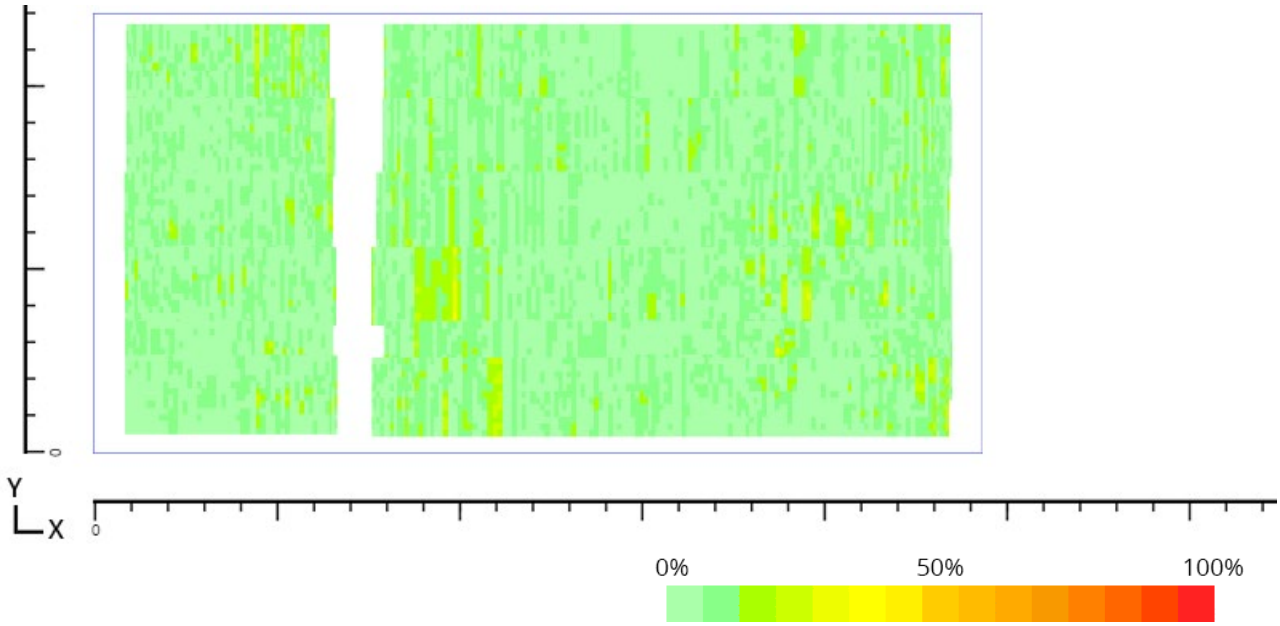
**Length (X):** 359.99cm

**Width (Y):** 178cm

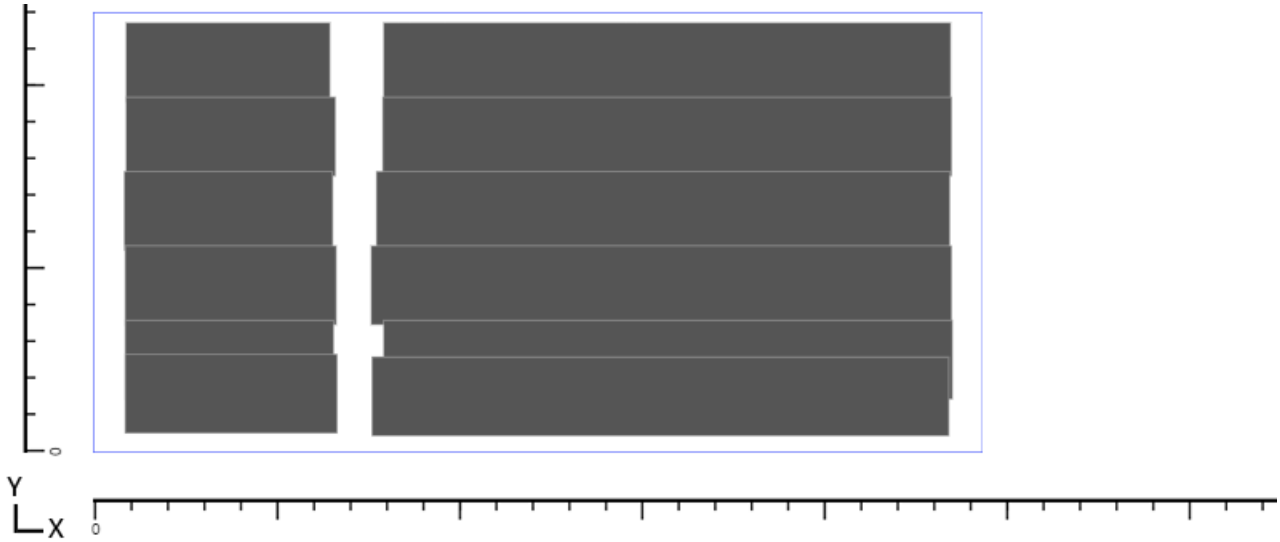
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 35

**Max Signal:** 33.3%

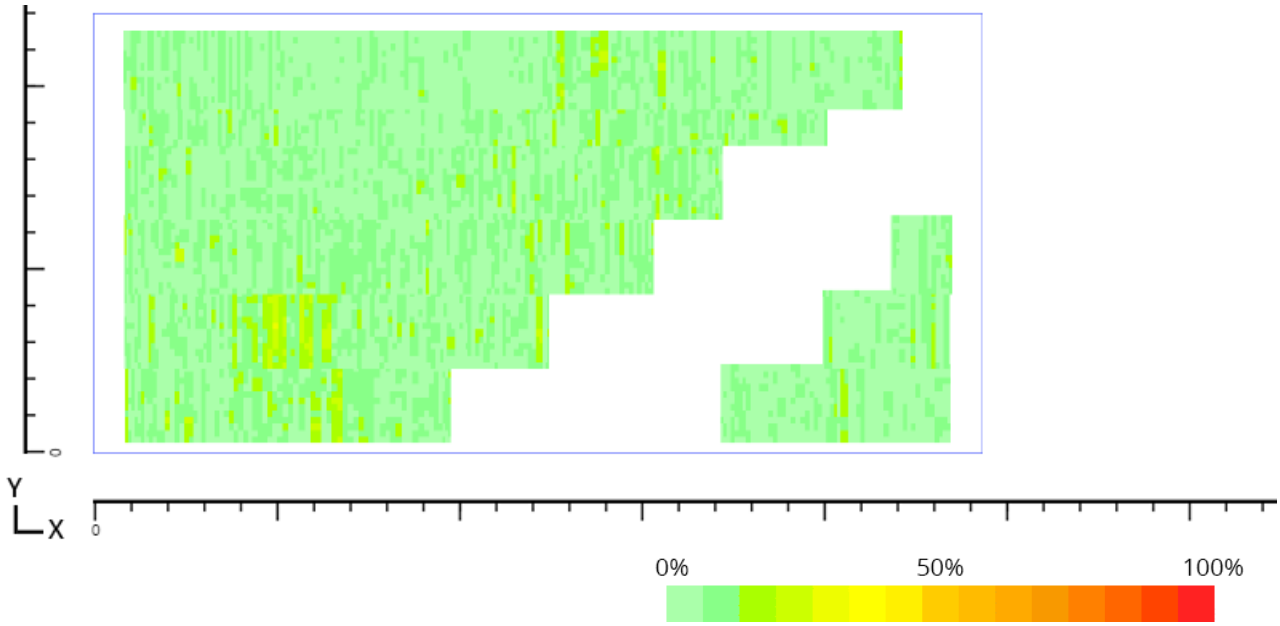
**Length (X):** 359.99cm

**Width (Y):** 178cm

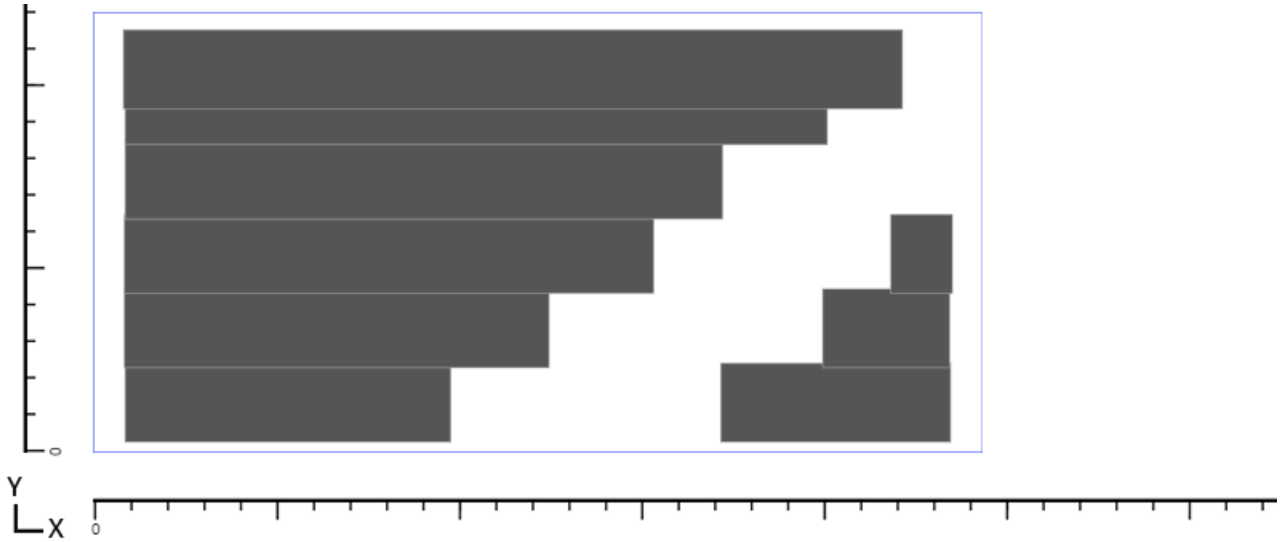
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 36

**Max Signal:** 40%

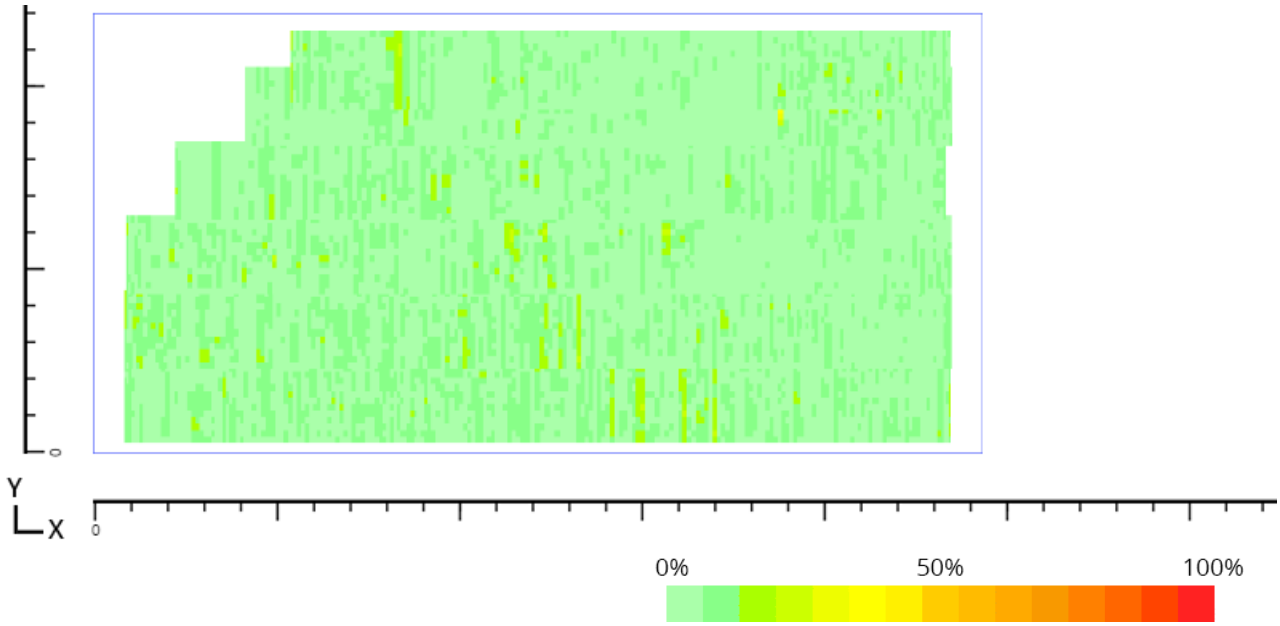
**Length (X):** 359.99cm

**Width (Y):** 178cm

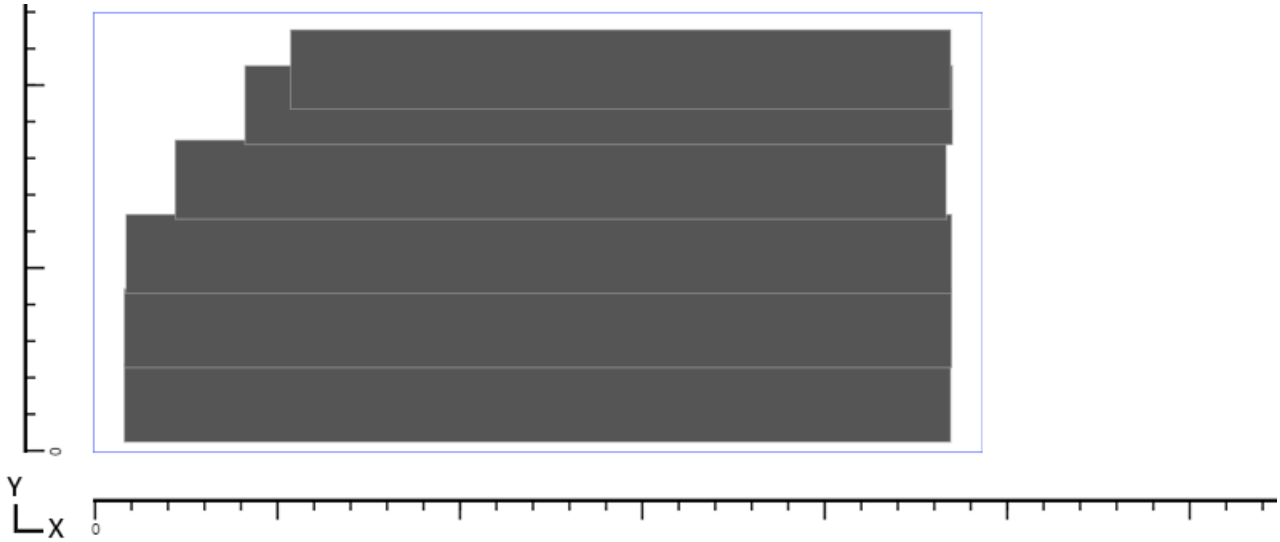
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

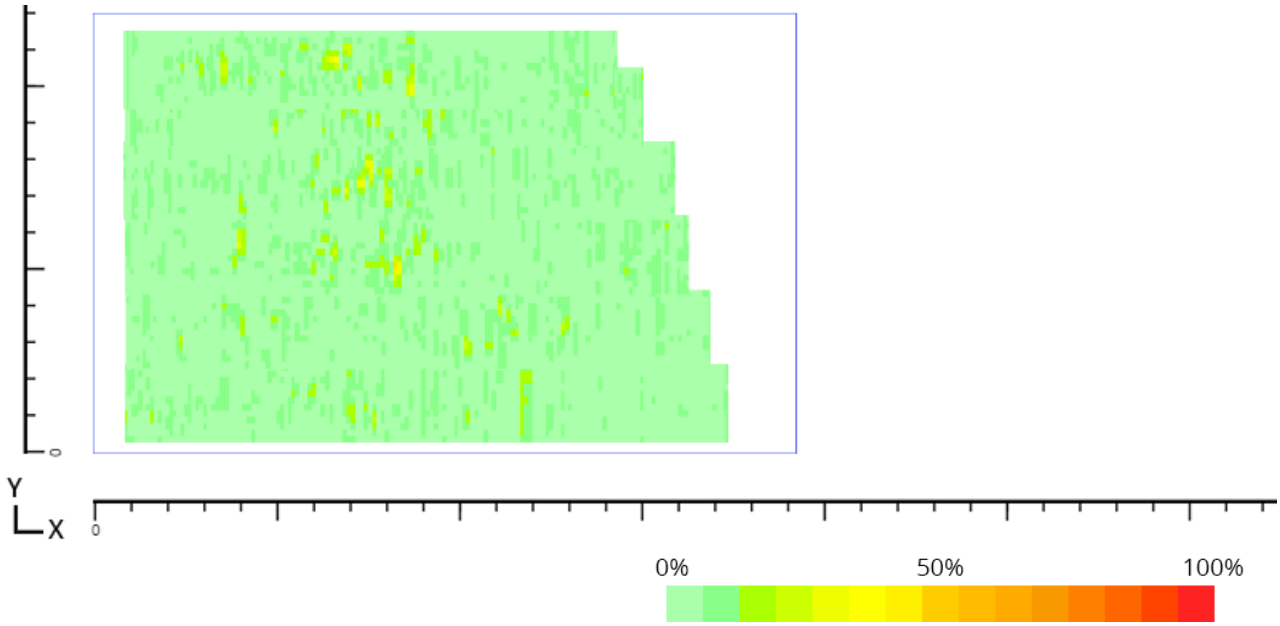


## Plate Number 37

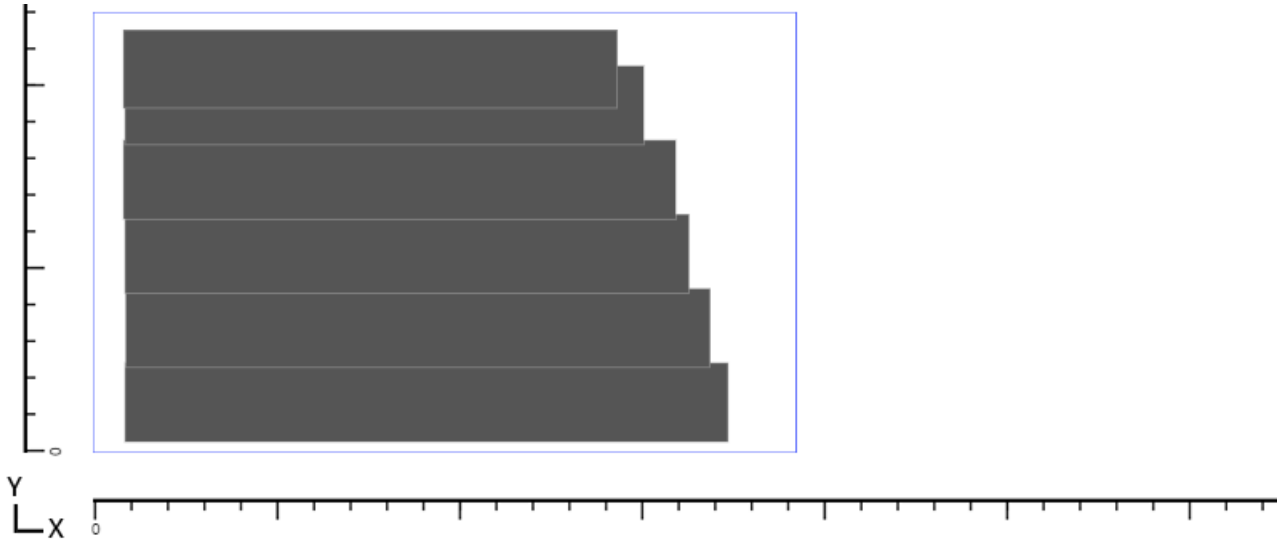
**Max Signal:** 53.3% **Length (X):** 284.99cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 38

**Max Signal:** 40%

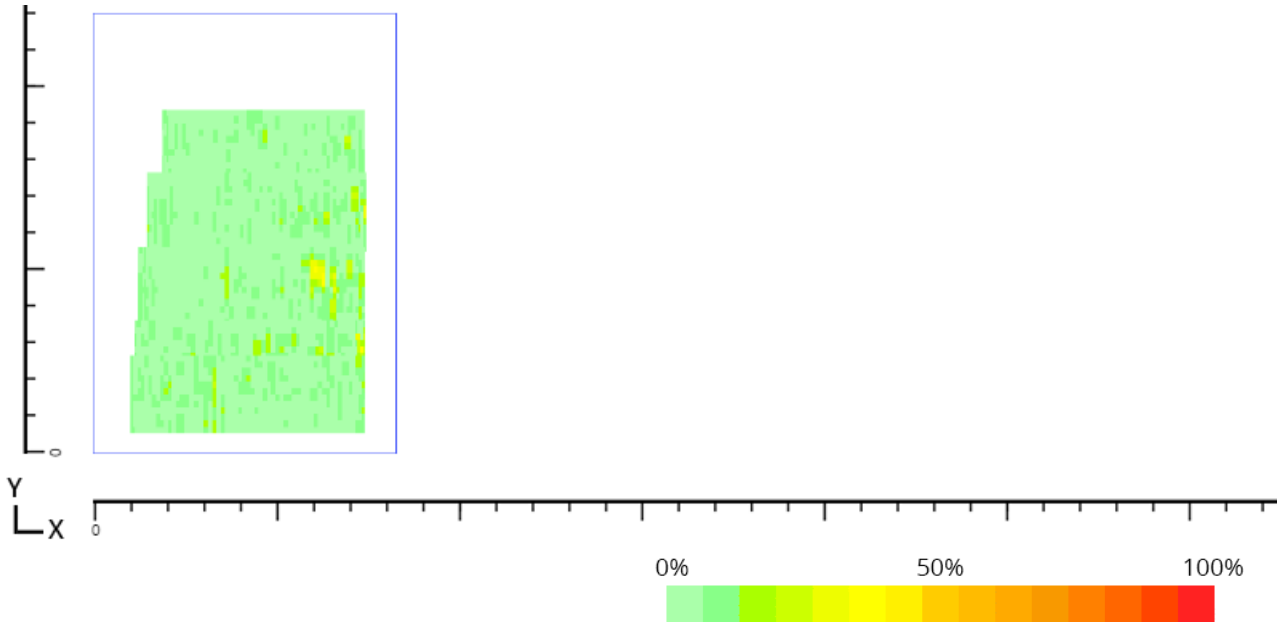
**Length (X):** 123.01cm

**Width (Y):** 178cm

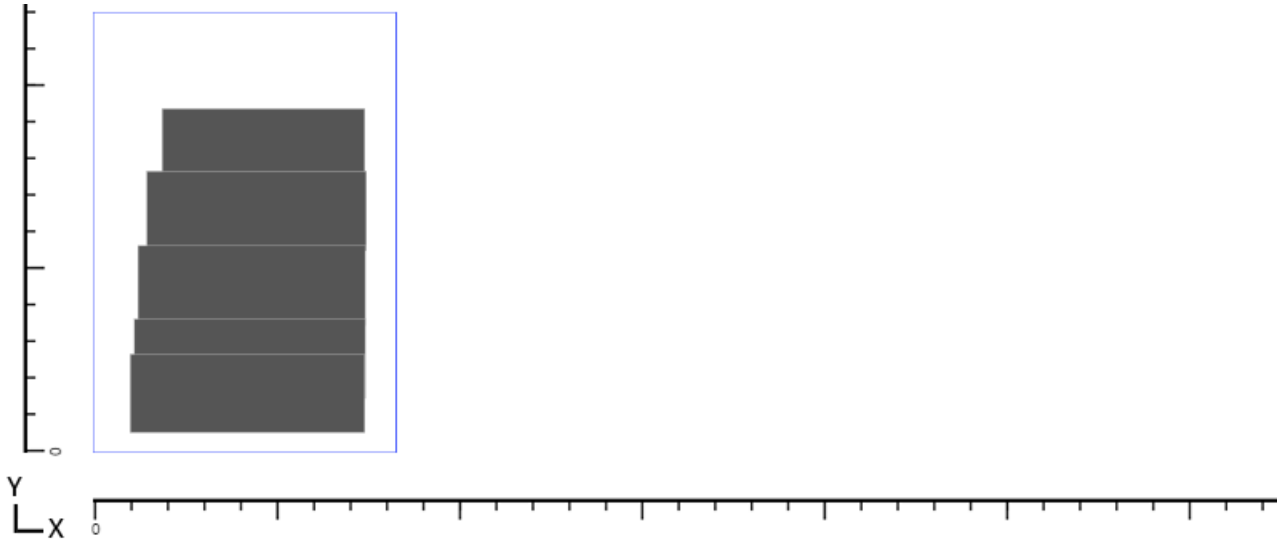
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 39

**Max Signal:** 46.7%

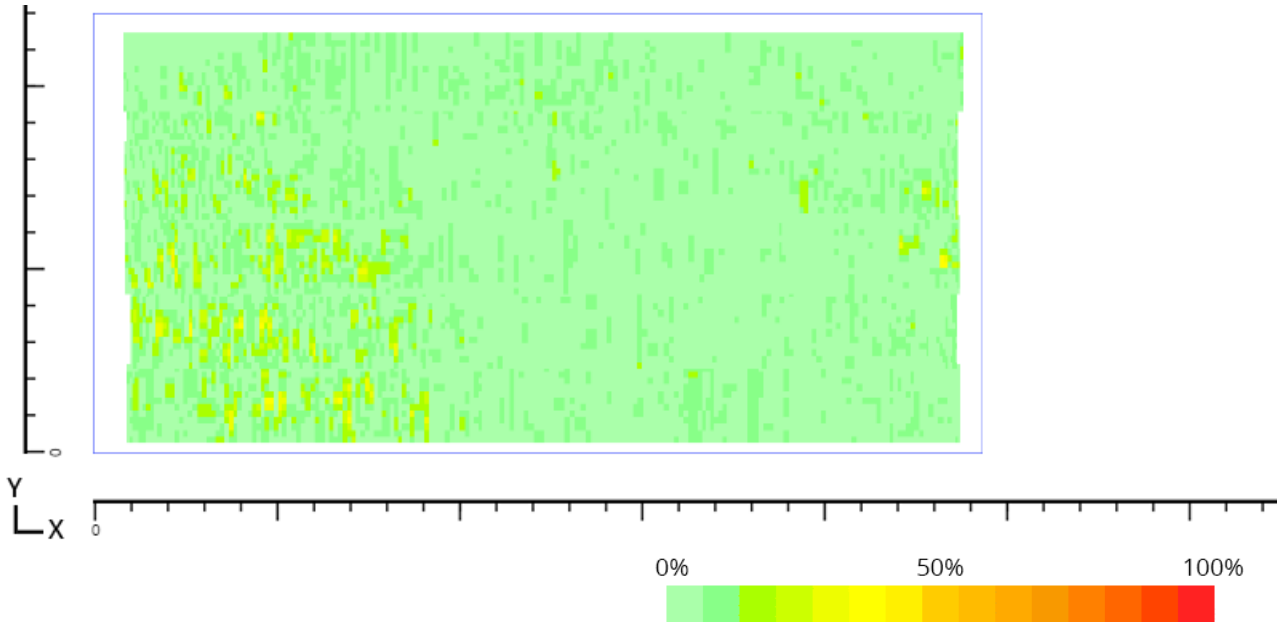
**Length (X):** 359.99cm

**Width (Y):** 178cm

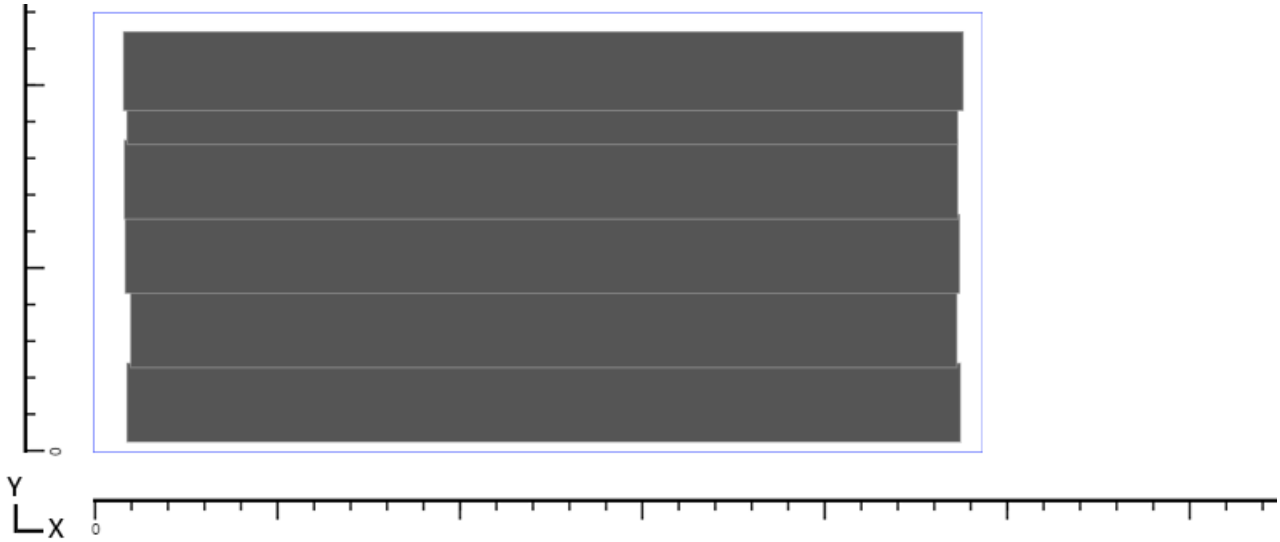
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 40

**Max Signal:** 33.3%

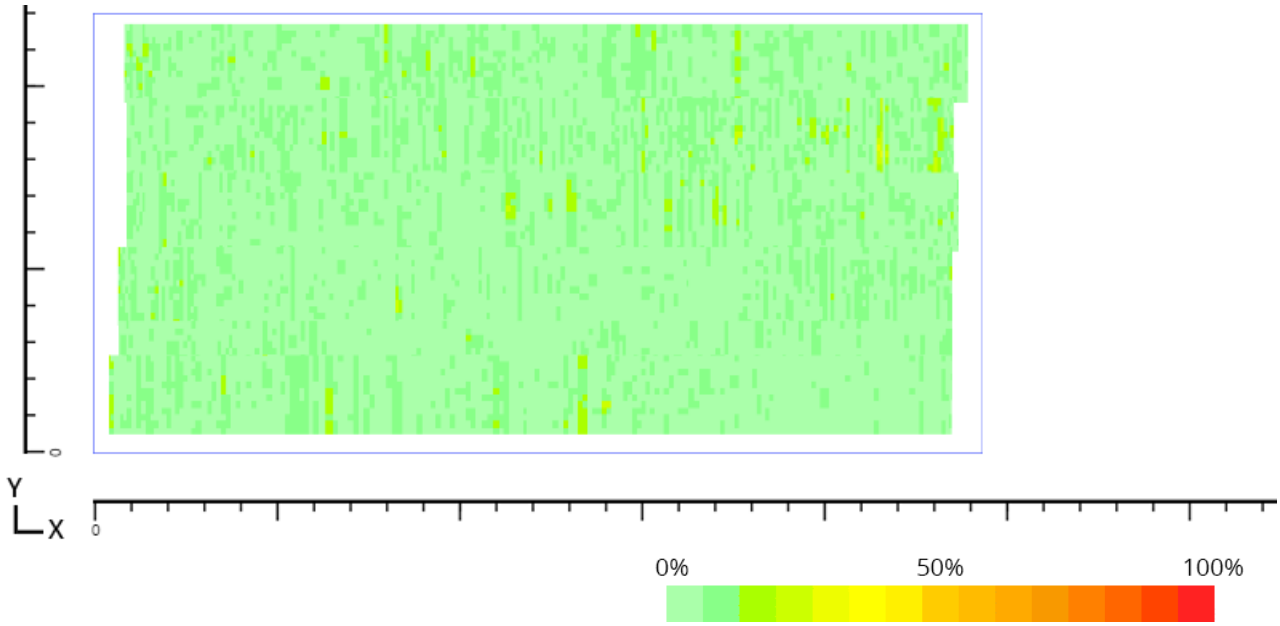
**Length (X):** 359.99cm

**Width (Y):** 178cm

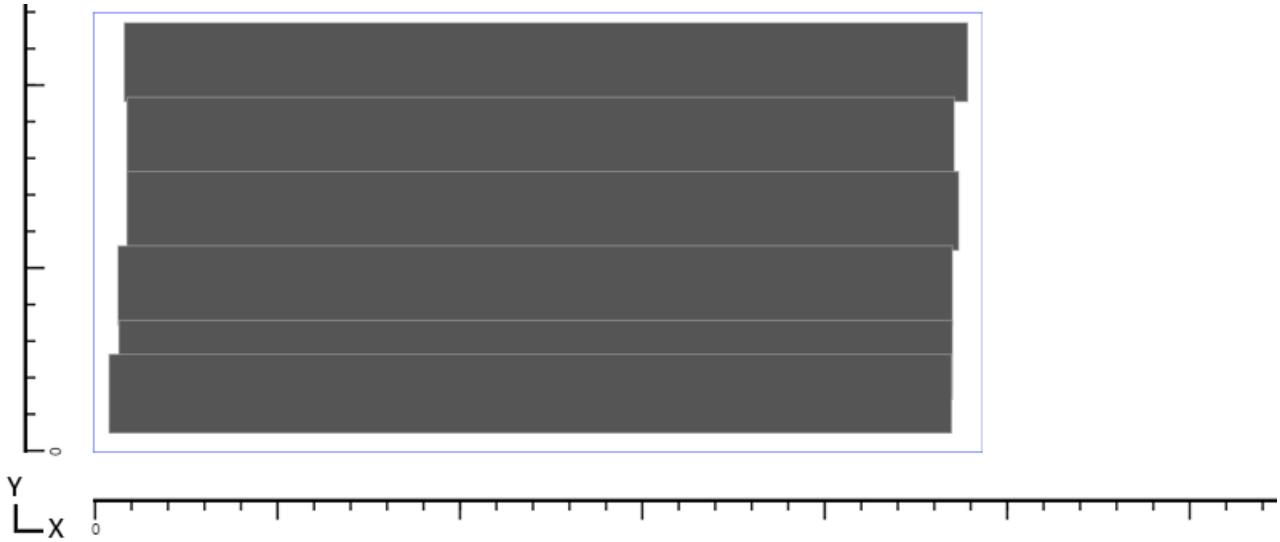
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 41

**Max Signal:** 40%

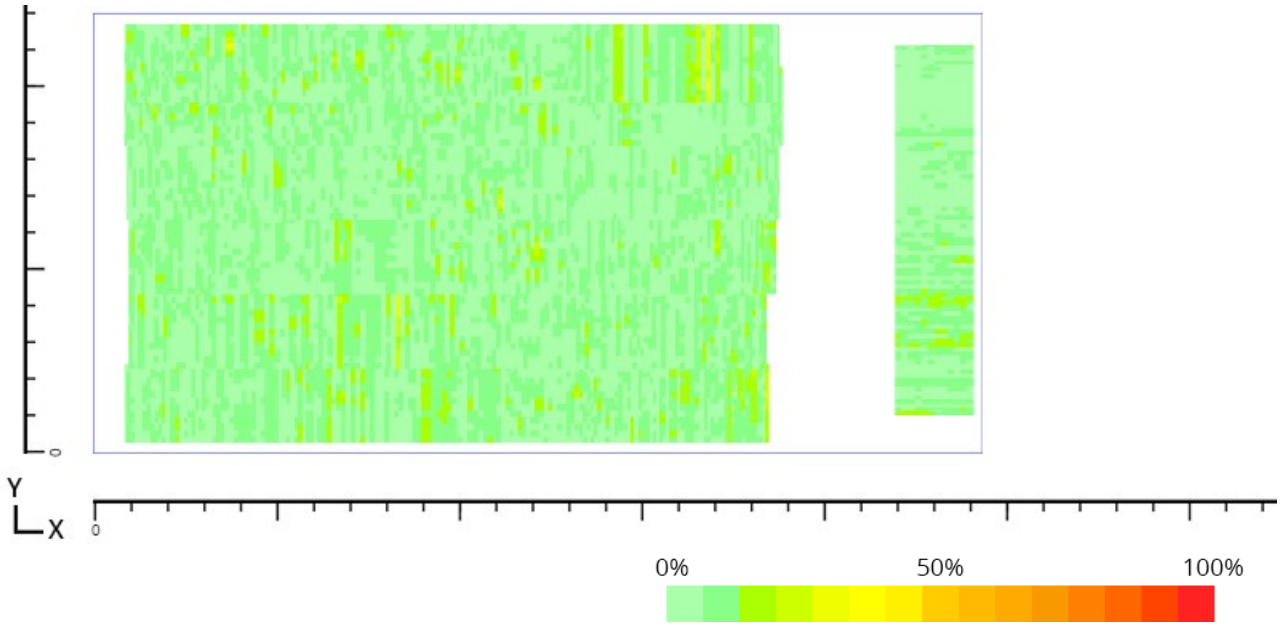
**Length (X):** 359.99cm

**Width (Y):** 178cm

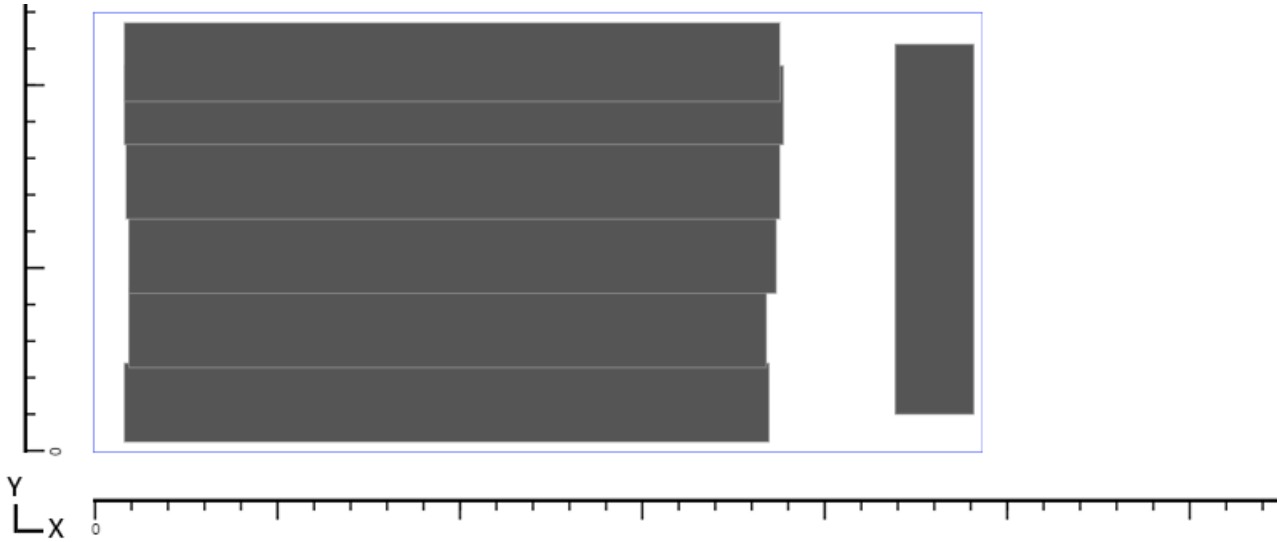
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 42

**Max Signal:** 33.3%

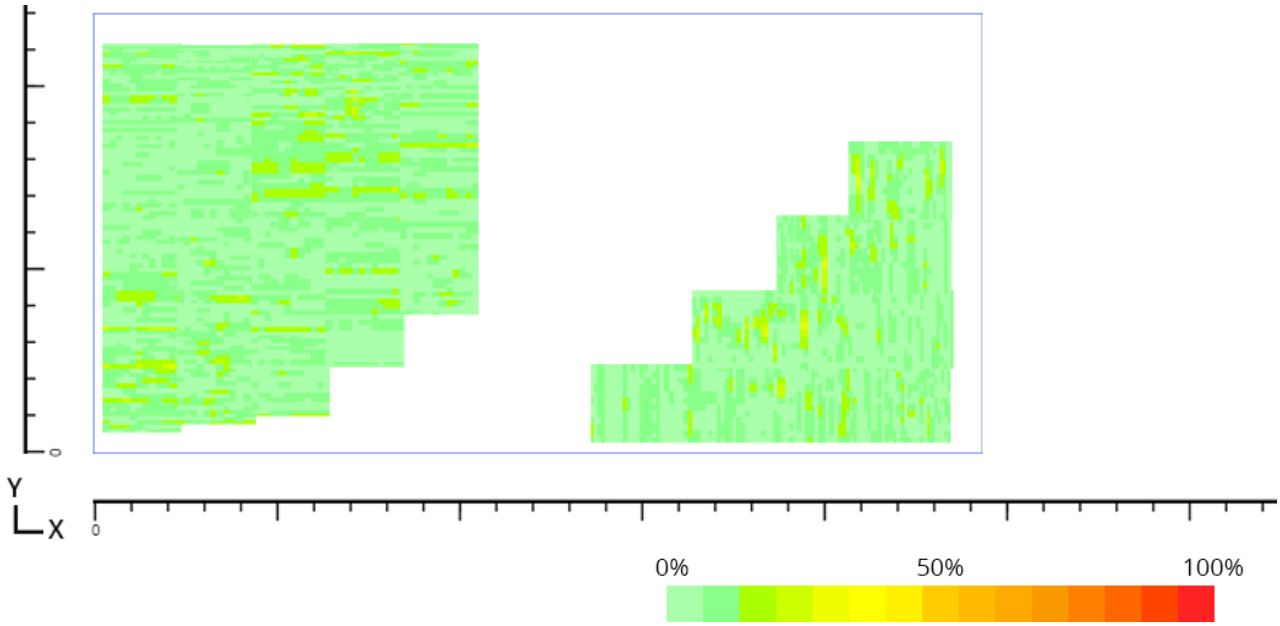
**Length (X):** 359.99cm

**Width (Y):** 178cm

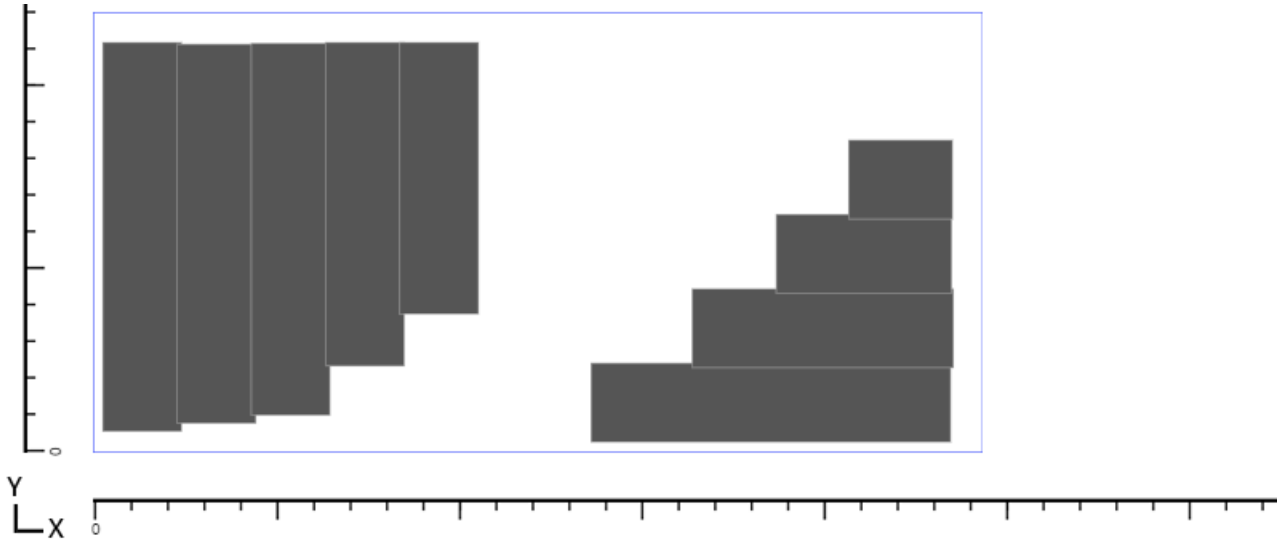
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 43

**Max Signal:** 33.3%

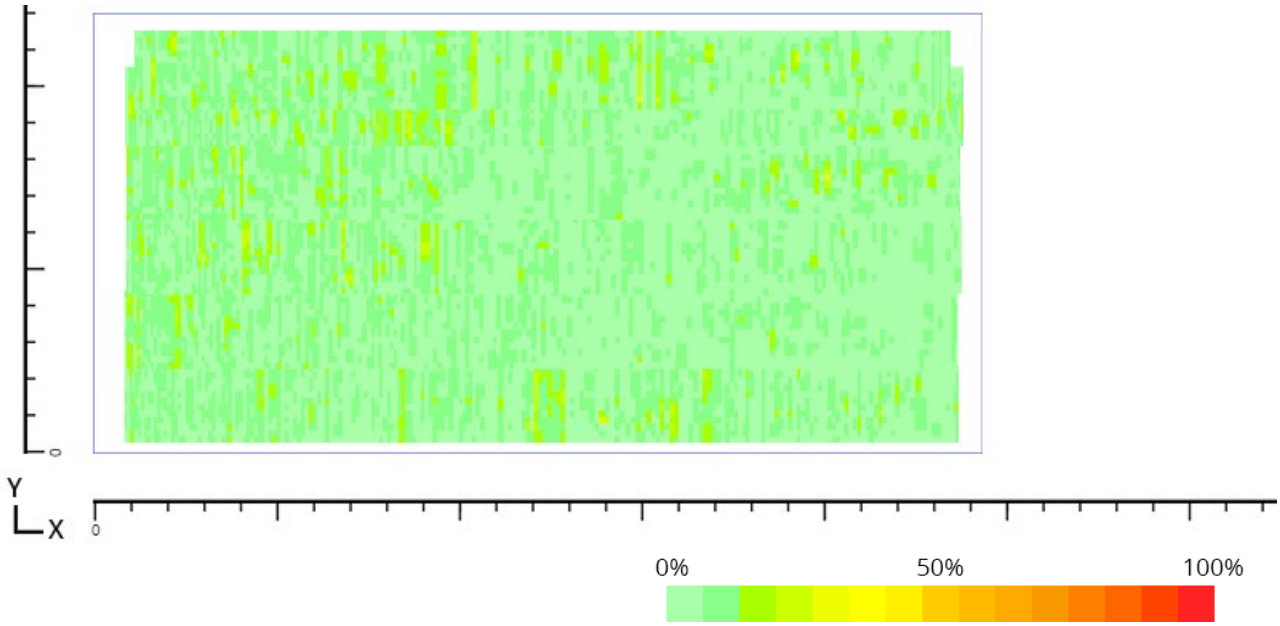
**Length (X):** 359.99cm

**Width (Y):** 178cm

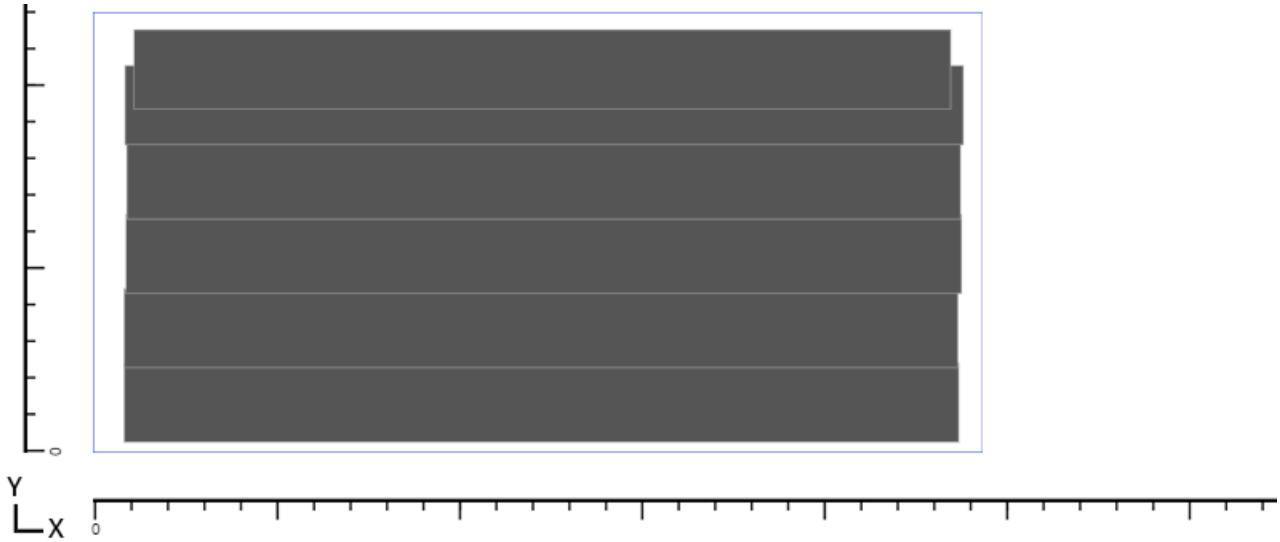
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 44

**Max Signal:** 40%

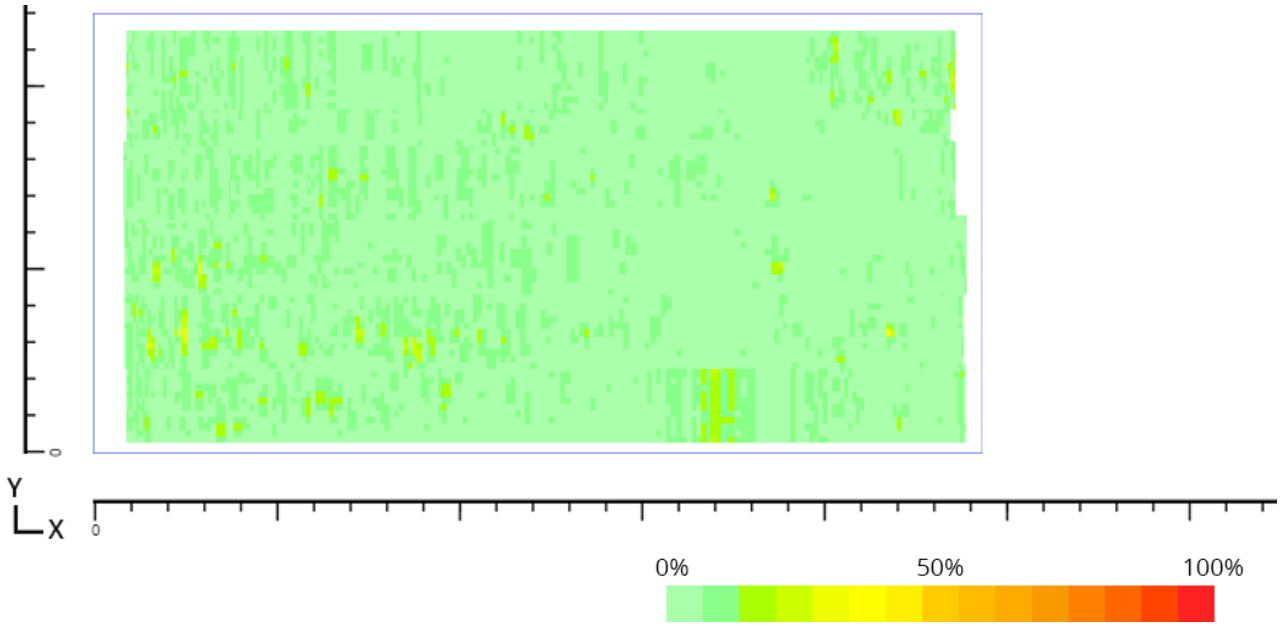
**Length (X):** 359.99cm

**Width (Y):** 178cm

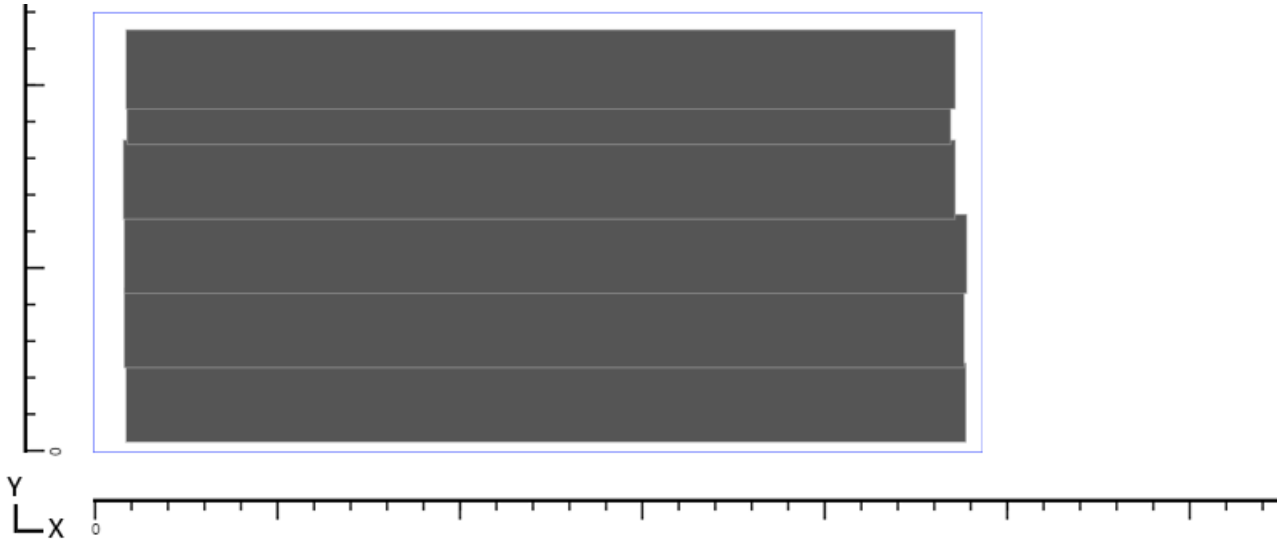
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 45

**Max Signal:** 46.7%

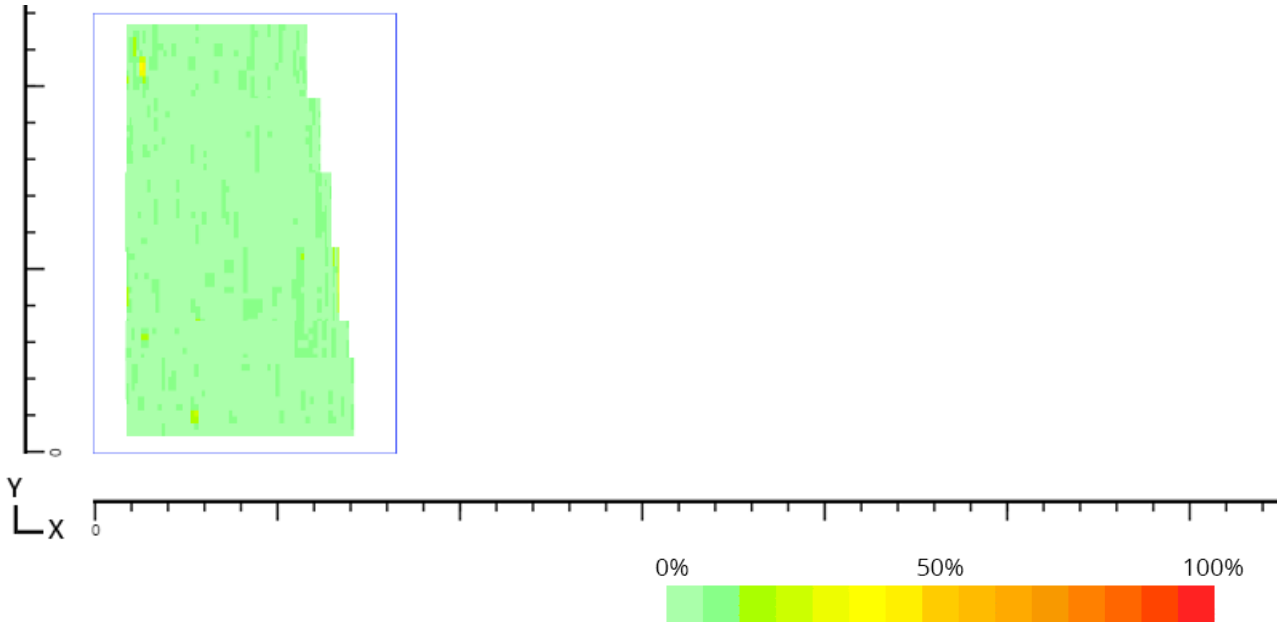
**Length (X):** 123.01cm

**Width (Y):** 178cm

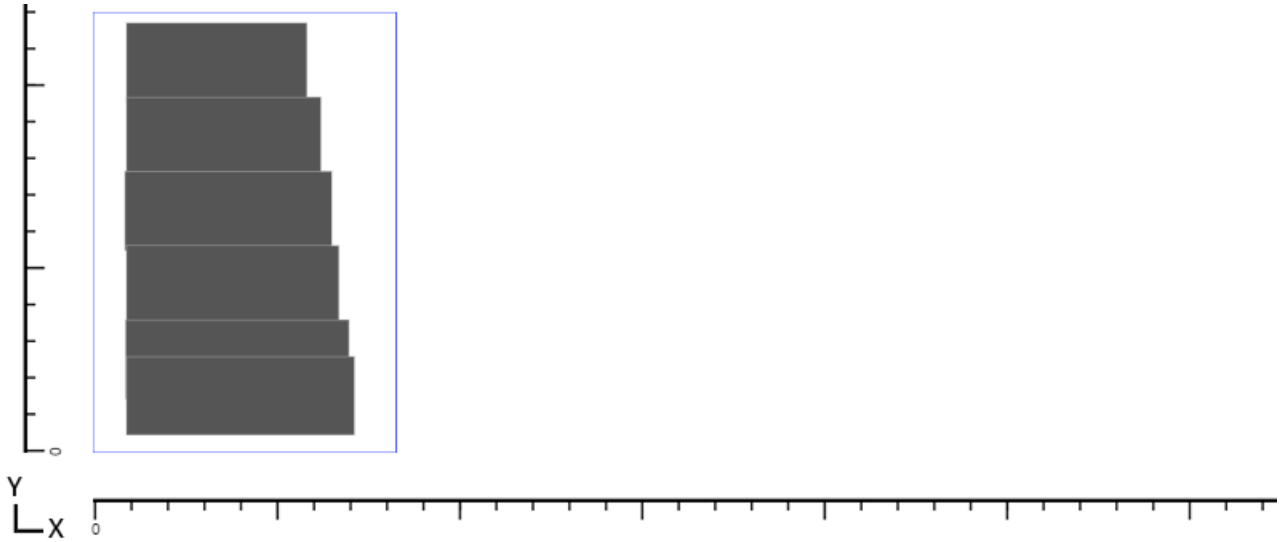
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 46

**Max Signal:** 60%

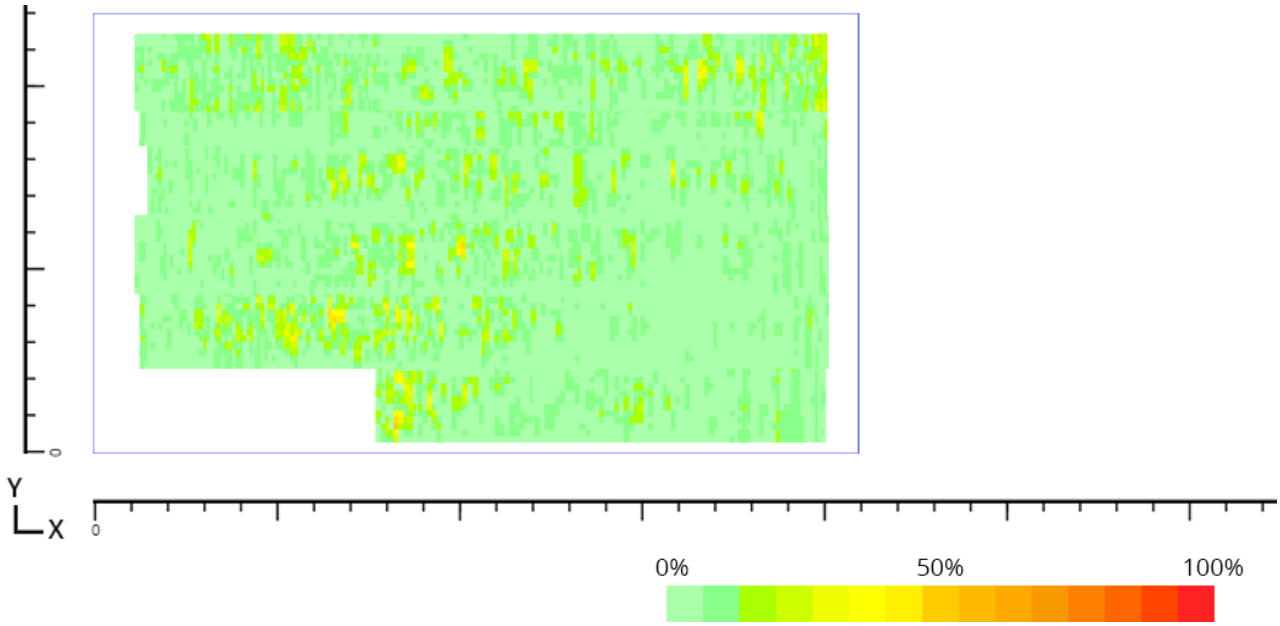
**Length (X):** 310.01cm

**Width (Y):** 178cm

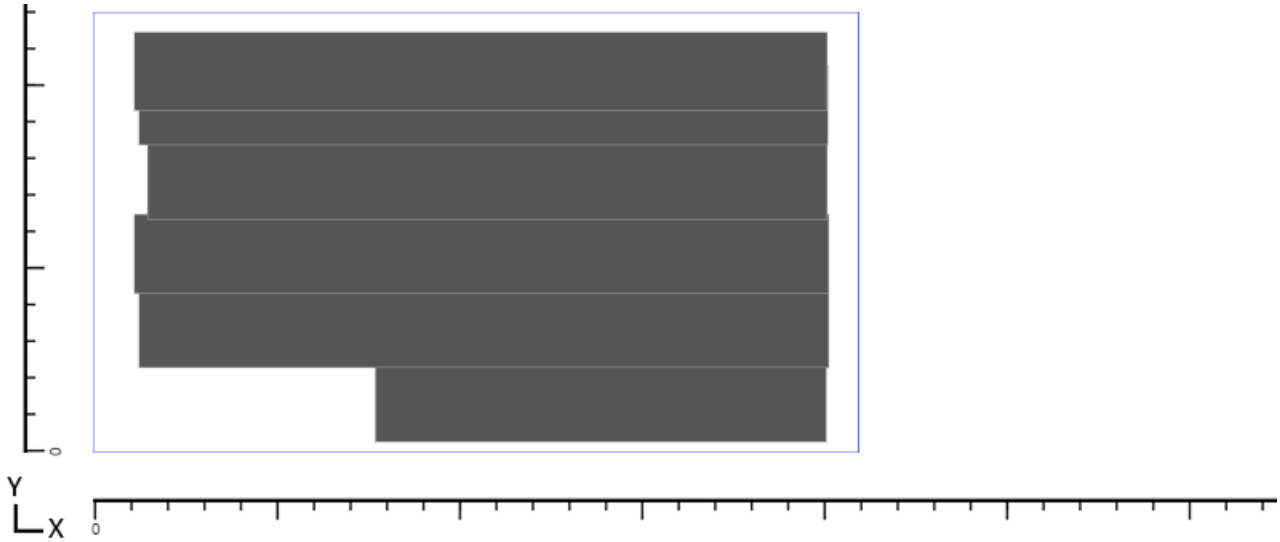
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 47

**Max Signal:** 26.7%

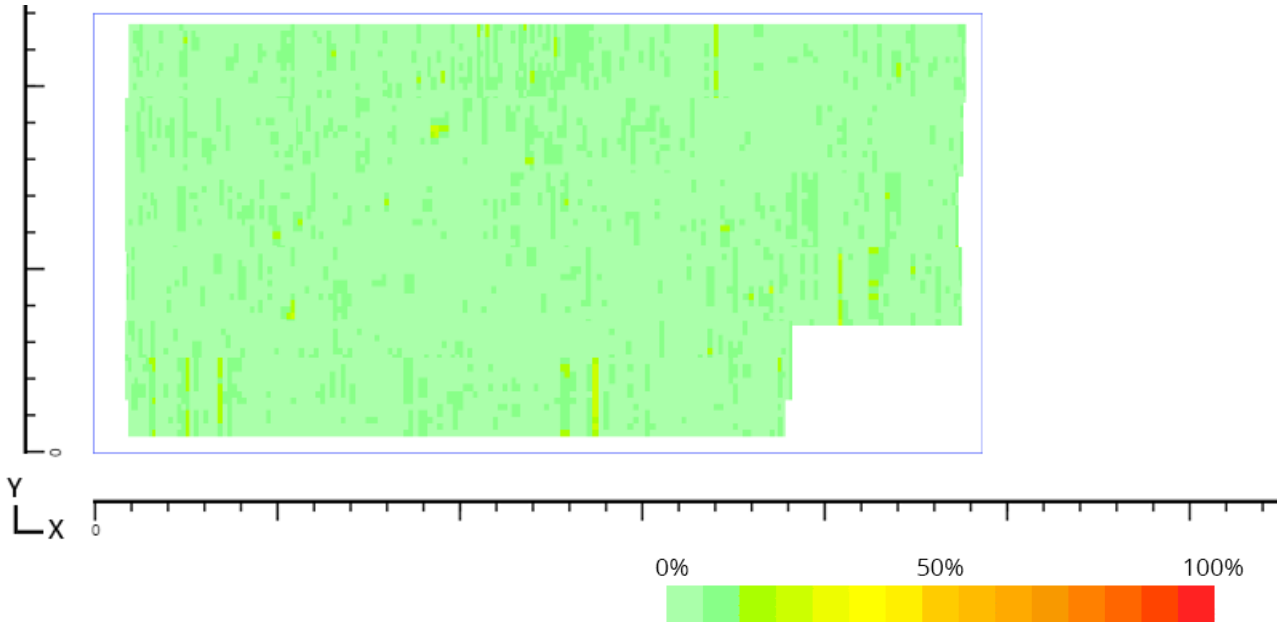
**Length (X):** 359.99cm

**Width (Y):** 178cm

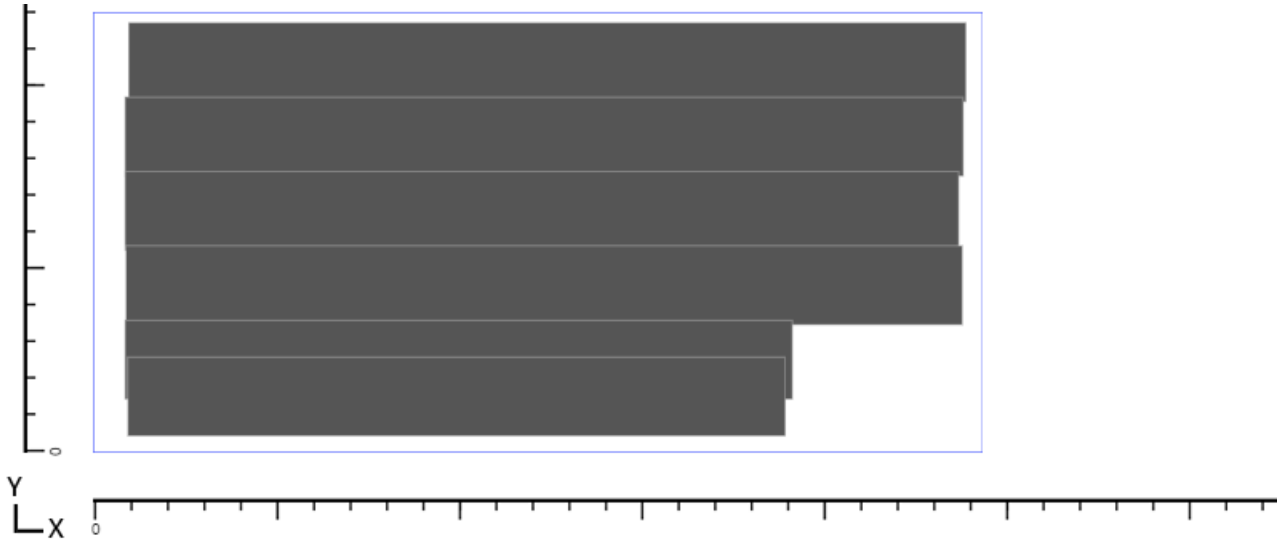
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 48

**Max Signal:** 33.3%

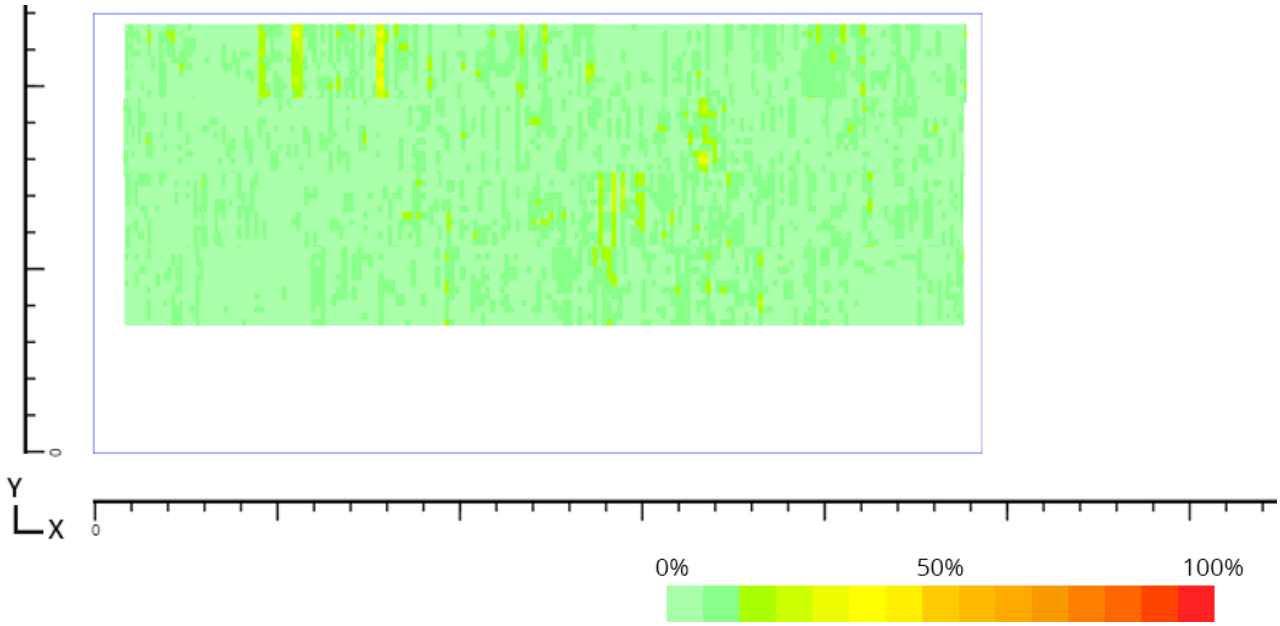
**Length (X):** 359.99cm

**Width (Y):** 178cm

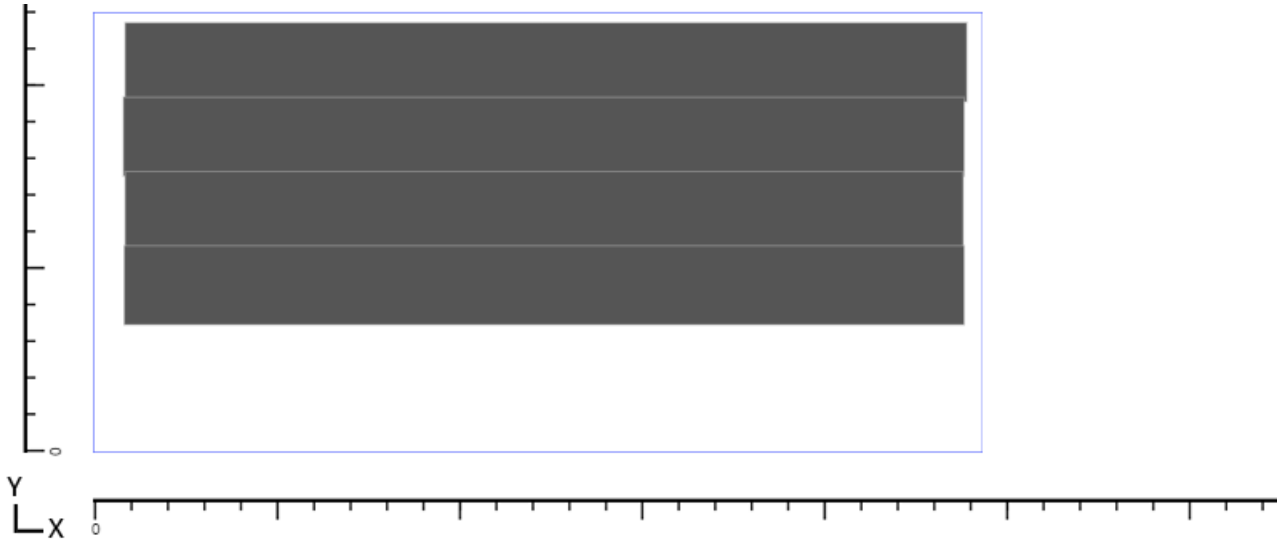
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 49

**Max Signal:** 33.3%

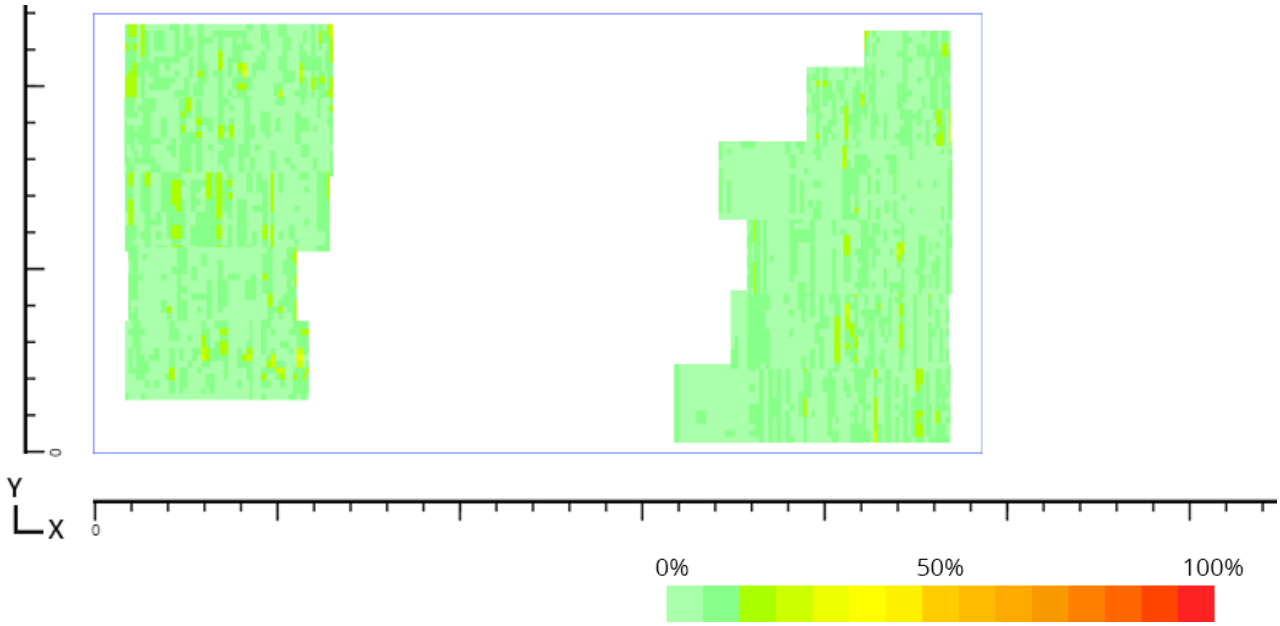
**Length (X):** 359.99cm

**Width (Y):** 178cm

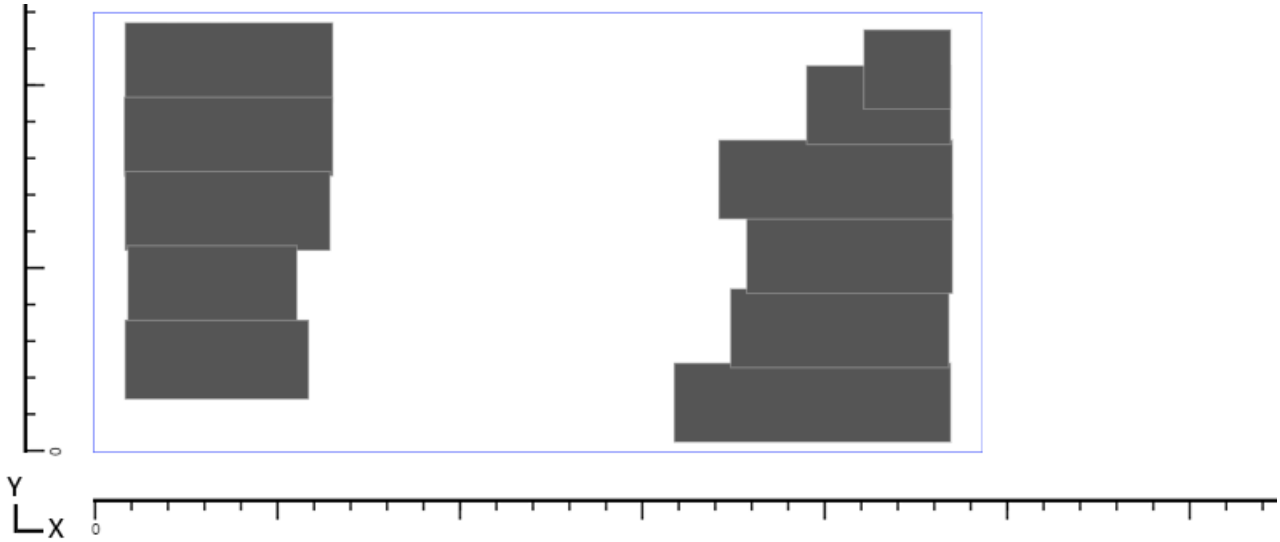
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 50

**Max Signal:** 33.3%

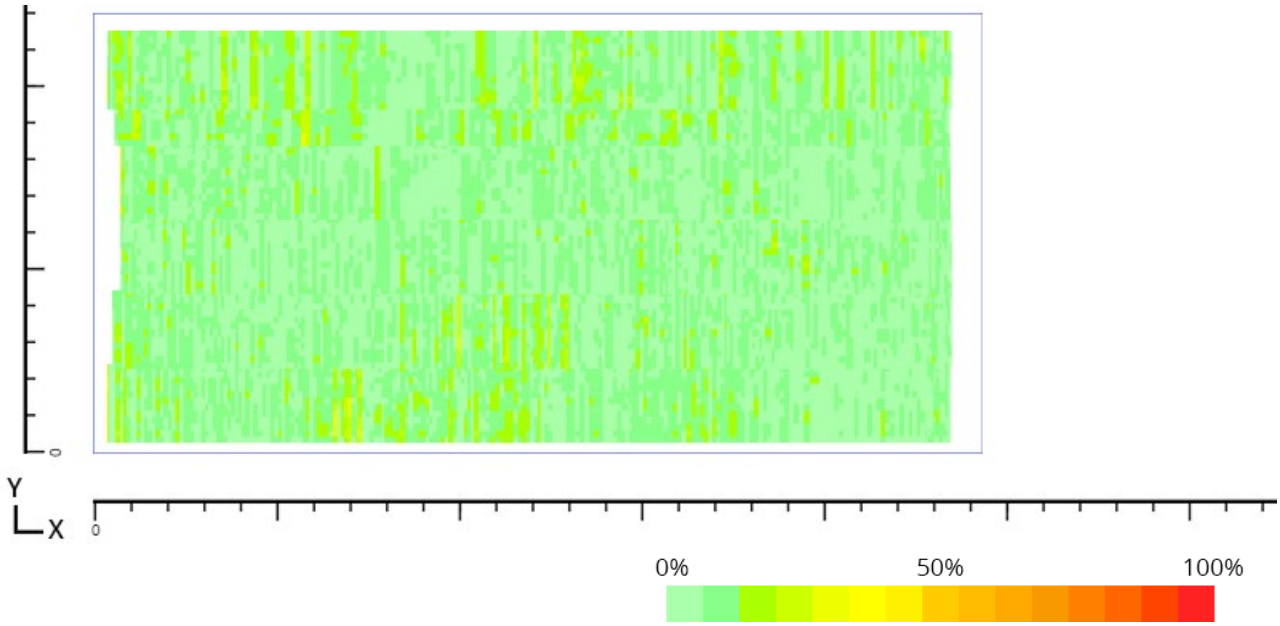
**Length (X):** 359.99cm

**Width (Y):** 178cm

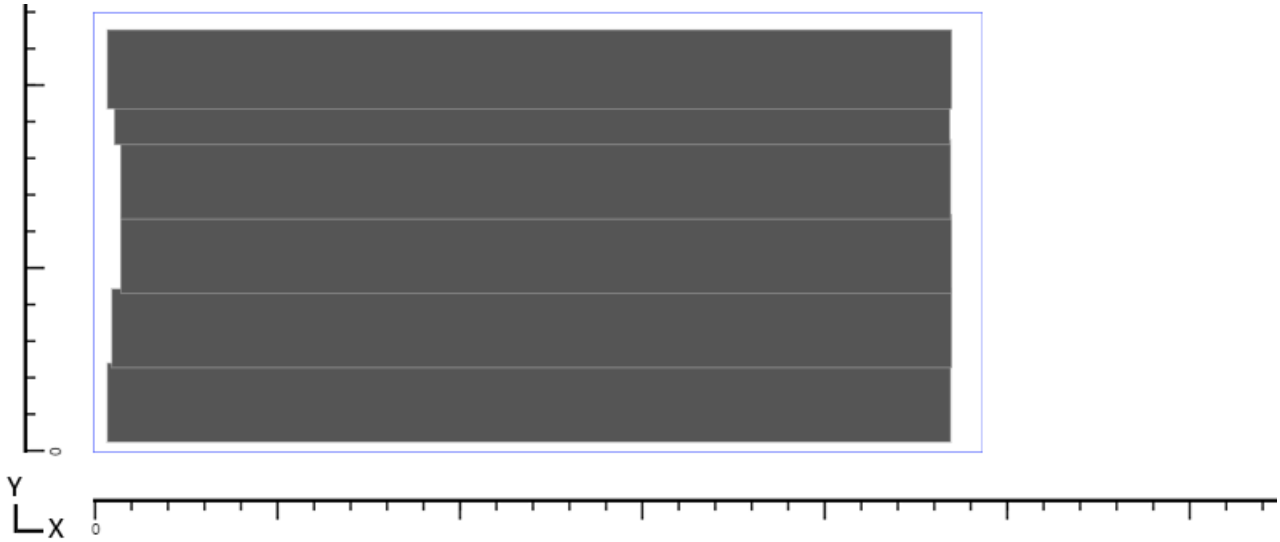
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 51

**Max Signal:** 26.7%

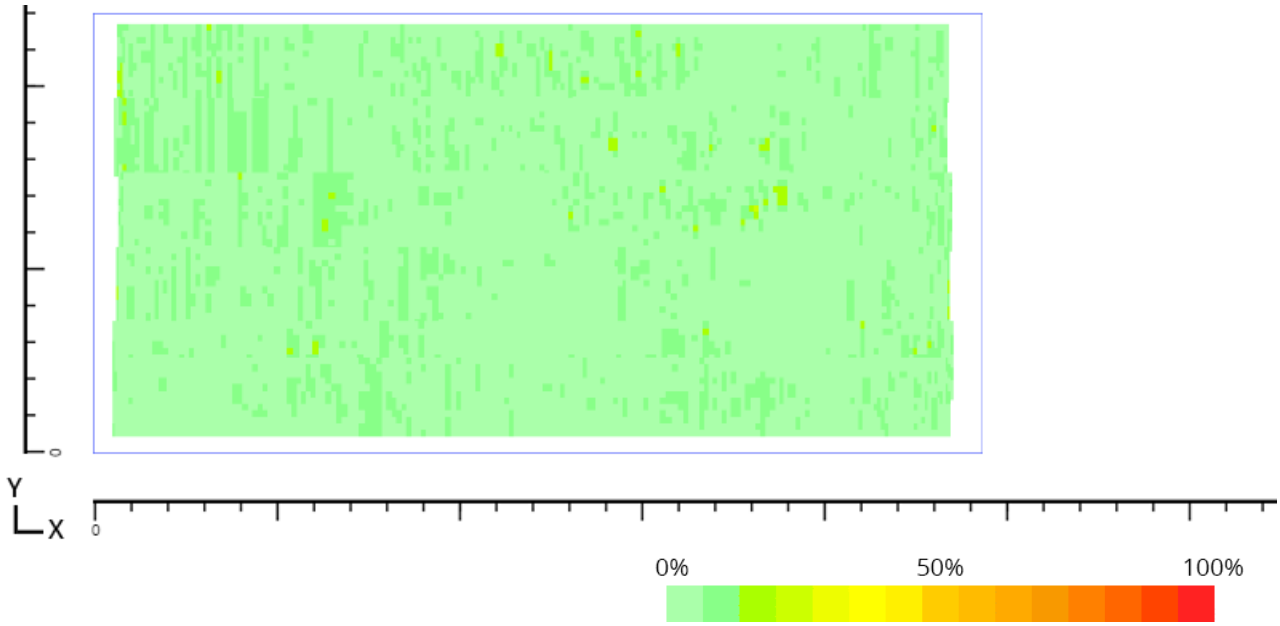
**Length (X):** 359.99cm

**Width (Y):** 178cm

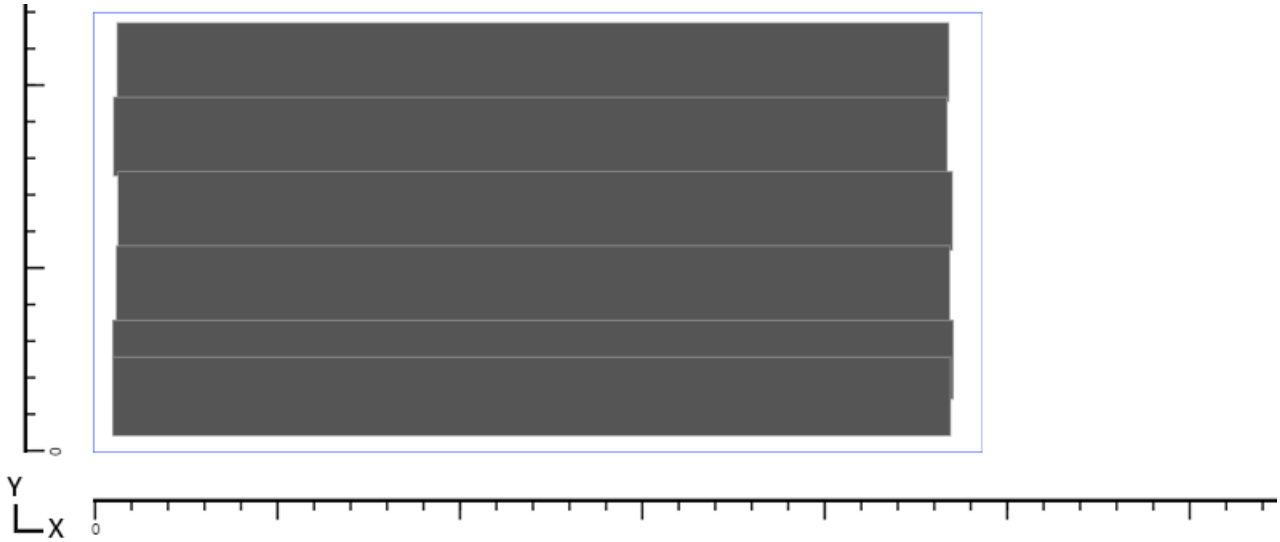
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

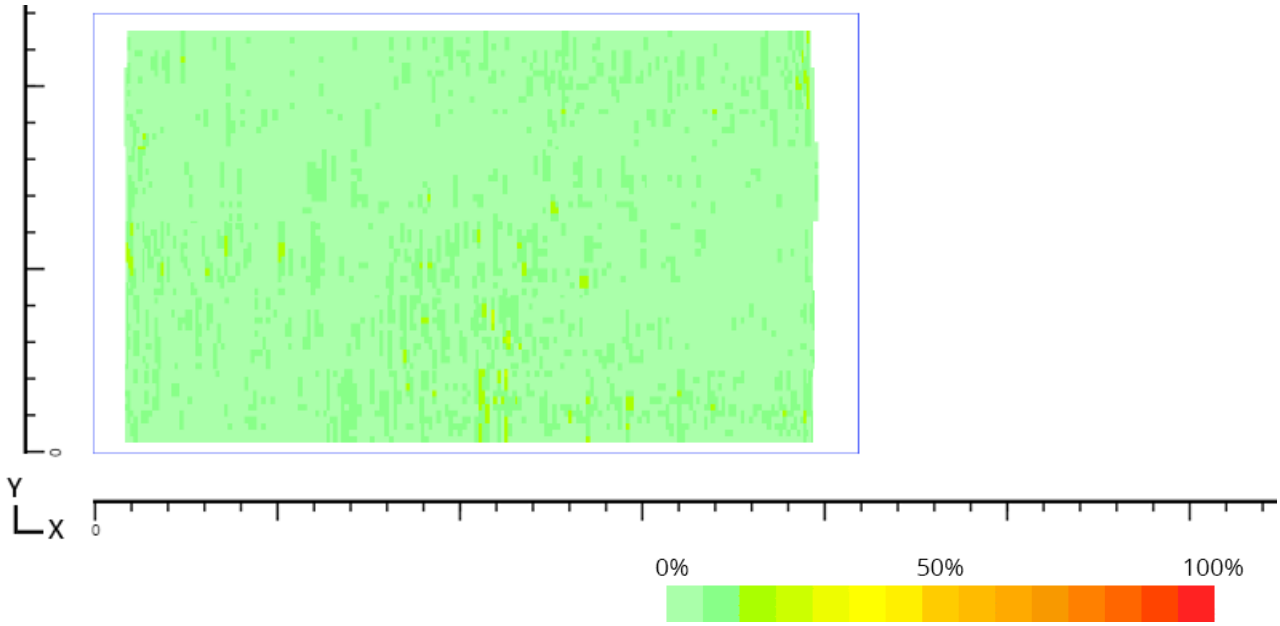


## Plate Number 52

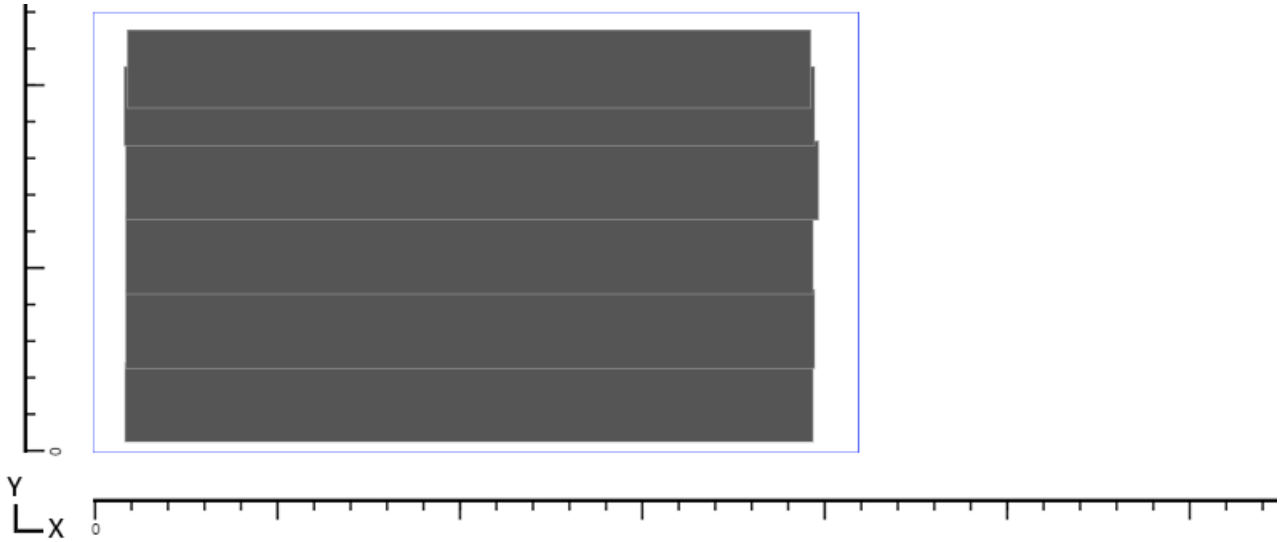
**Max Signal:** 26.7% **Length (X):** 310.01cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

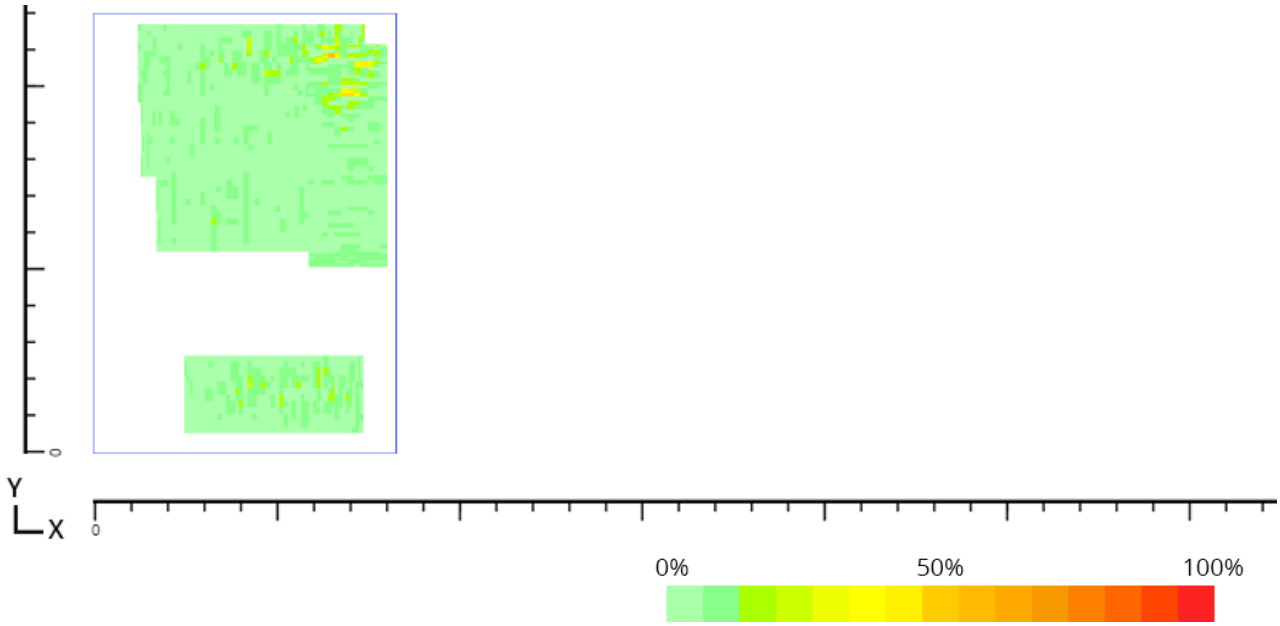


## Plate Number 53

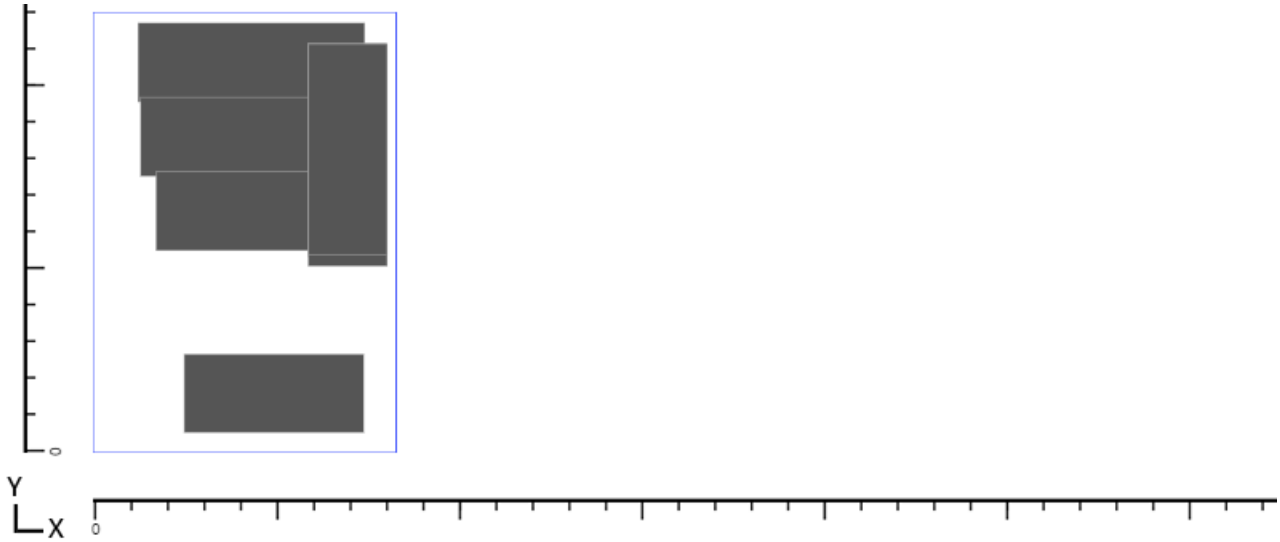
**Max Signal:** 93.3% **Length (X):** 123.01cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 0 – 500 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 54

**Max Signal:** 53.3%

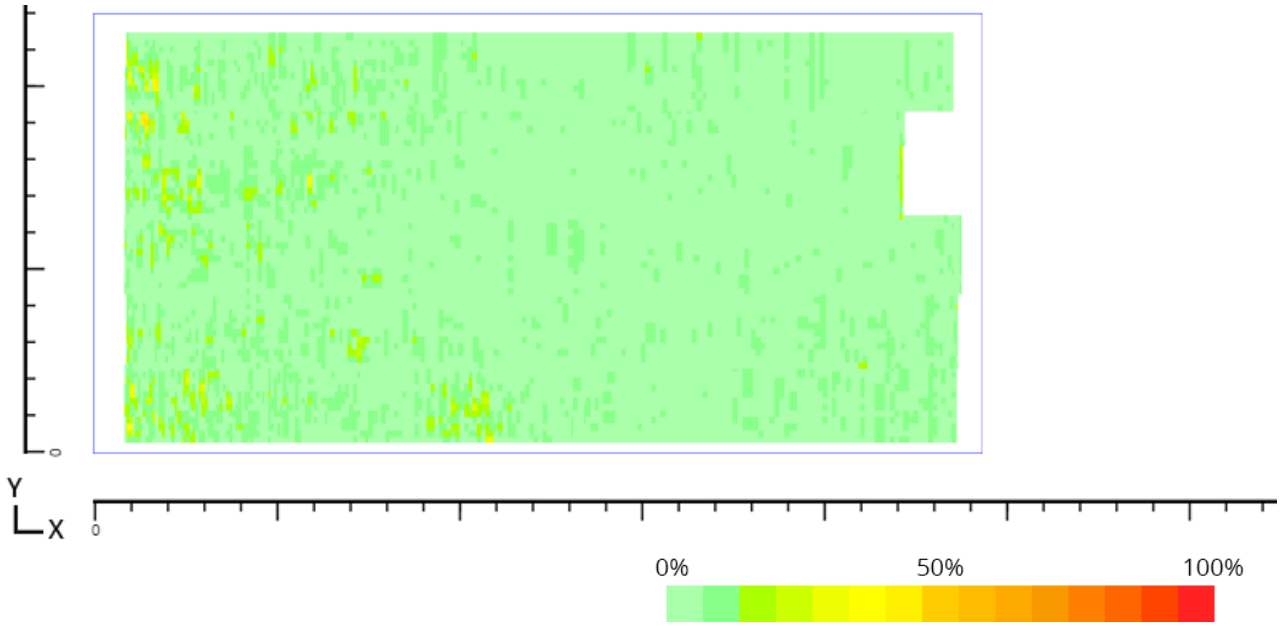
**Length (X):** 359.99cm

**Width (Y):** 178cm

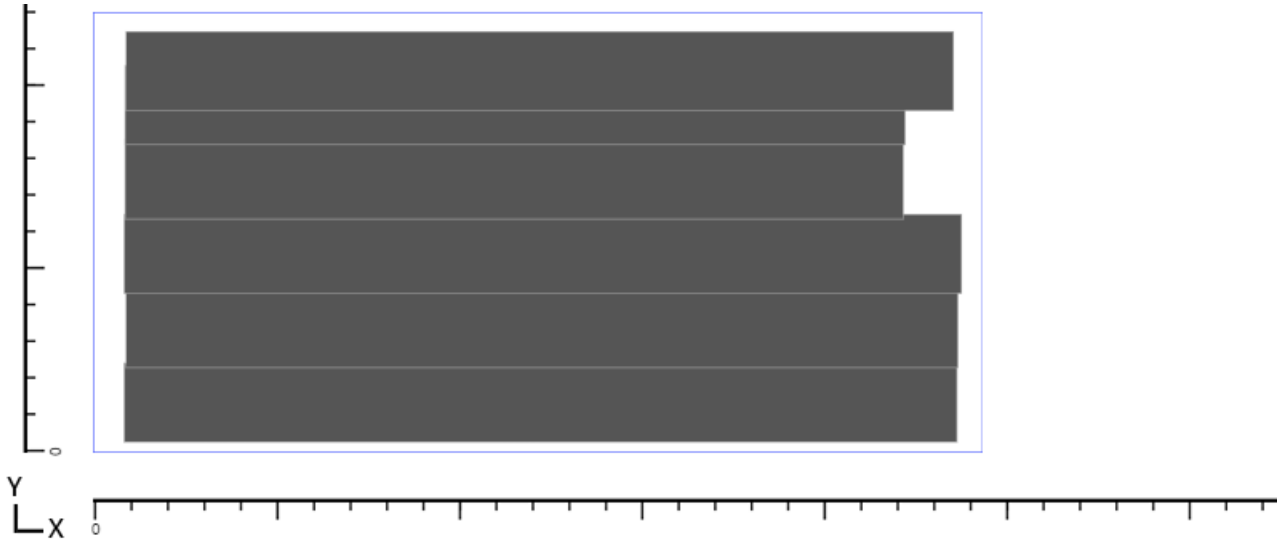
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 55

**Max Signal:** 33.3%

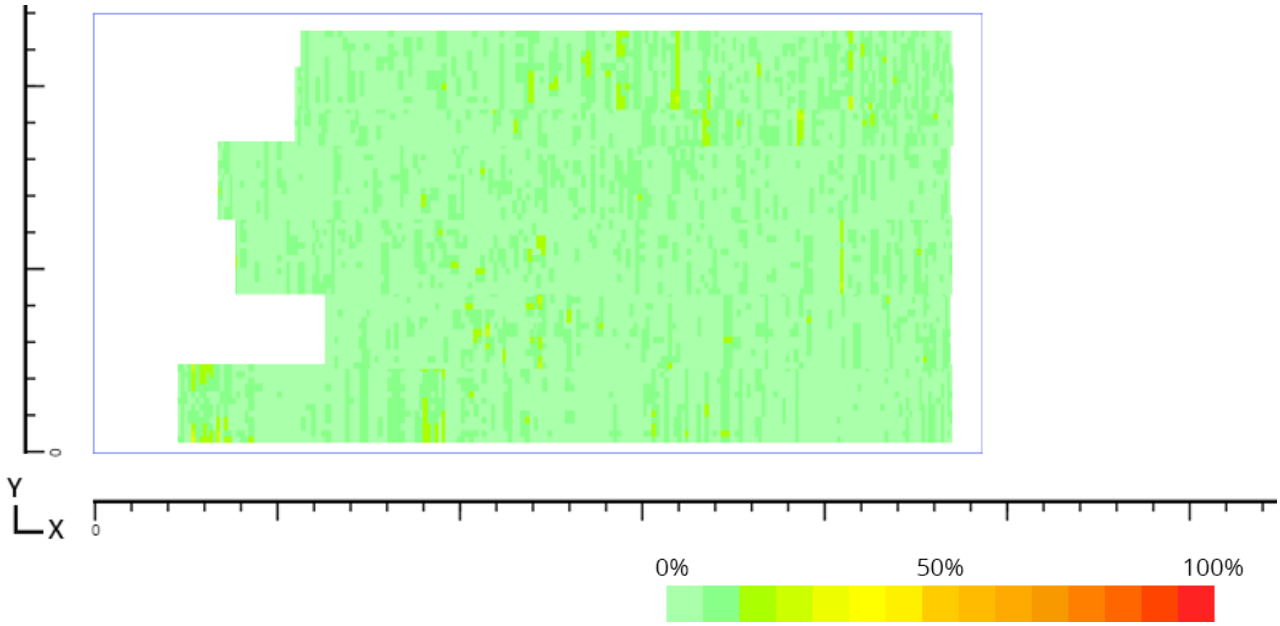
**Length (X):** 359.99cm

**Width (Y):** 178cm

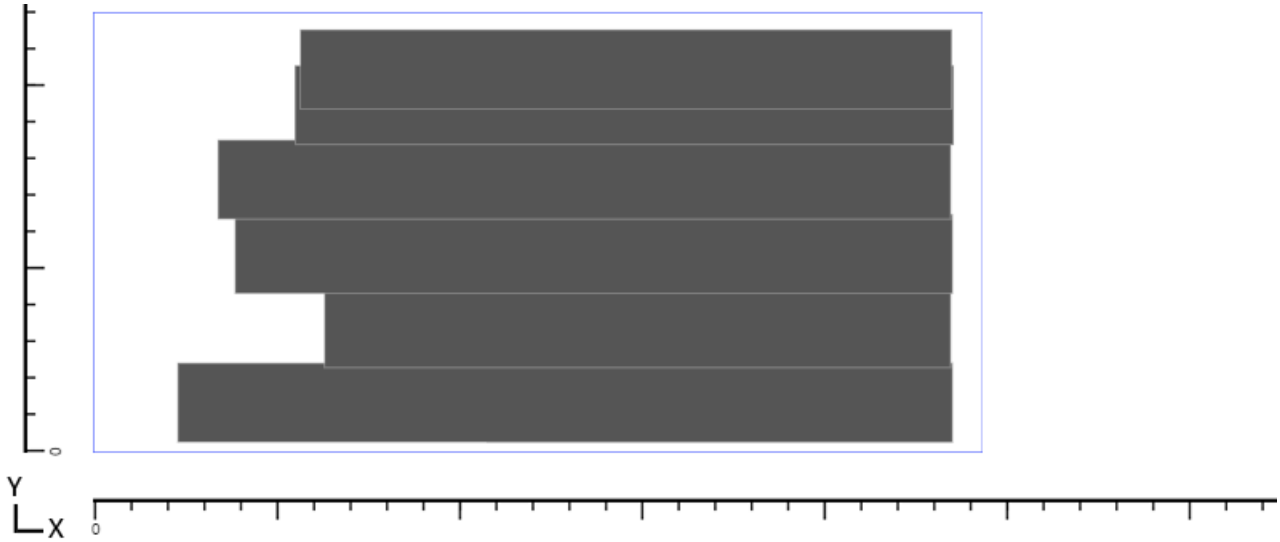
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 56

**Max Signal:** 33.3%

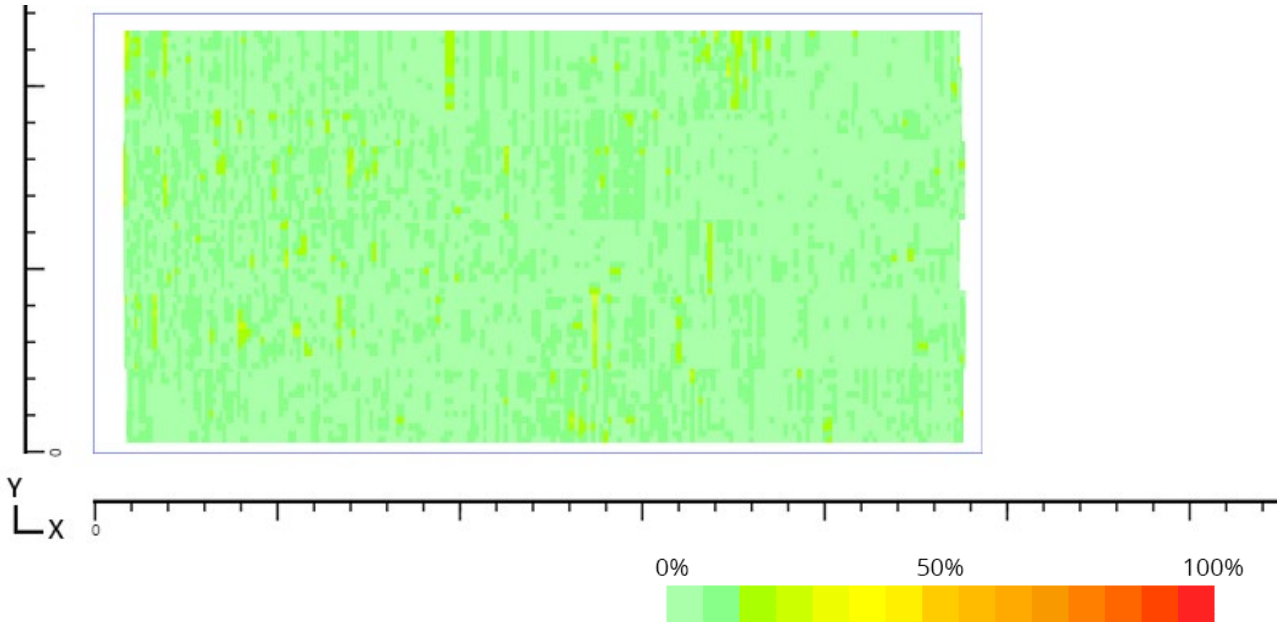
**Length (X):** 359.99cm

**Width (Y):** 178cm

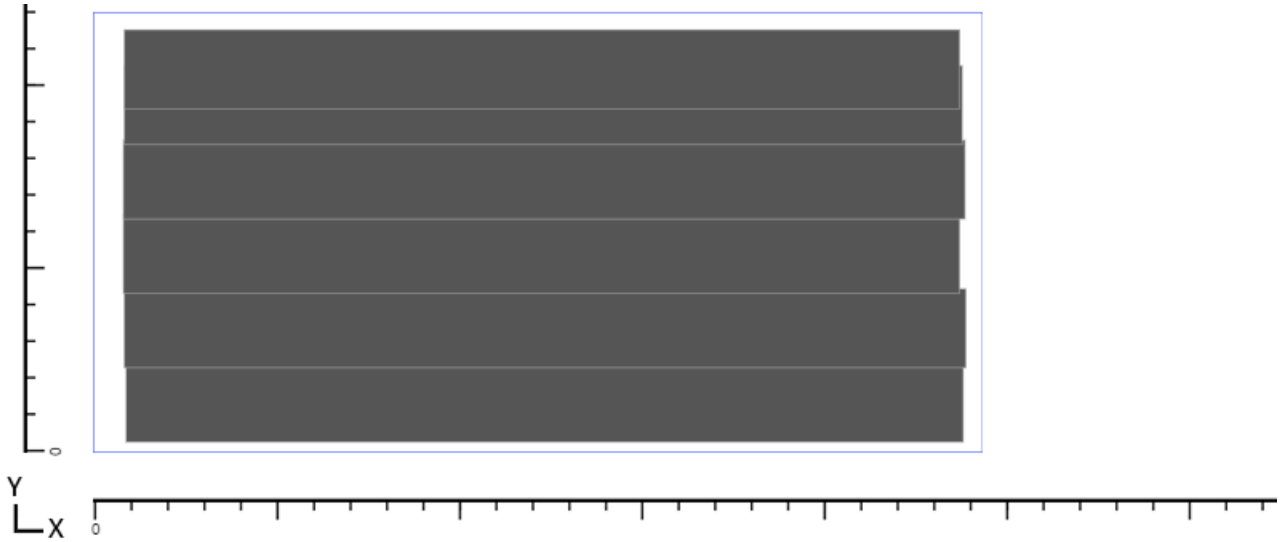
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 57

**Max Signal:** 40%

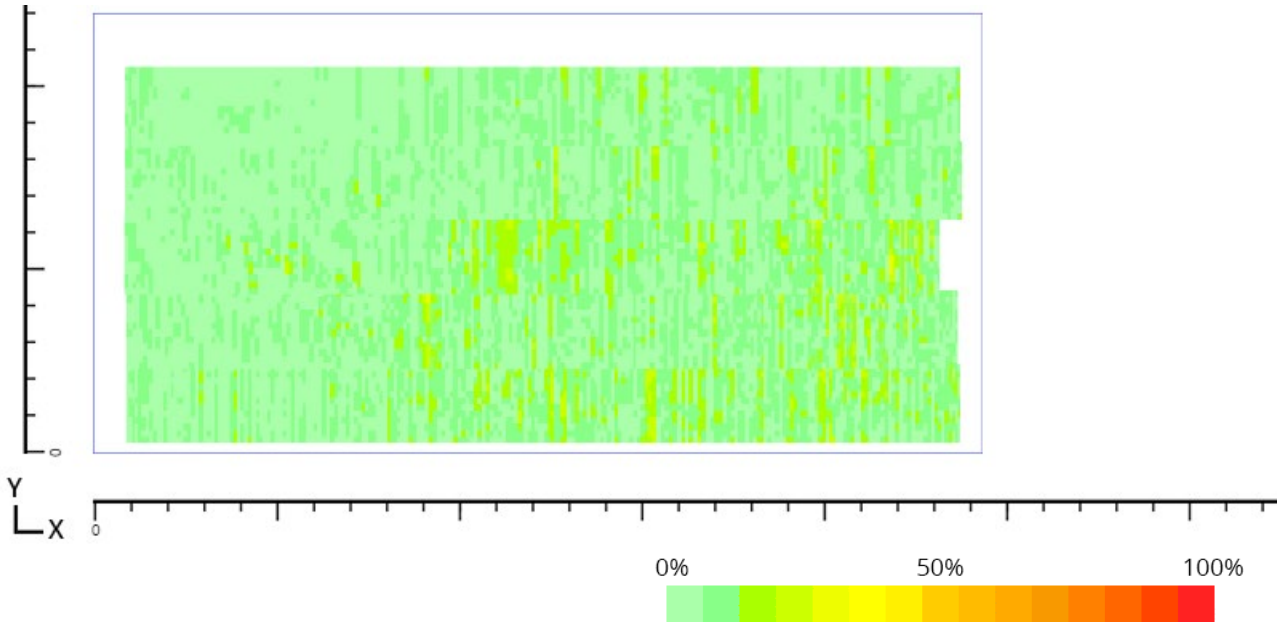
**Length (X):** 359.99cm

**Width (Y):** 178cm

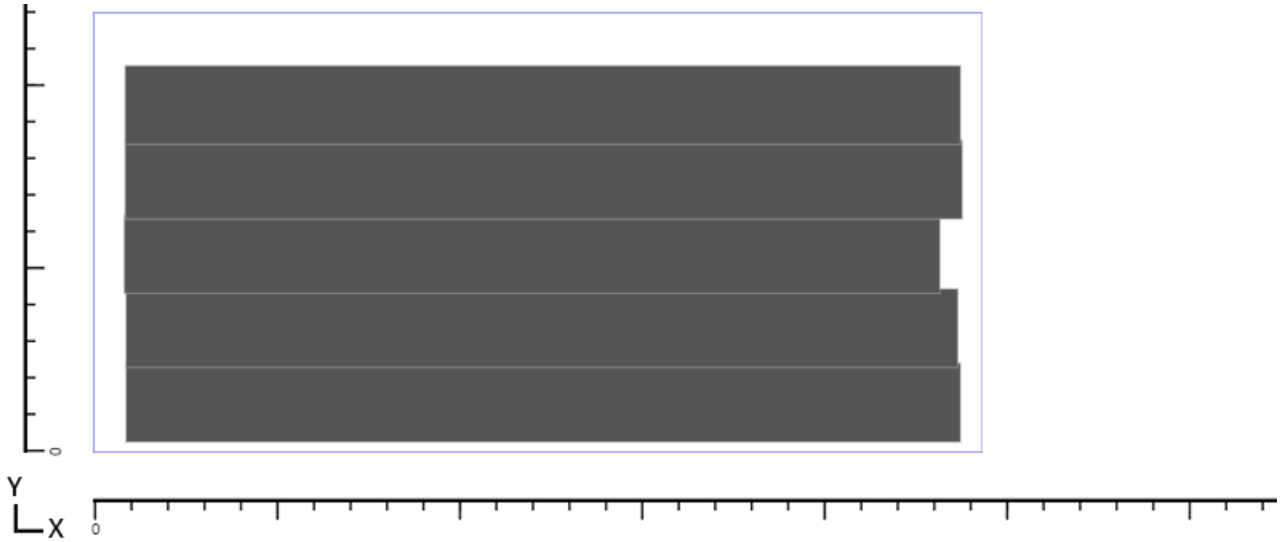
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 58

**Max Signal:** 46.7%

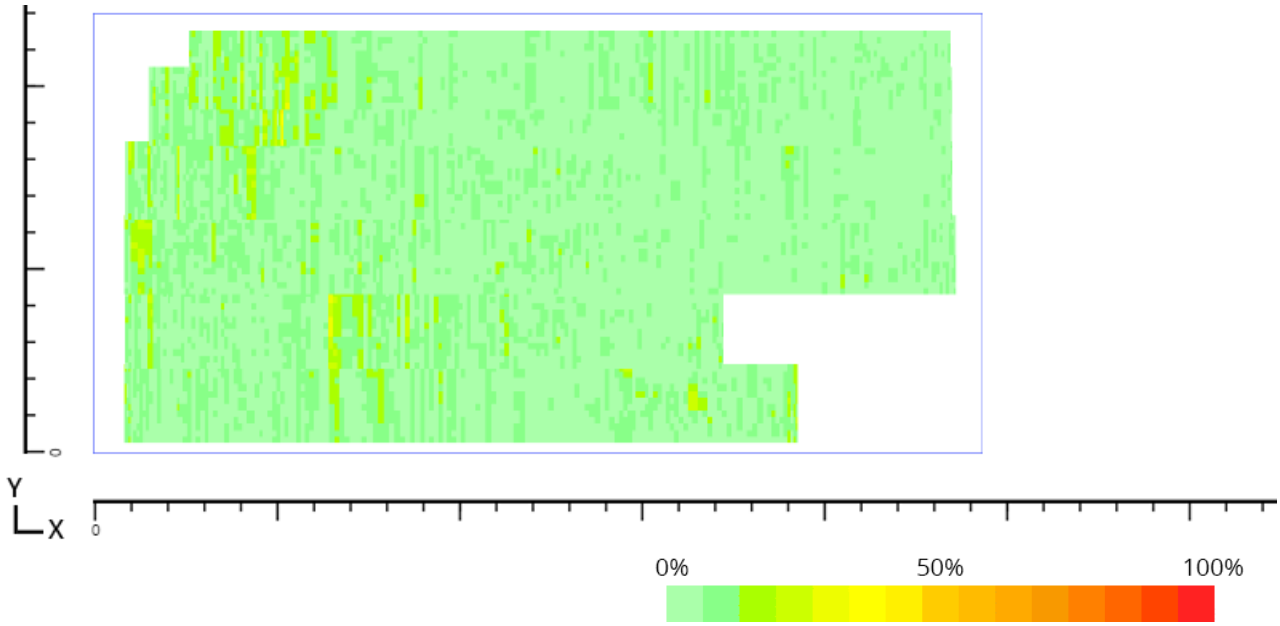
**Length (X):** 359.99cm

**Width (Y):** 178cm

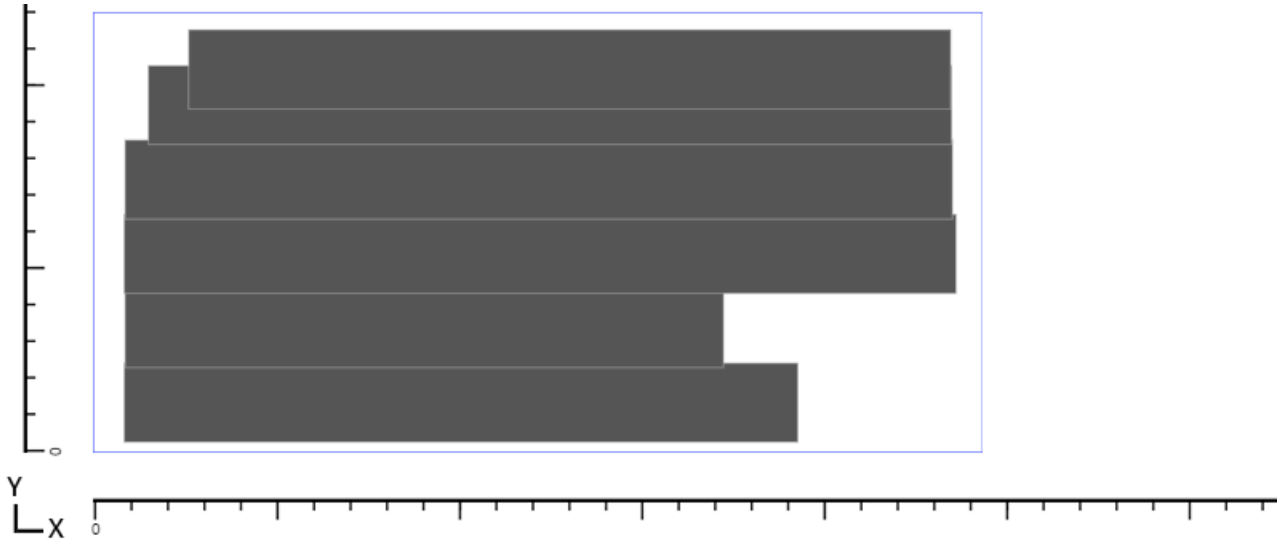
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 59

**Max Signal:** 40%

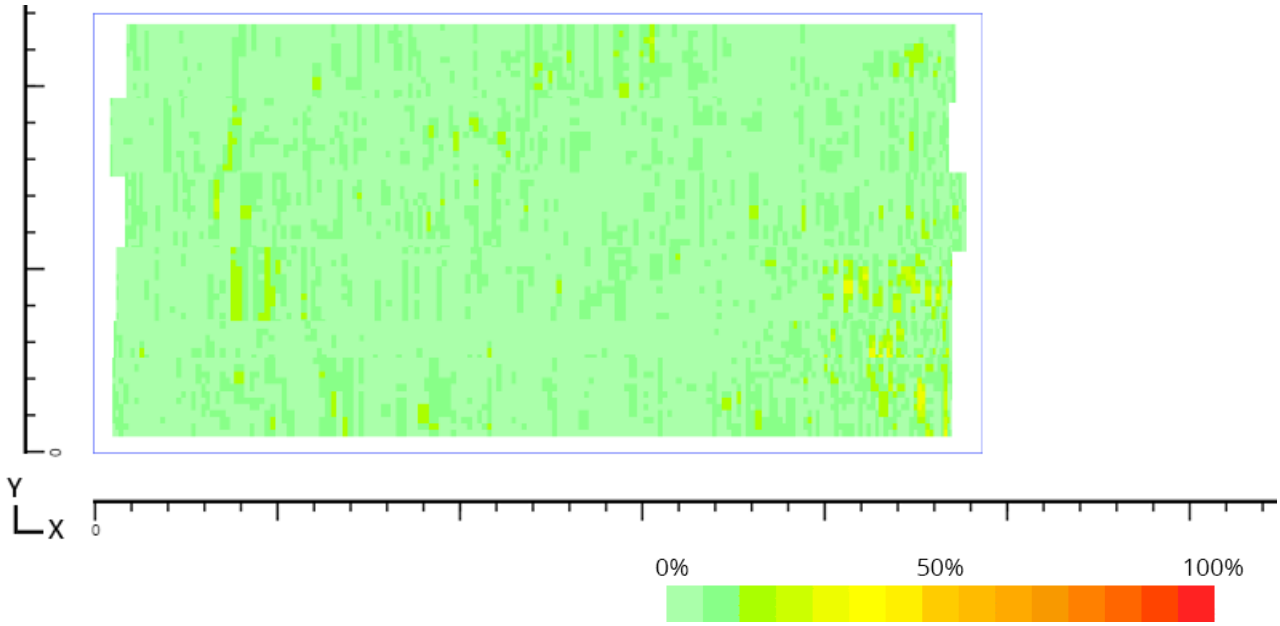
**Length (X):** 359.99cm

**Width (Y):** 178cm

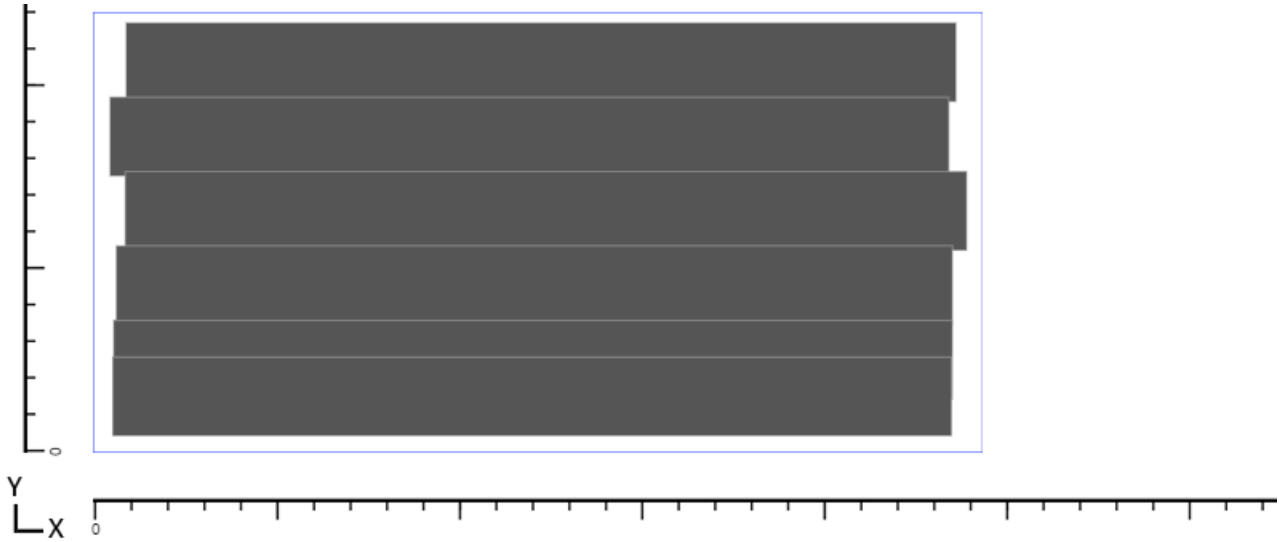
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 60

**Max Signal:** 66.7%

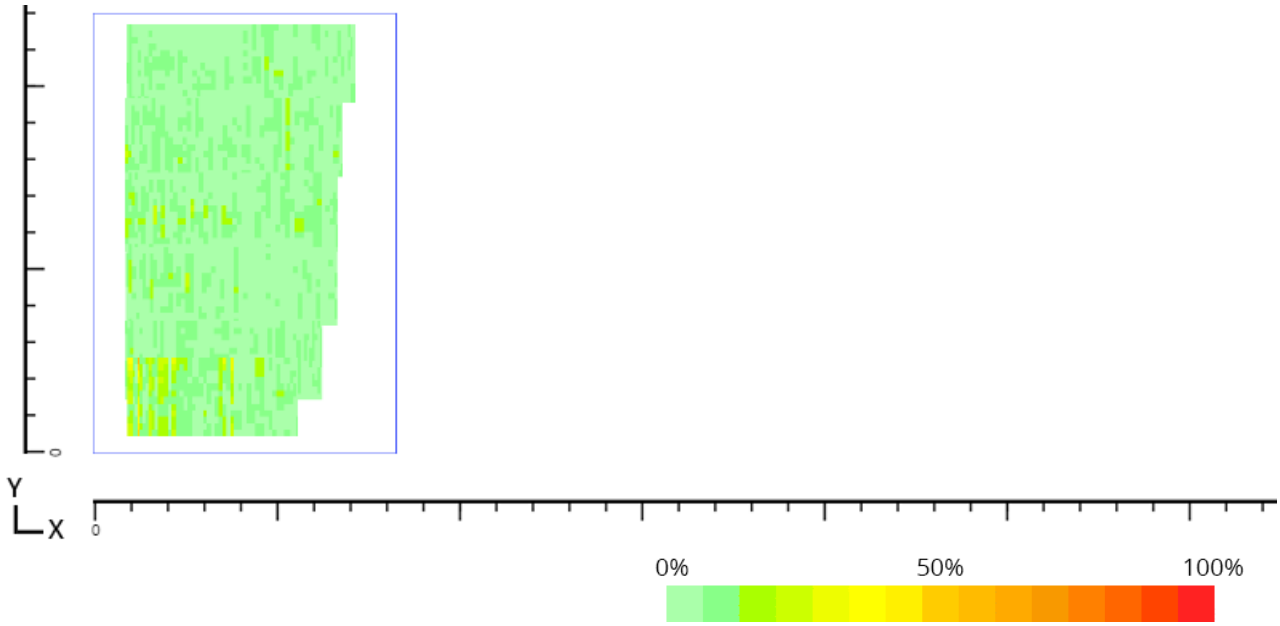
**Length (X):** 123.01cm

**Width (Y):** 178cm

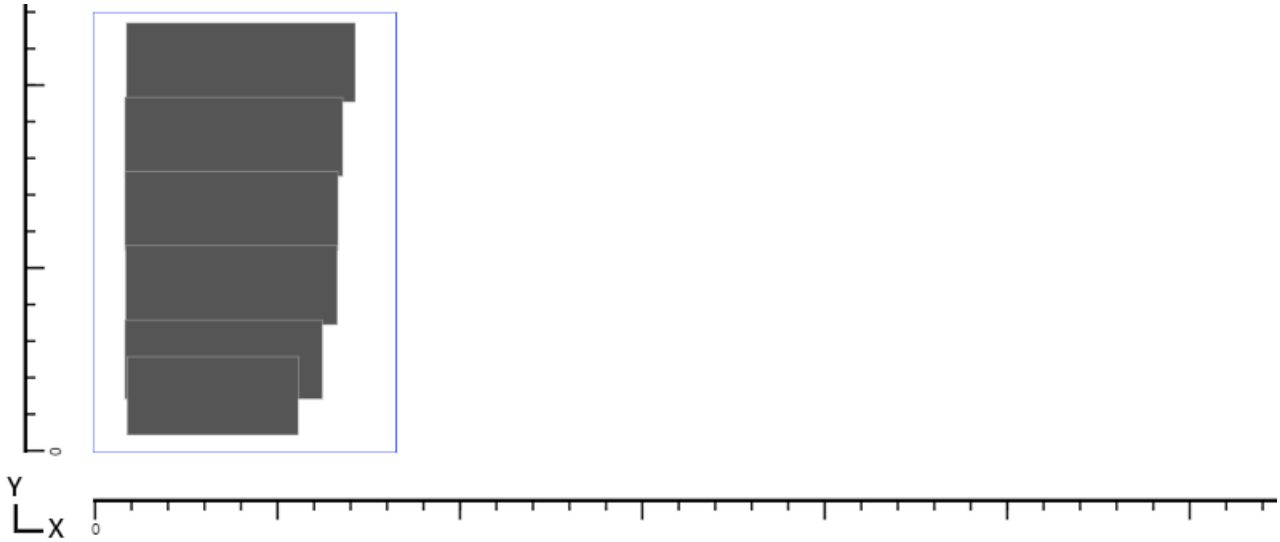
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

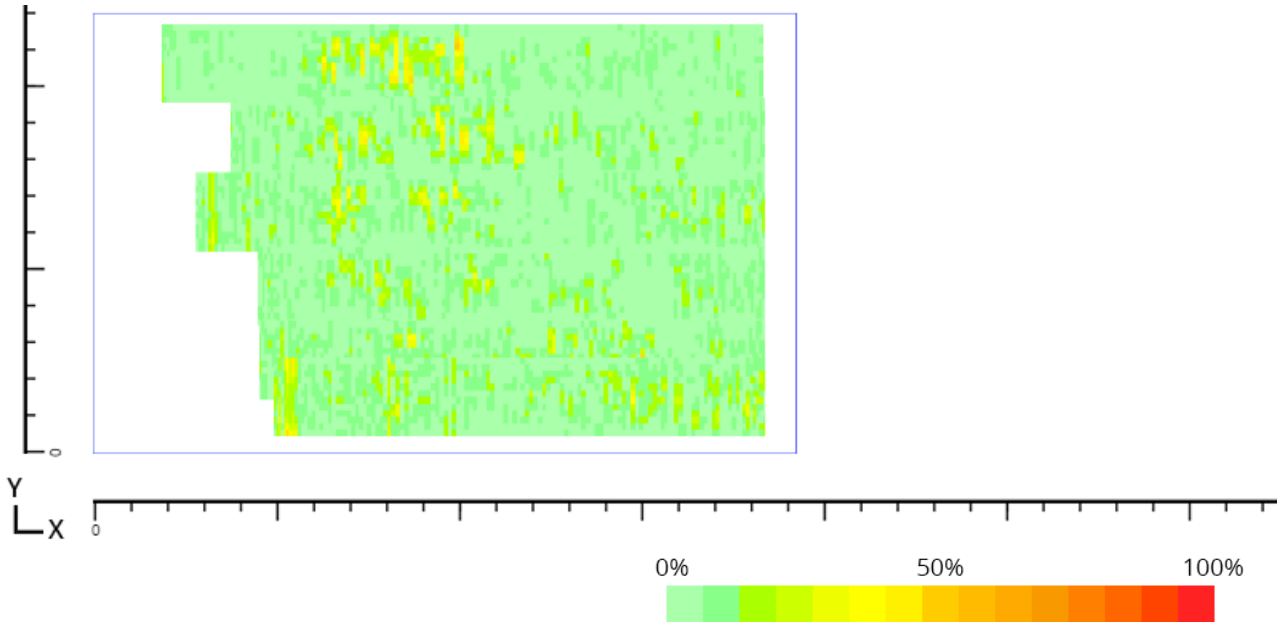


## Plate Number 61

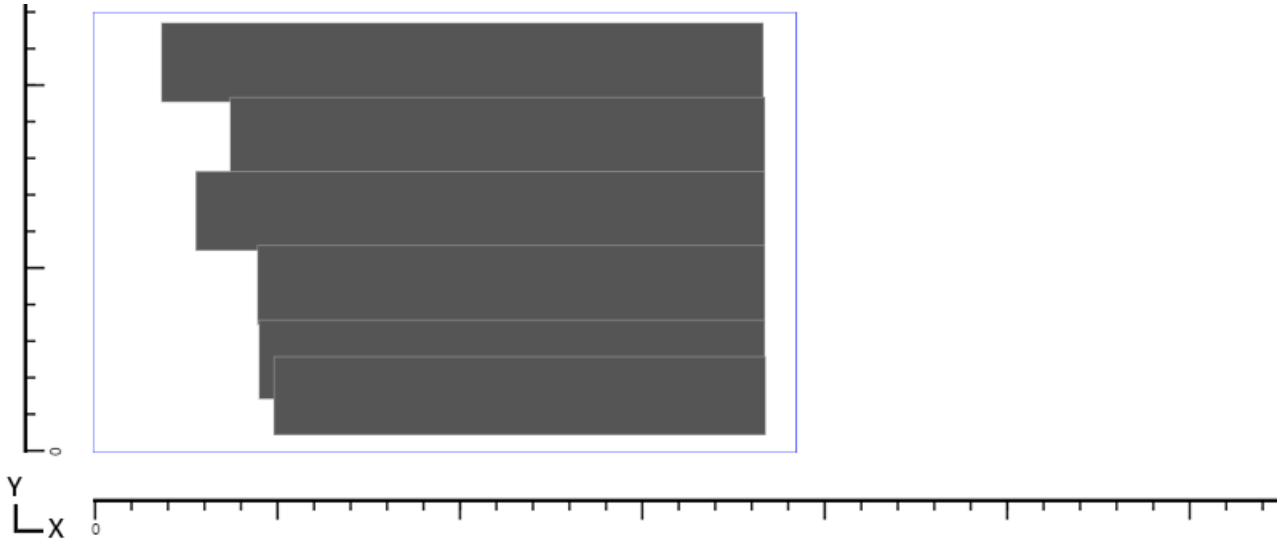
**Max Signal:** 60% **Length (X):** 284.99cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 62

**Max Signal:** 40%

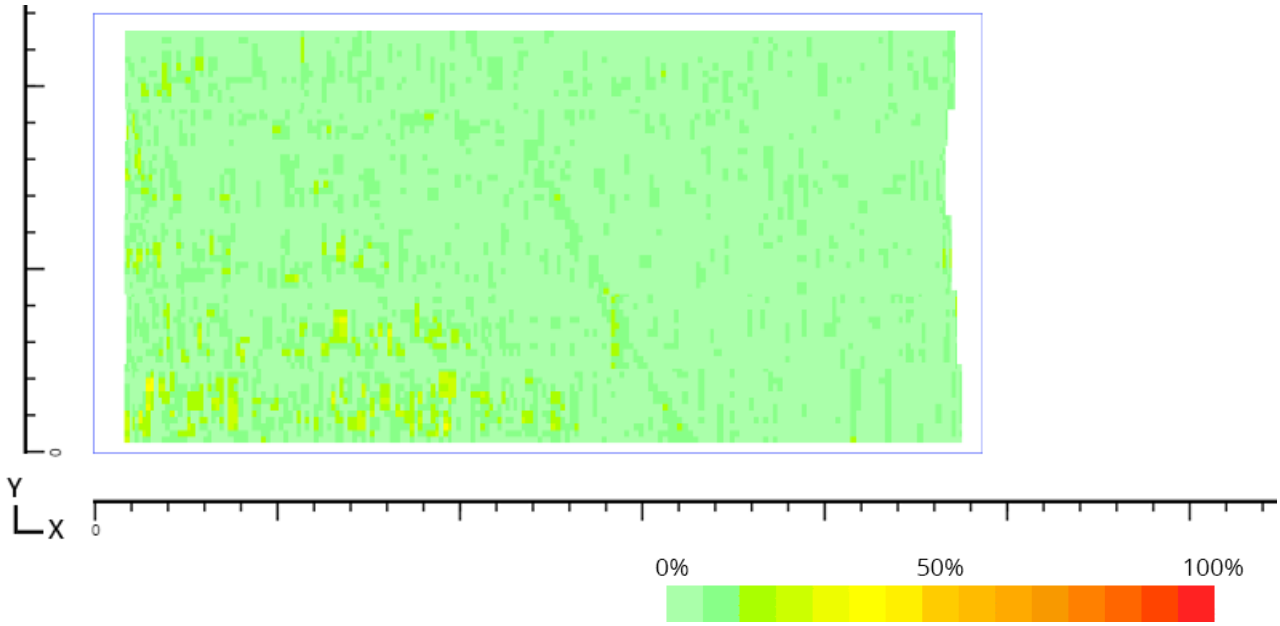
**Length (X):** 359.99cm

**Width (Y):** 178cm

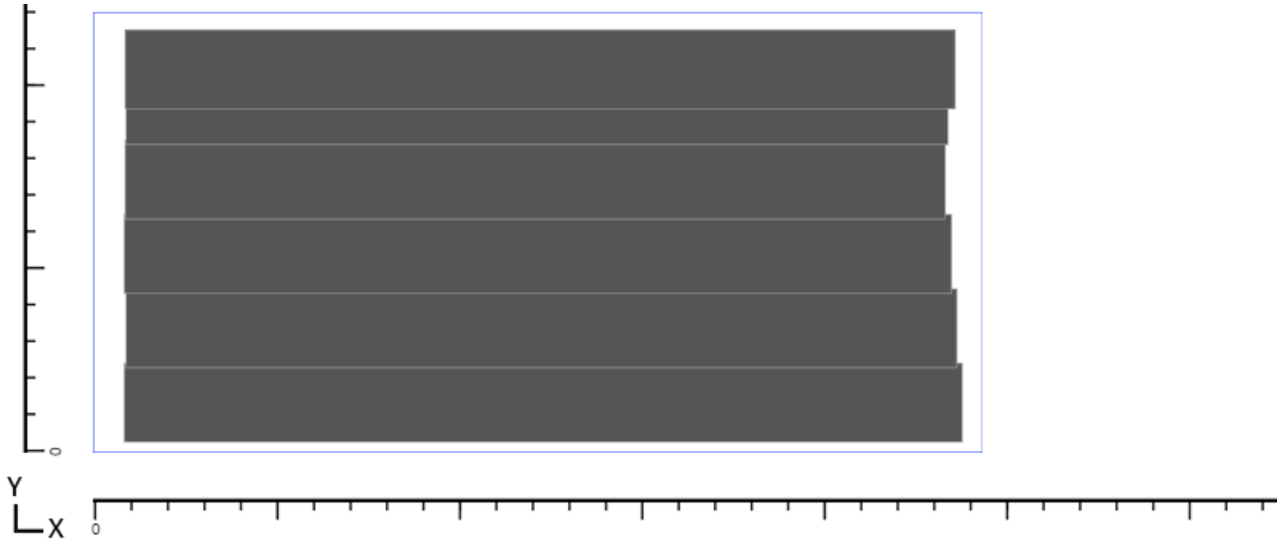
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 63

**Max Signal:** 33.3%

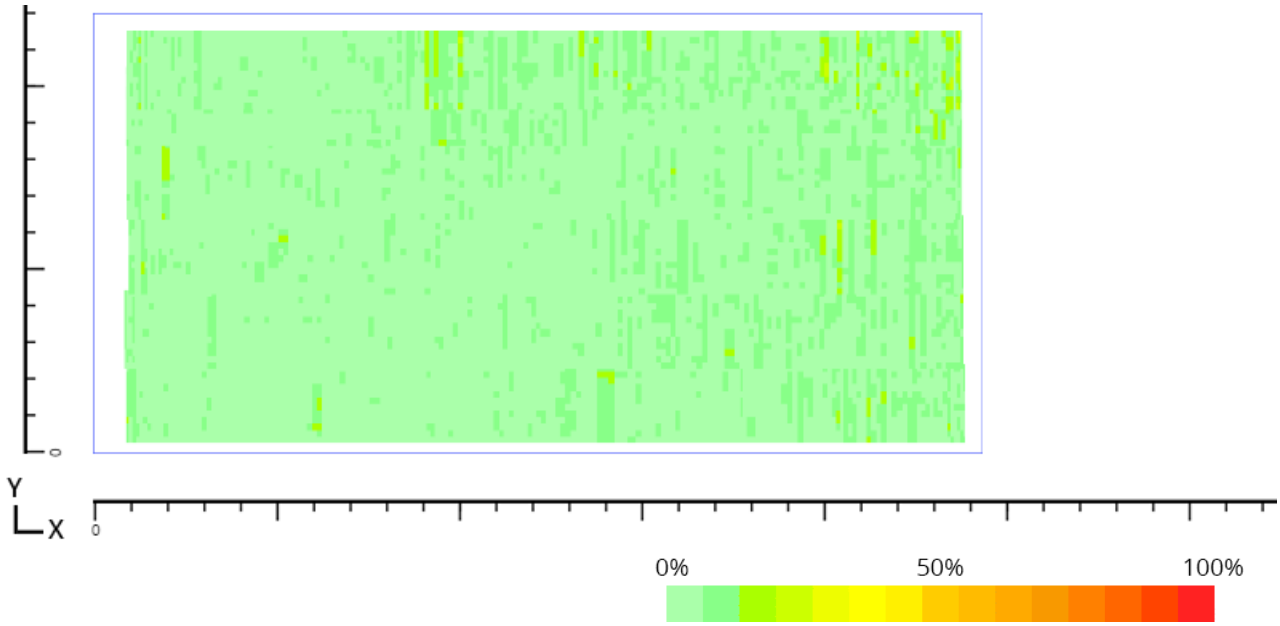
**Length (X):** 359.99cm

**Width (Y):** 178cm

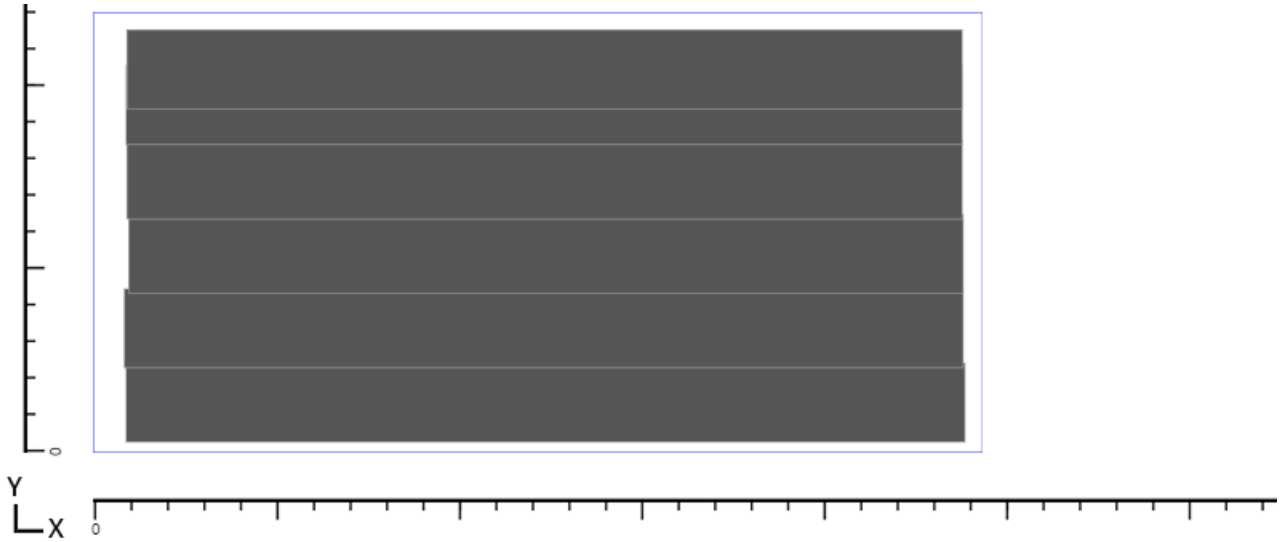
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 64

**Max Signal:** 33.3%

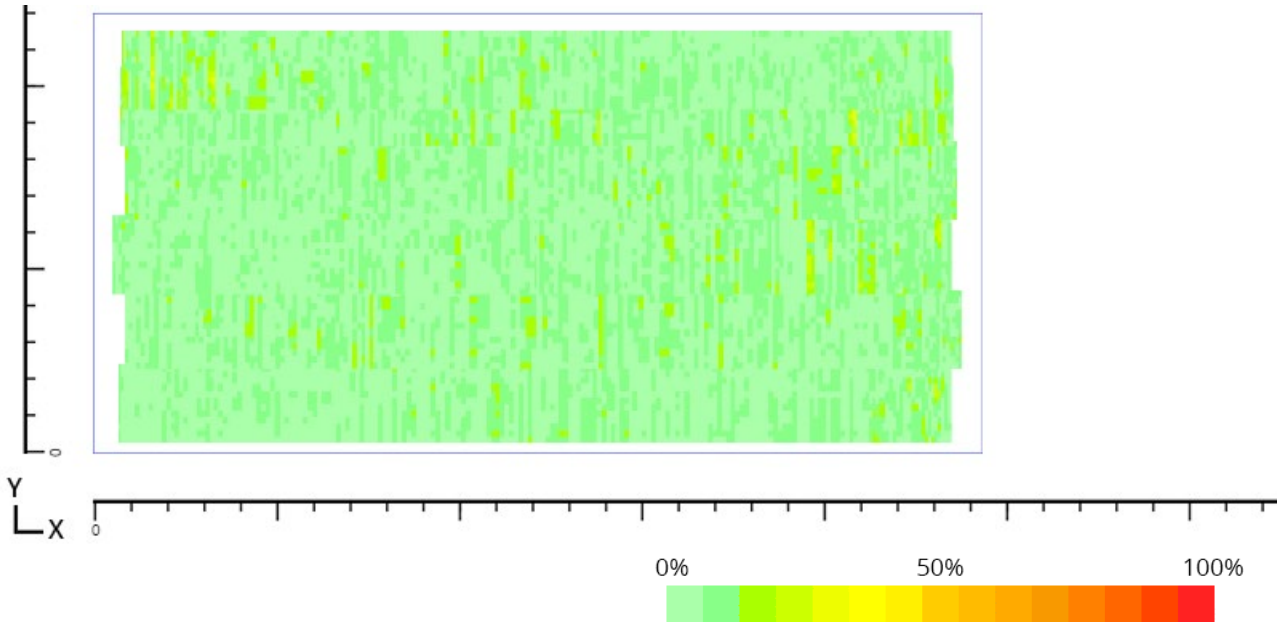
**Length (X):** 359.99cm

**Width (Y):** 178cm

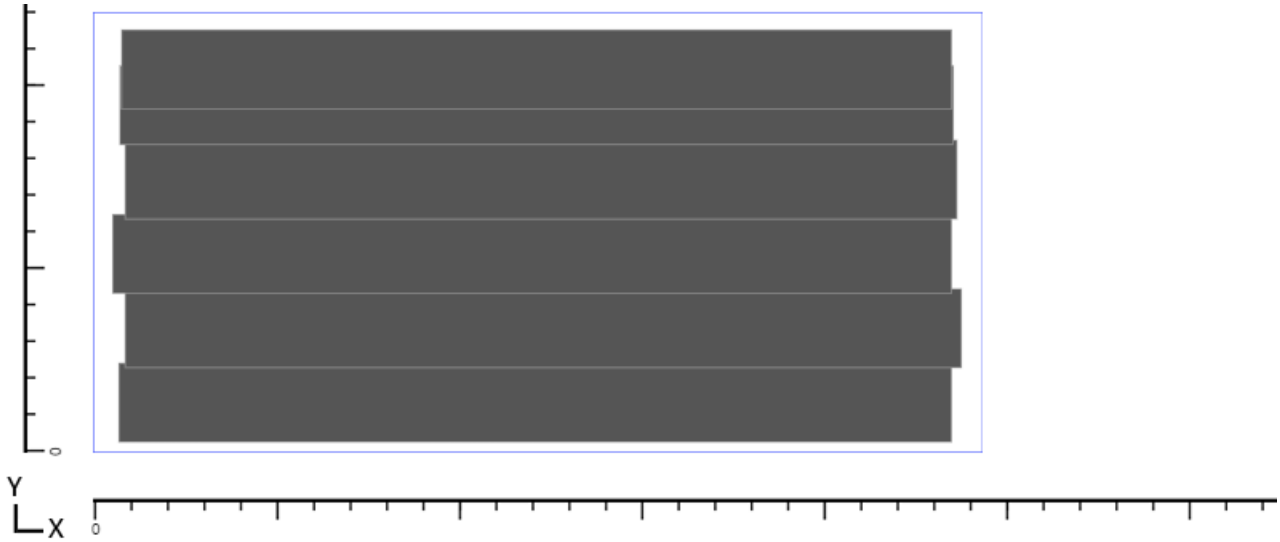
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 65

**Max Signal:** 40%

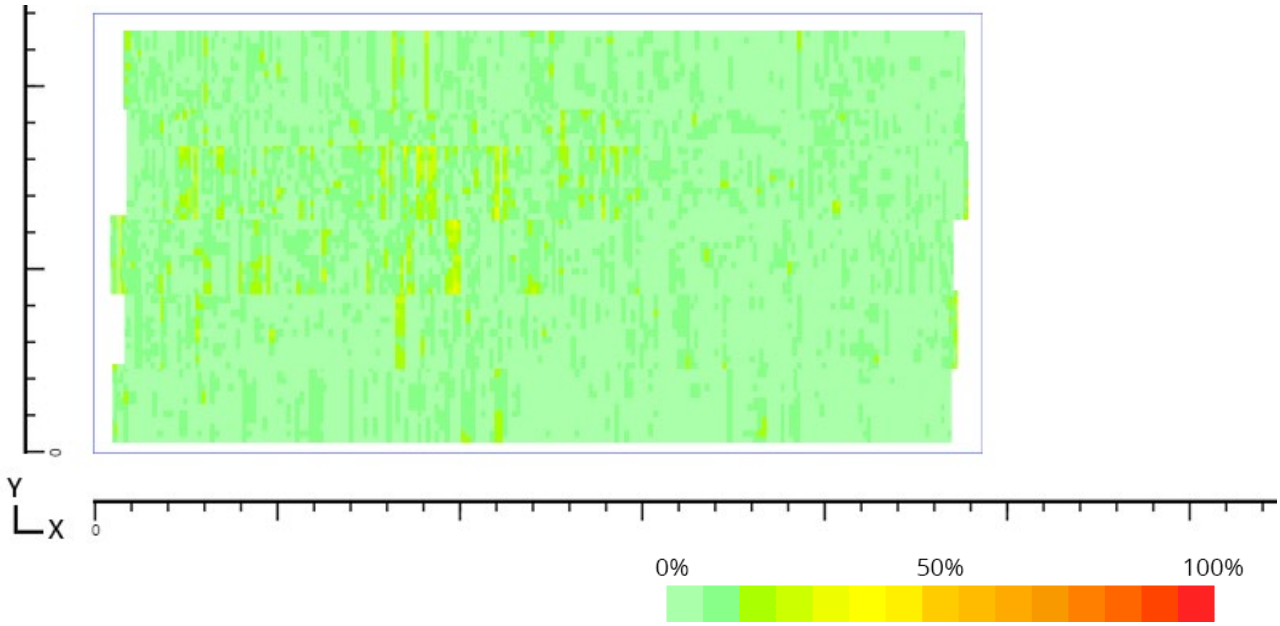
**Length (X):** 359.99cm

**Width (Y):** 178cm

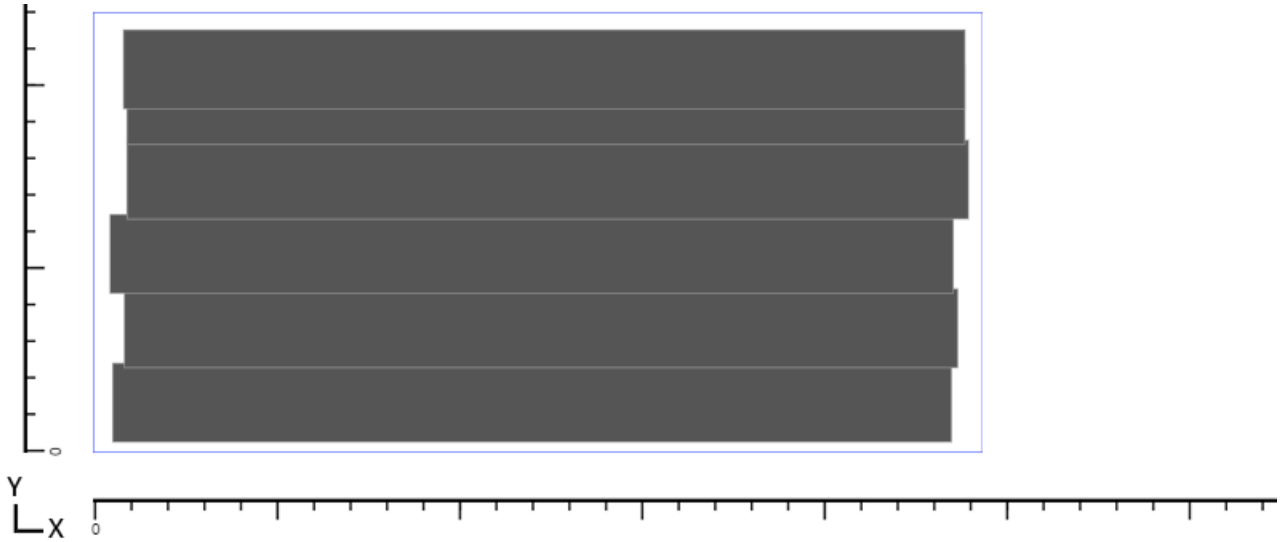
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 66

**Max Signal:** 33.3%

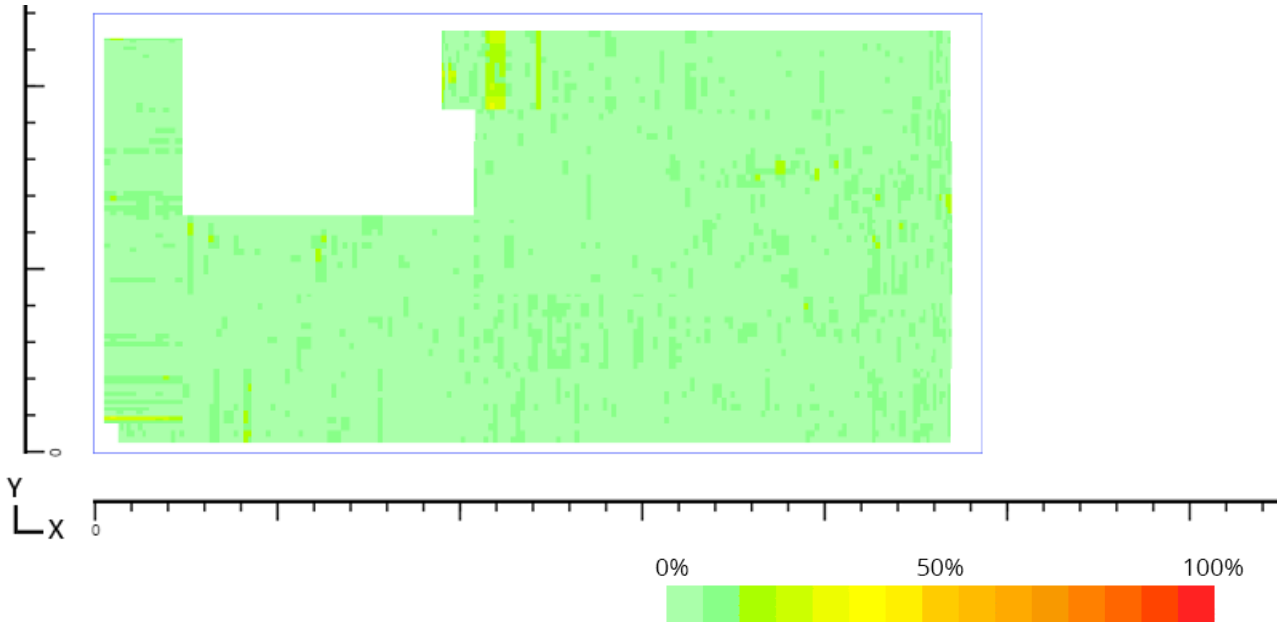
**Length (X):** 359.99cm

**Width (Y):** 178cm

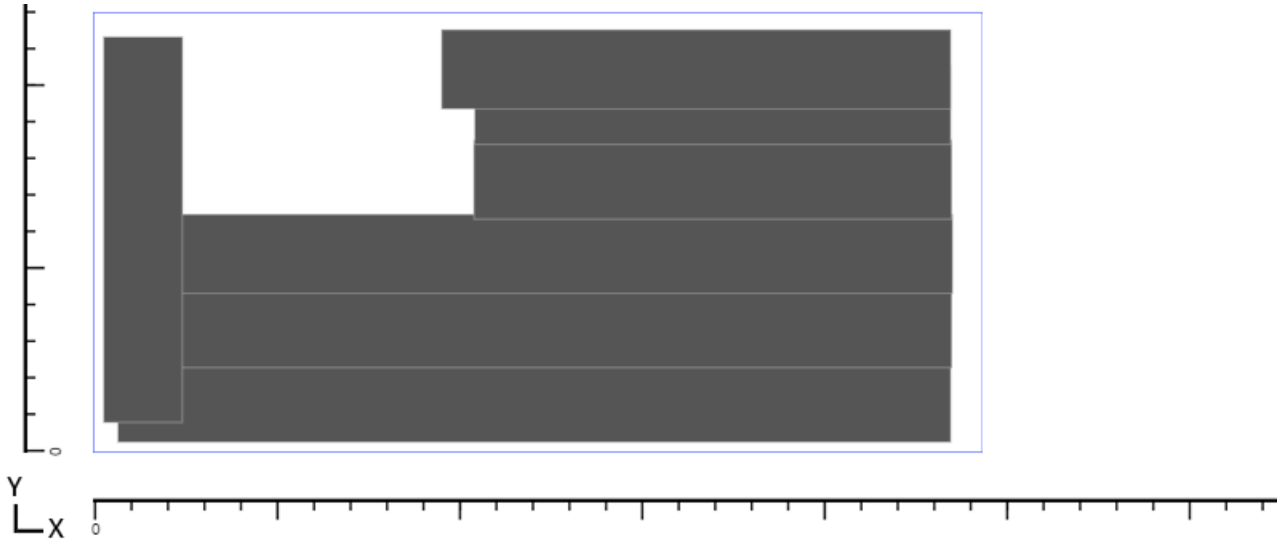
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

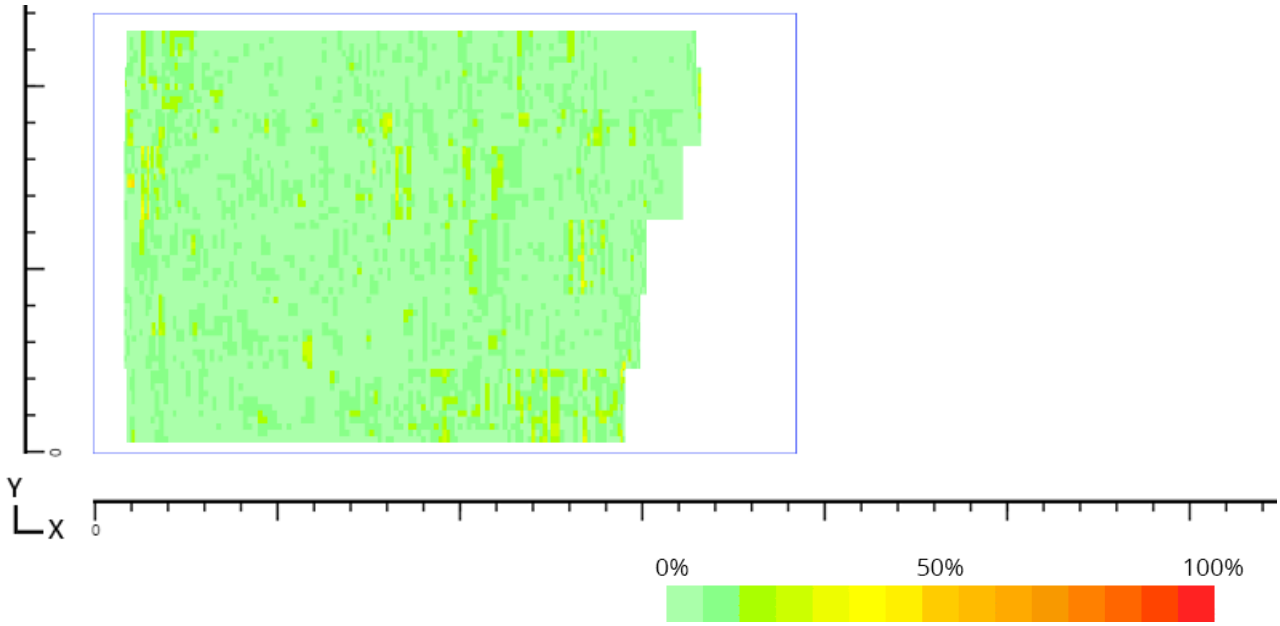


## Plate Number 67

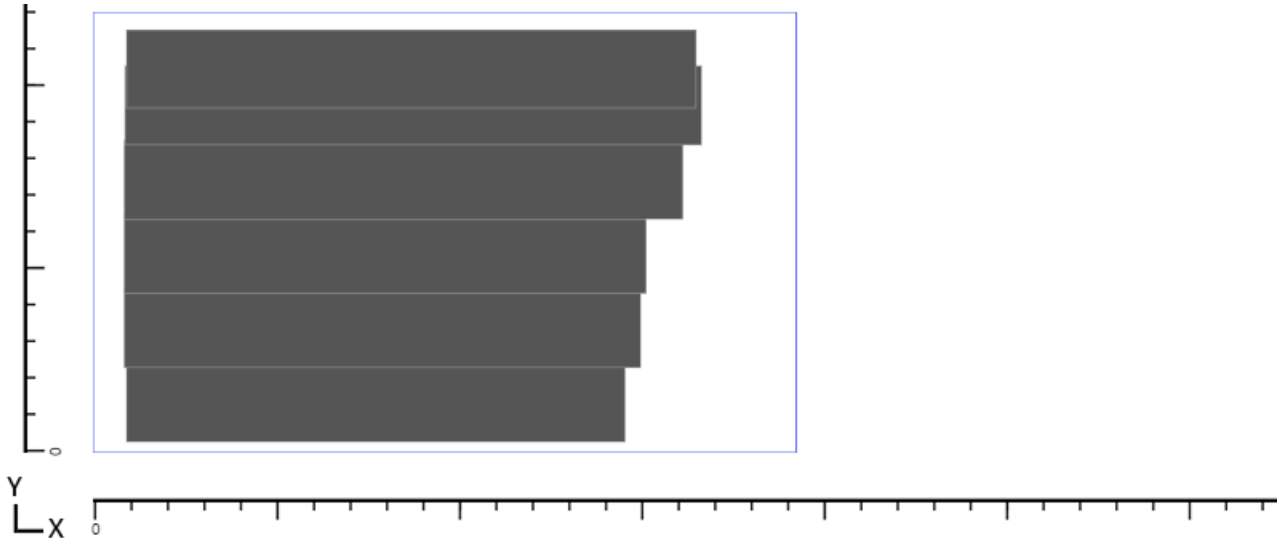
**Max Signal:** 53.3% **Length (X):** 284.99cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 69

**Max Signal:** 60%

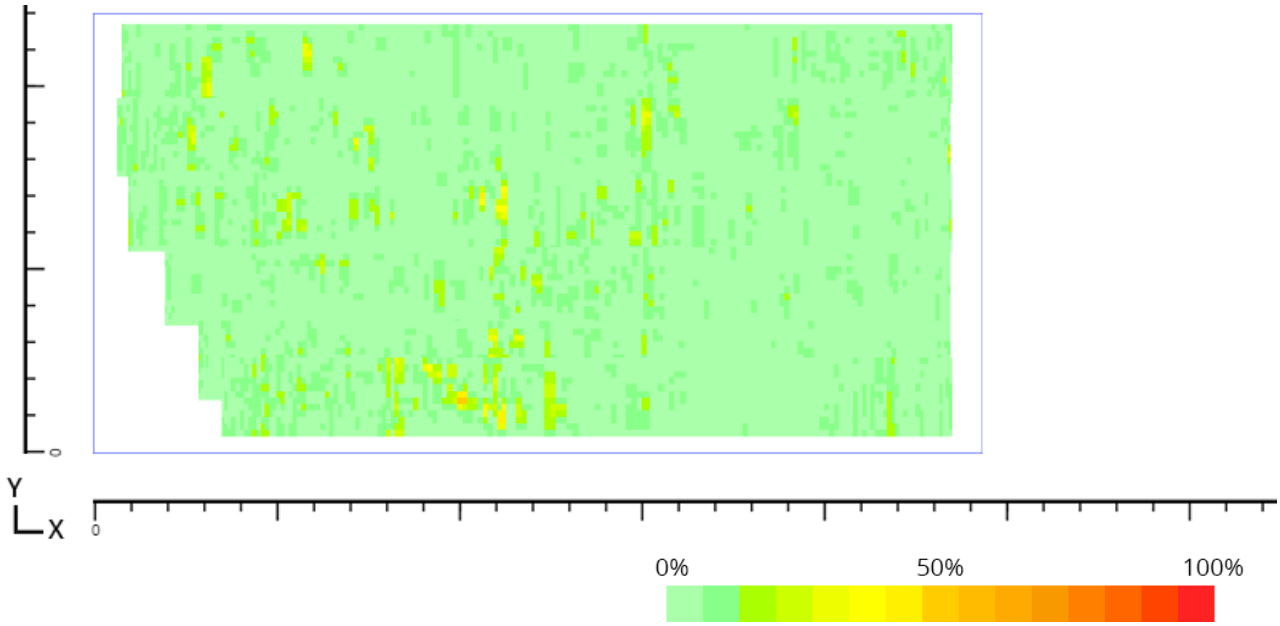
**Length (X):** 359.99cm

**Width (Y):** 178cm

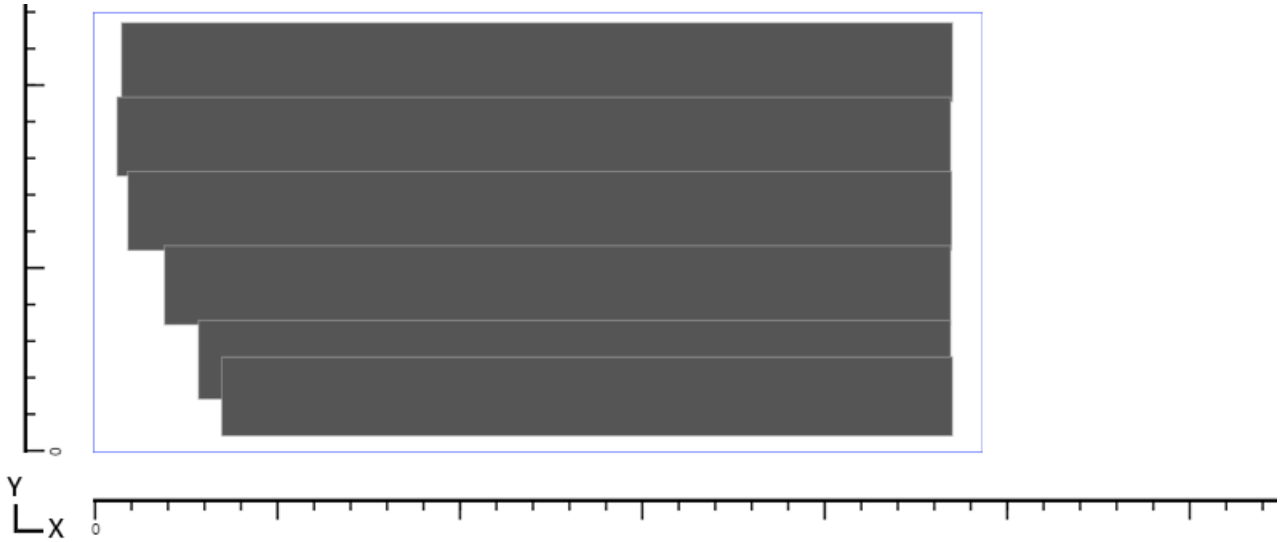
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 70

**Max Signal:** 40%

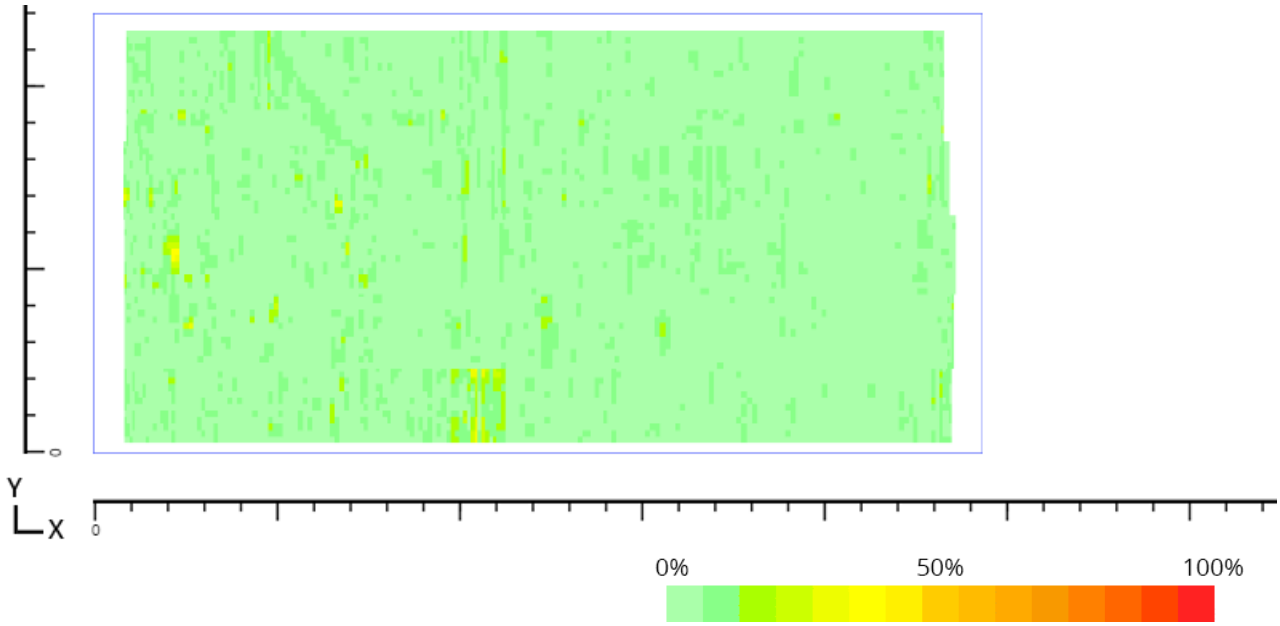
**Length (X):** 359.99cm

**Width (Y):** 178cm

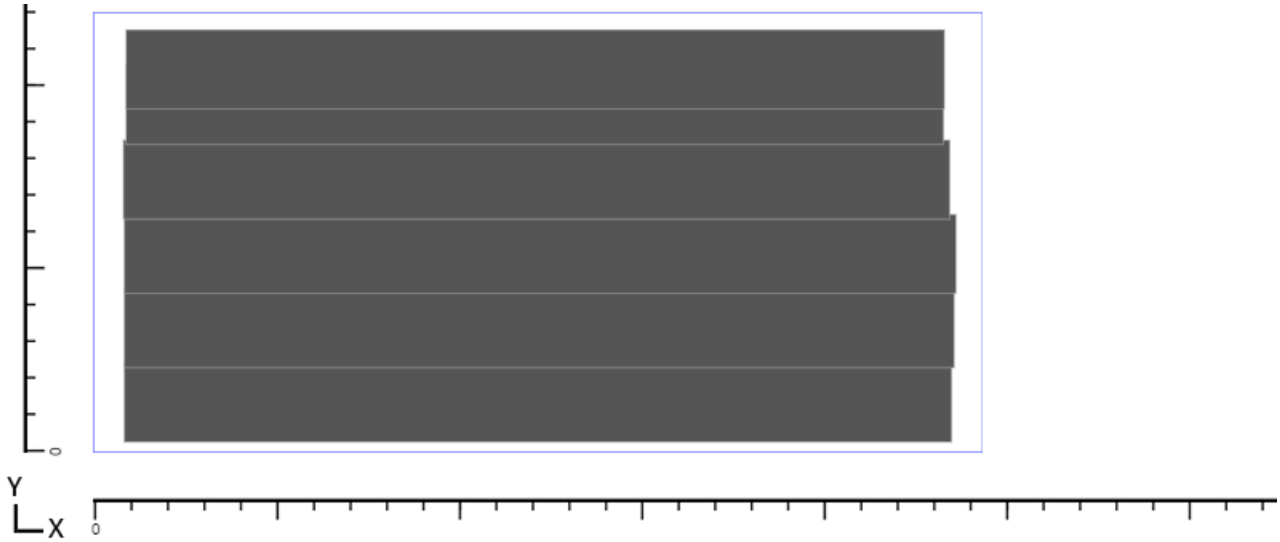
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 71

**Max Signal:** 33.3%

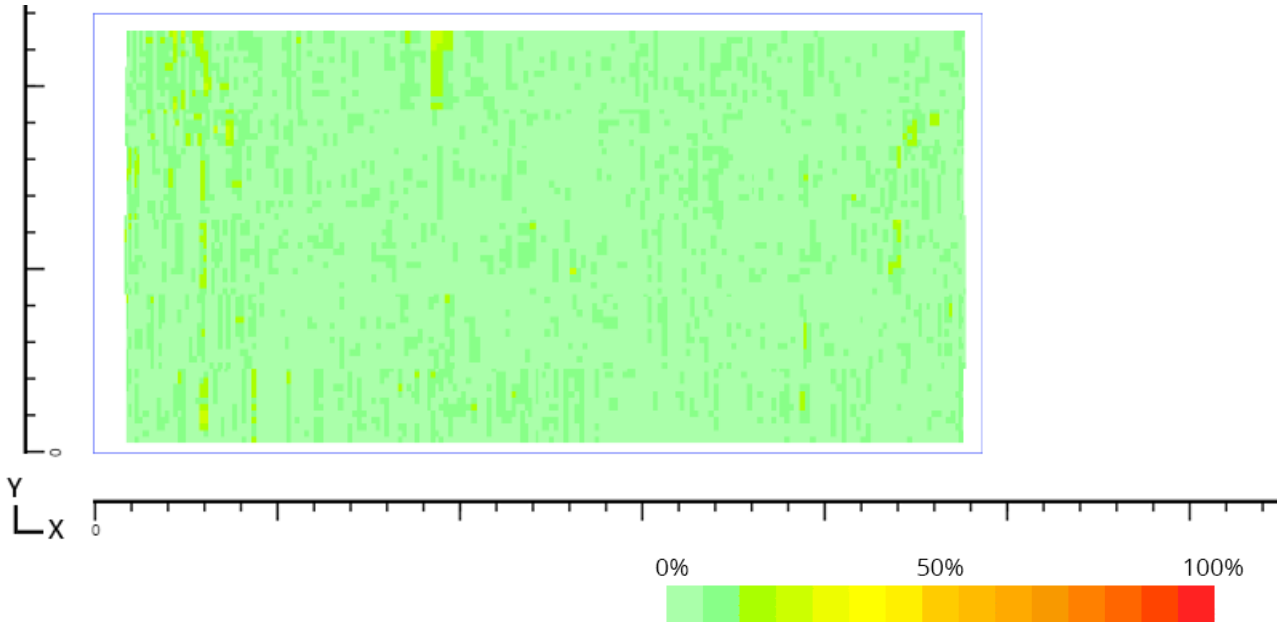
**Length (X):** 359.99cm

**Width (Y):** 178cm

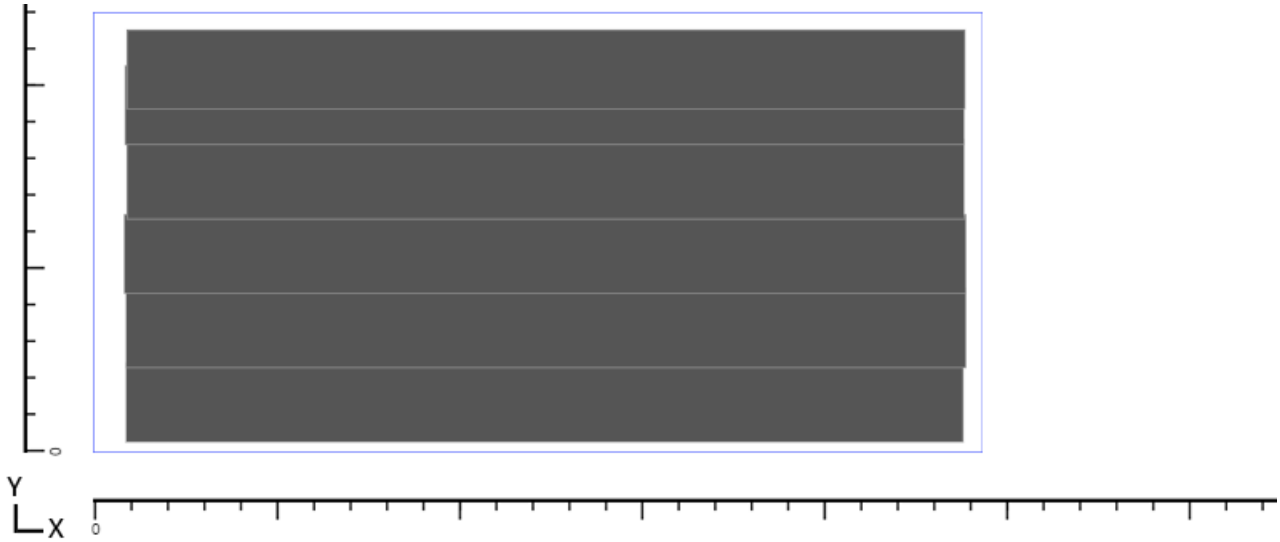
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 72

**Max Signal:** 33.3%

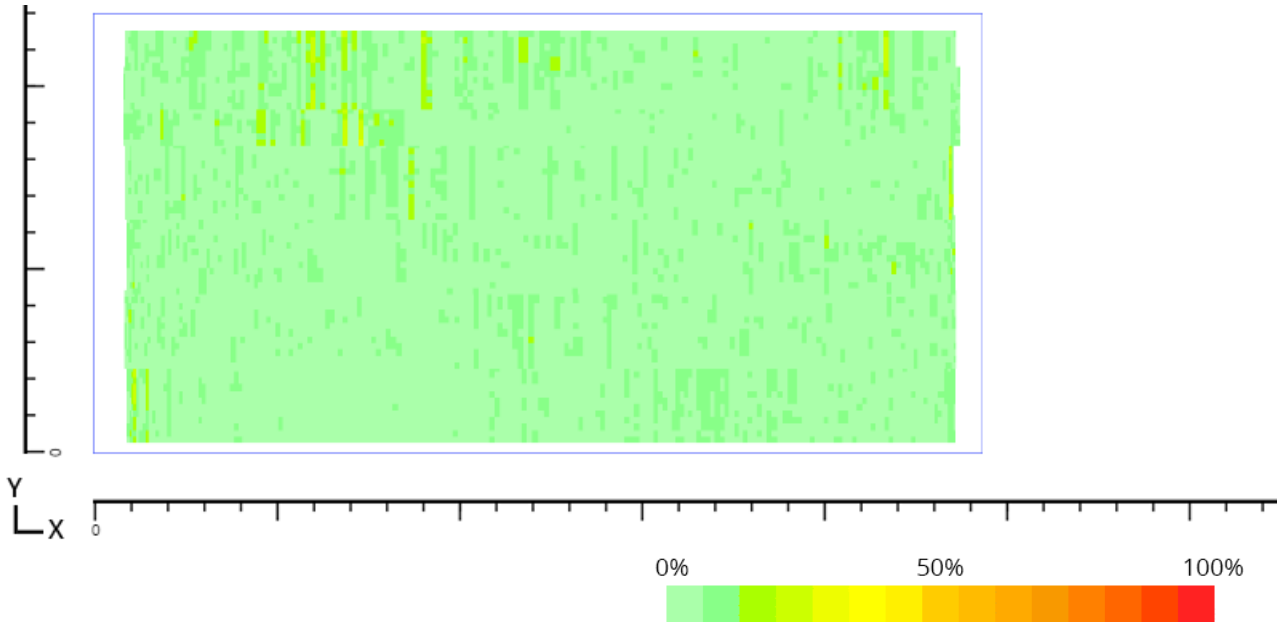
**Length (X):** 359.99cm

**Width (Y):** 178cm

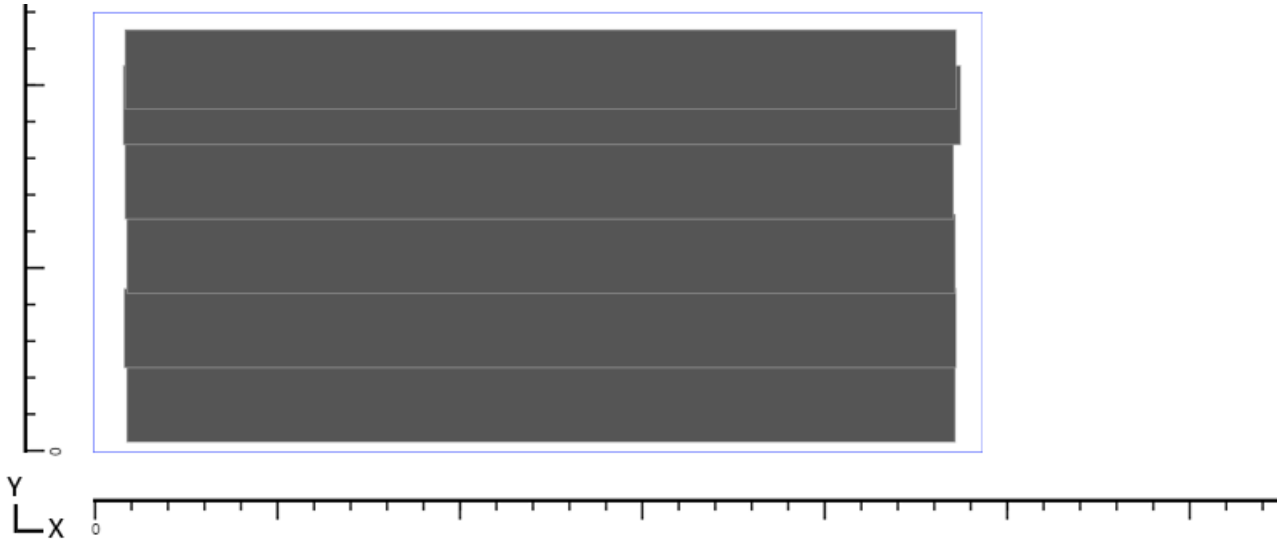
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 73

**Max Signal:** 26.7%

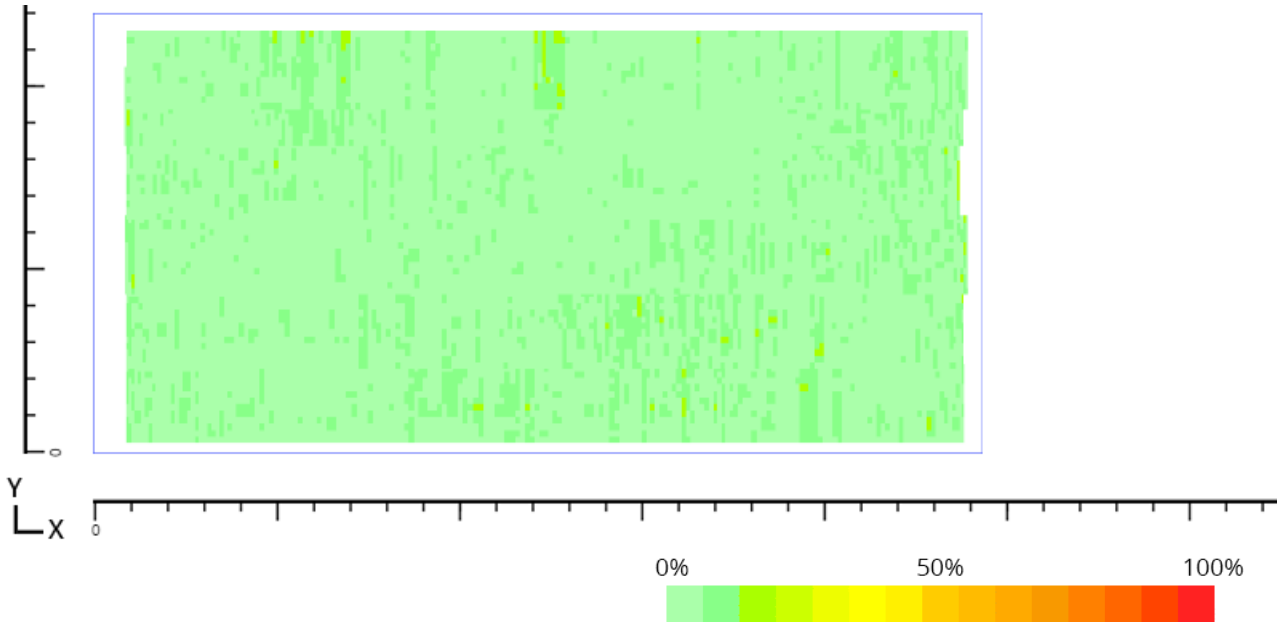
**Length (X):** 359.99cm

**Width (Y):** 178cm

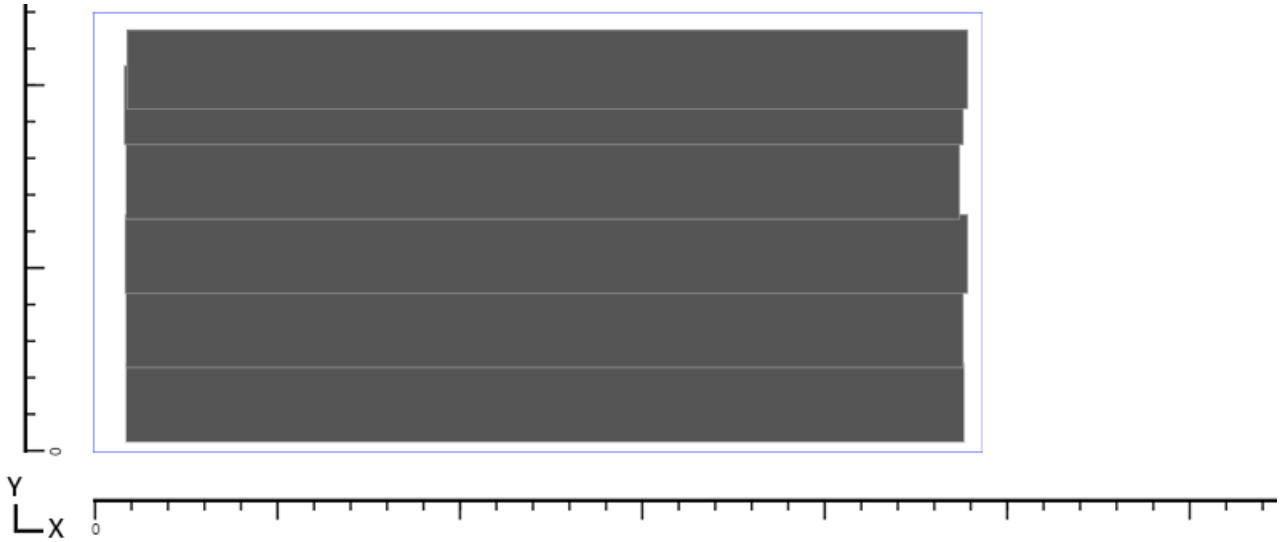
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 74

**Max Signal:** 40%

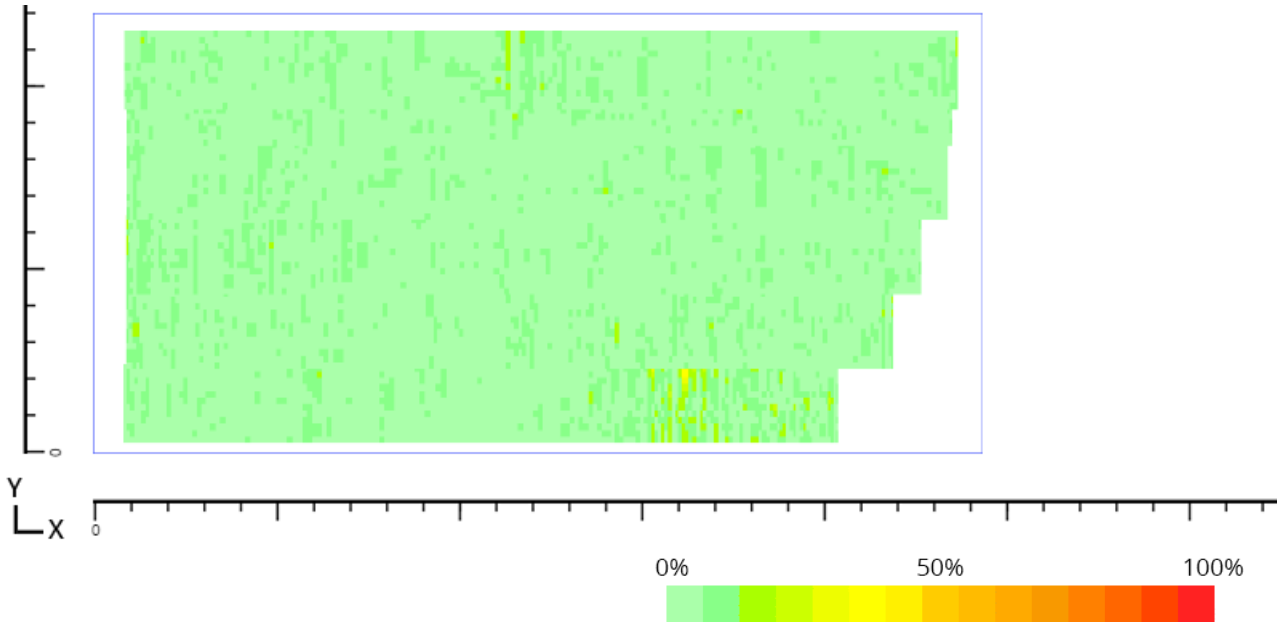
**Length (X):** 359.99cm

**Width (Y):** 178cm

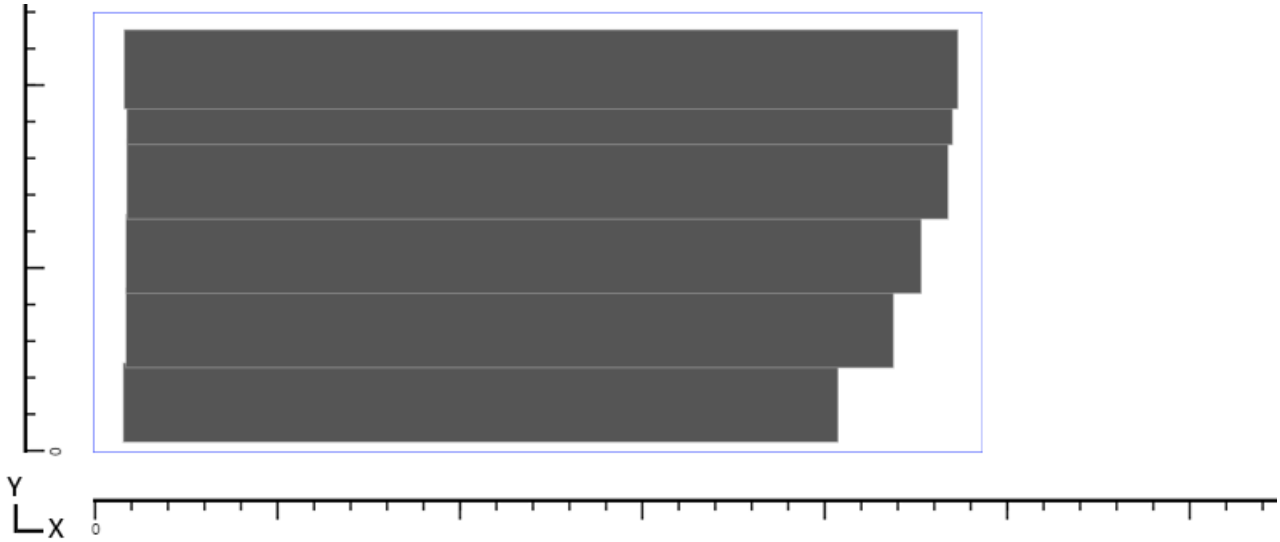
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

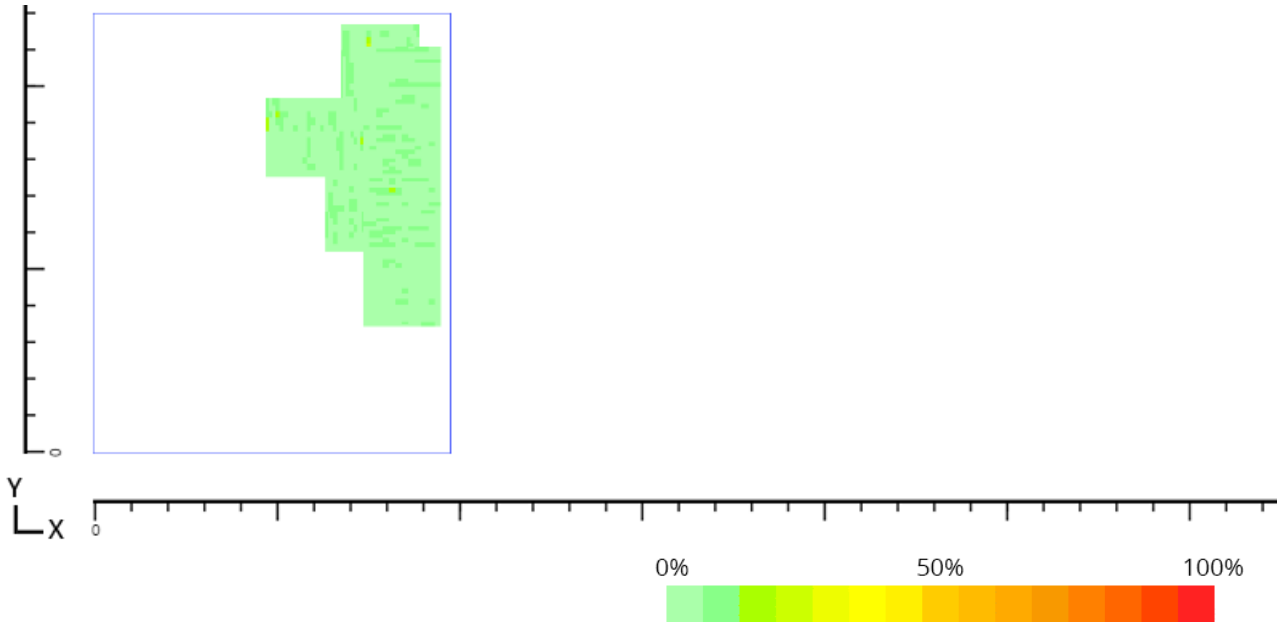


## Plate Number 76

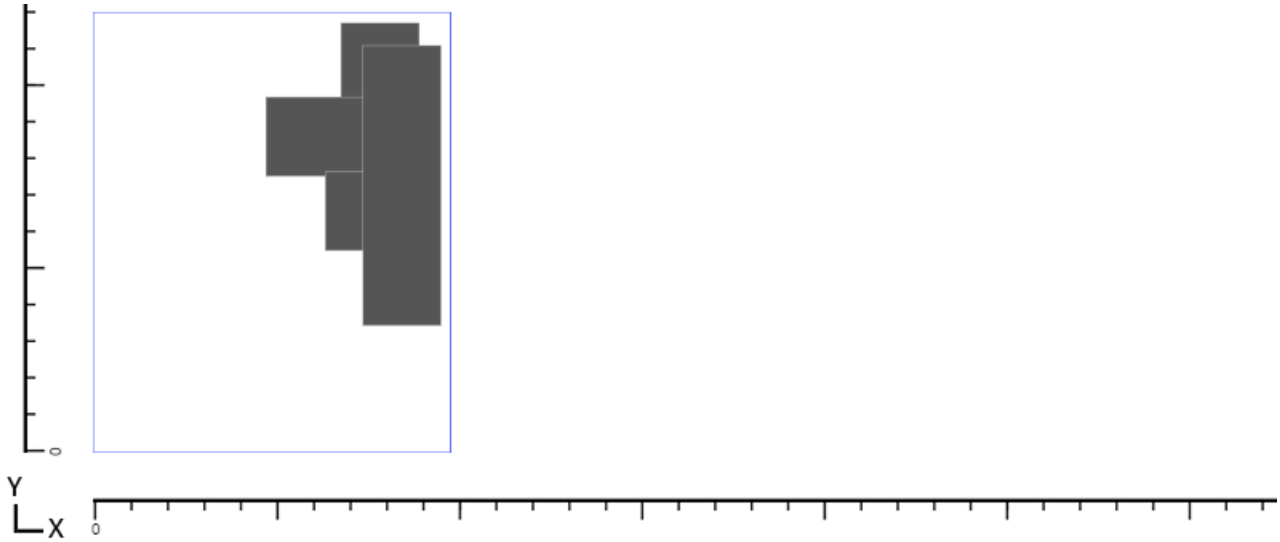
**Max Signal:** 26.7% **Length (X):** 145.01cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 77

**Max Signal:** 93.3%

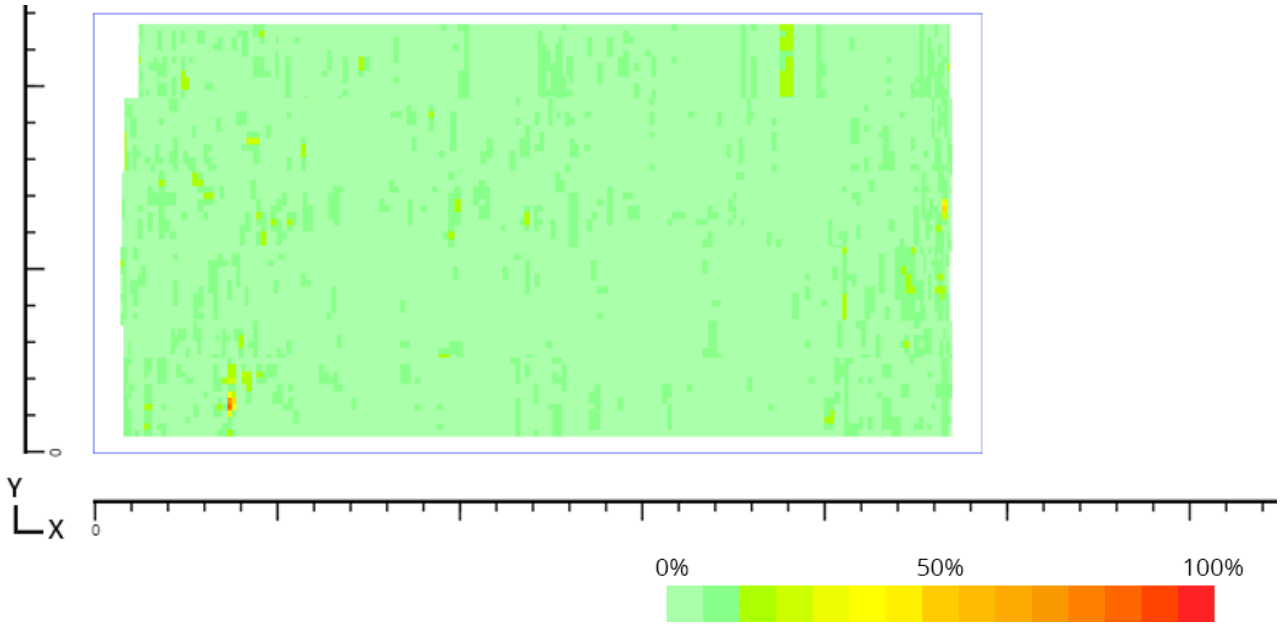
**Length (X):** 359.99cm

**Width (Y):** 178cm

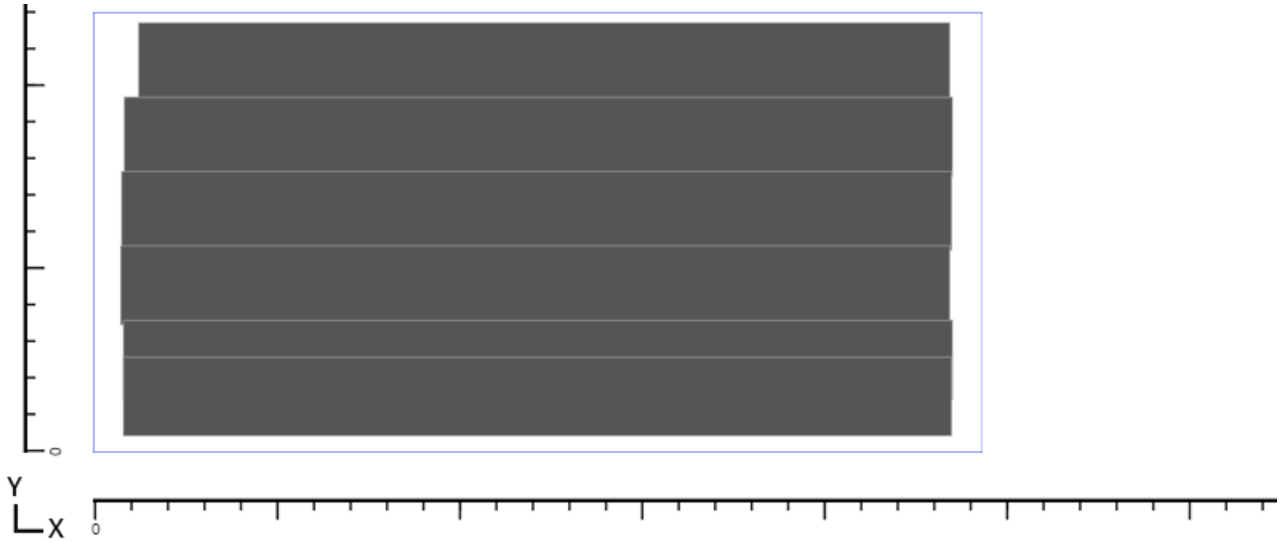
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 78

**Max Signal:** 33.3%

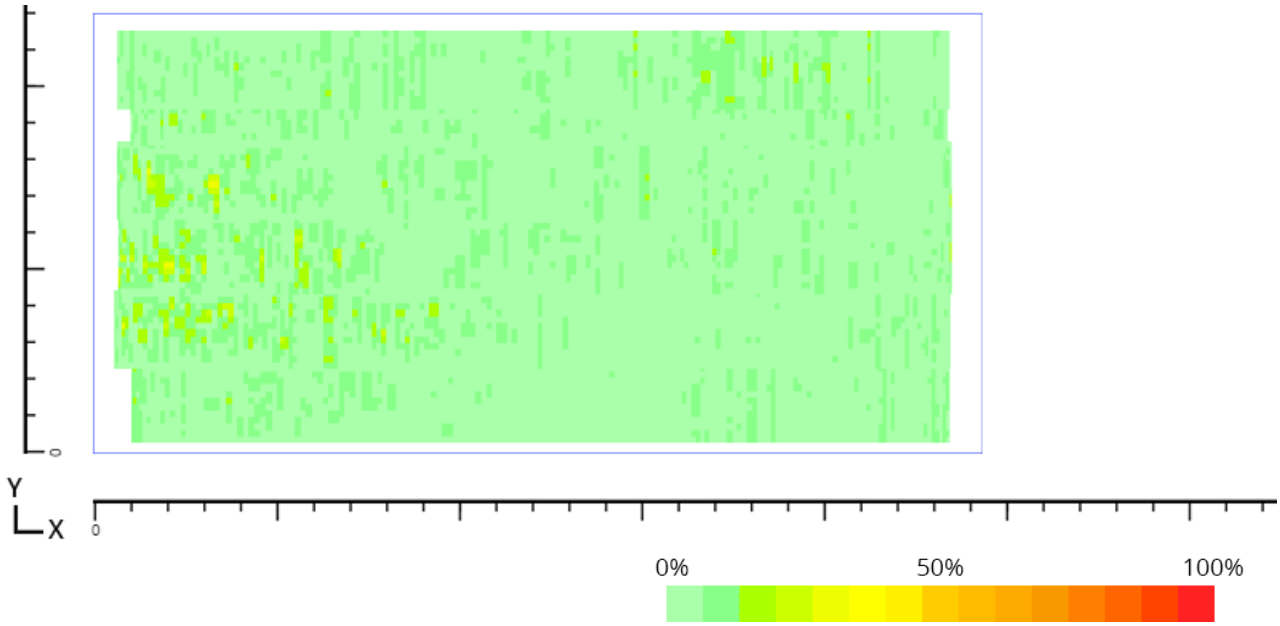
**Length (X):** 359.99cm

**Width (Y):** 178cm

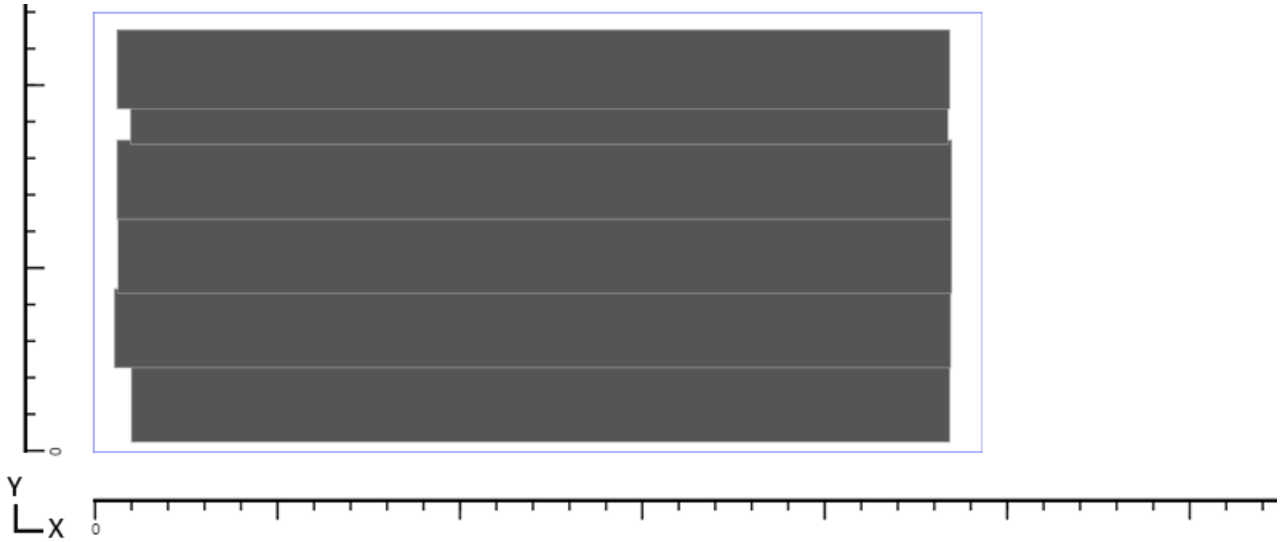
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 79

**Max Signal:** 46.7%

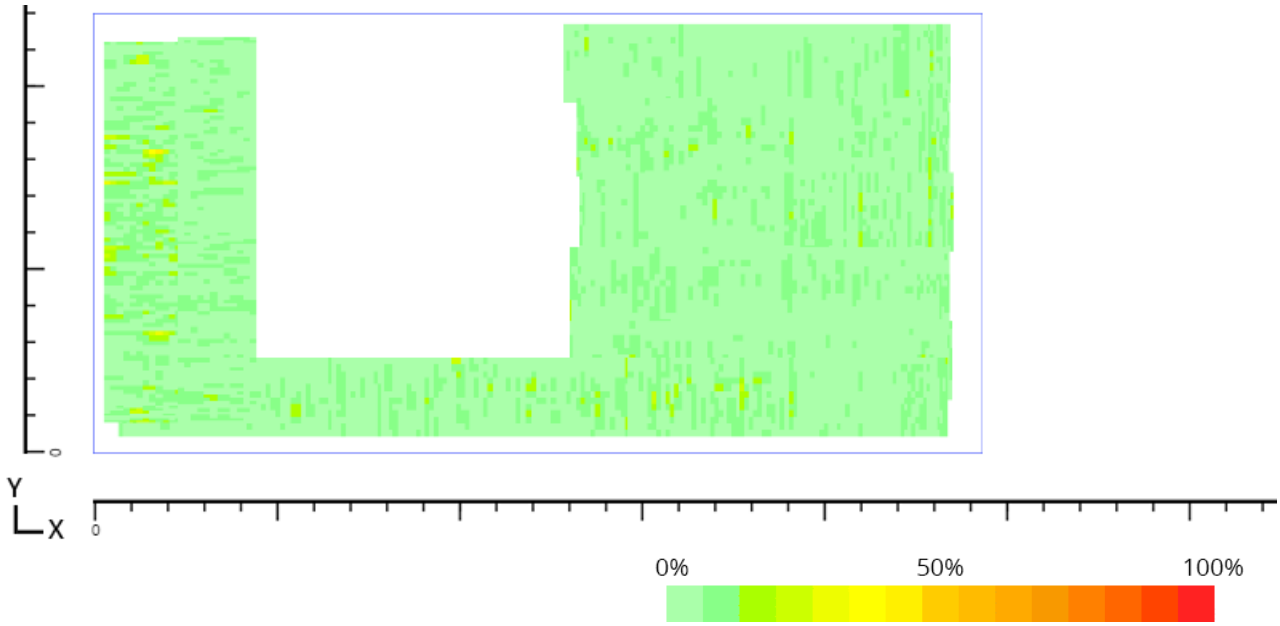
**Length (X):** 359.99cm

**Width (Y):** 178cm

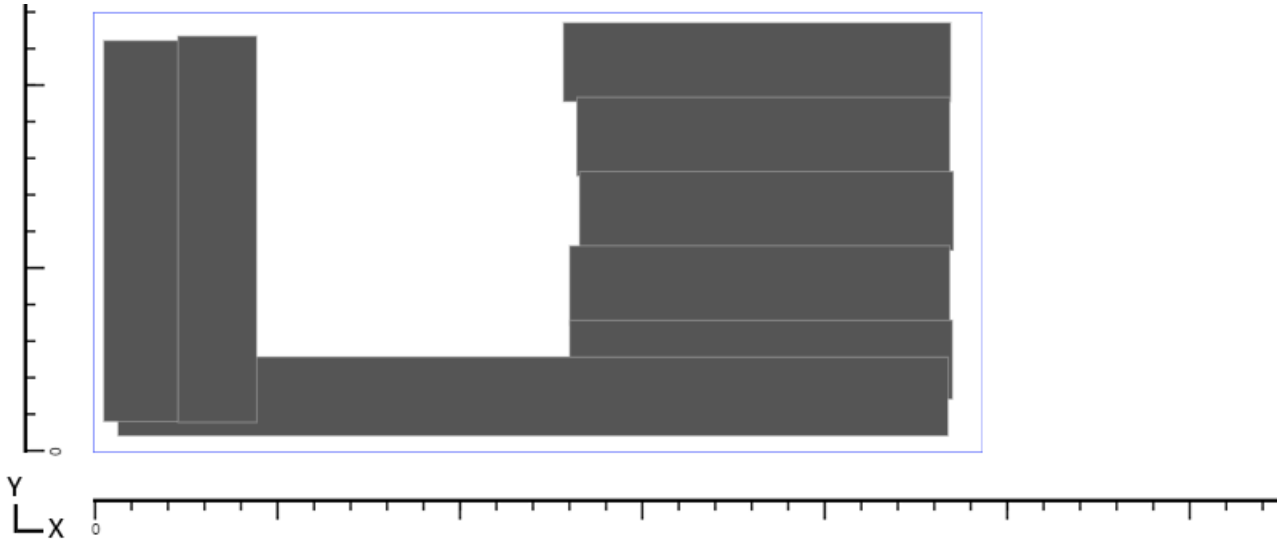
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 80

**Max Signal:** 26.7%

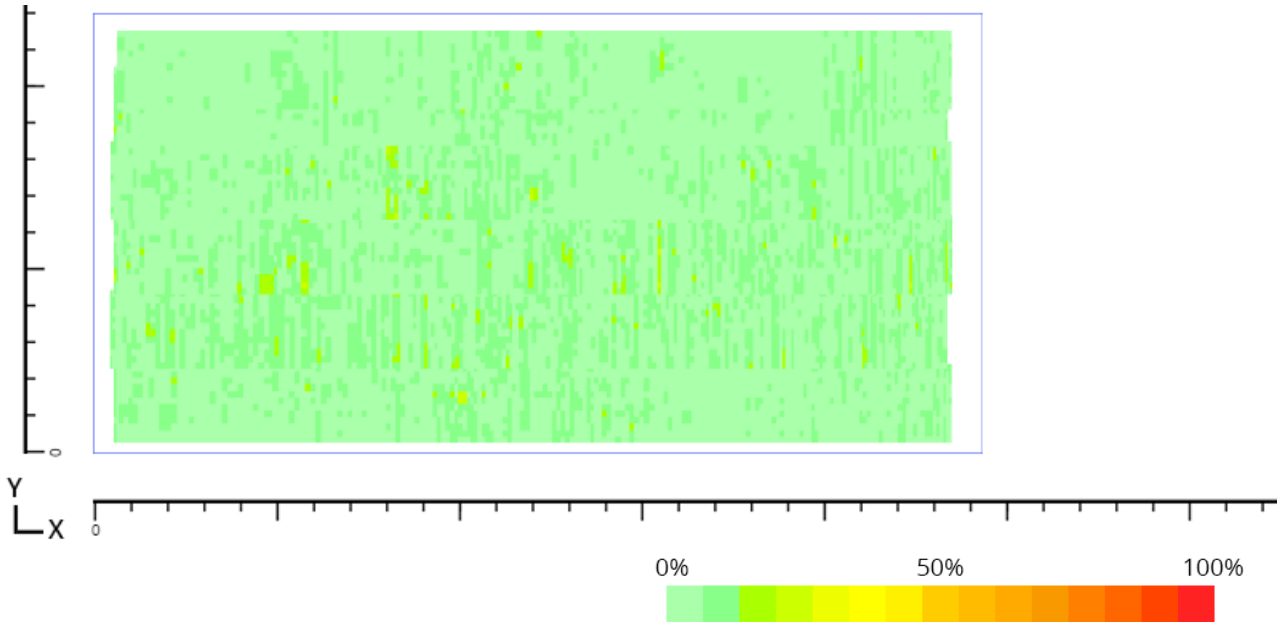
**Length (X):** 359.99cm

**Width (Y):** 178cm

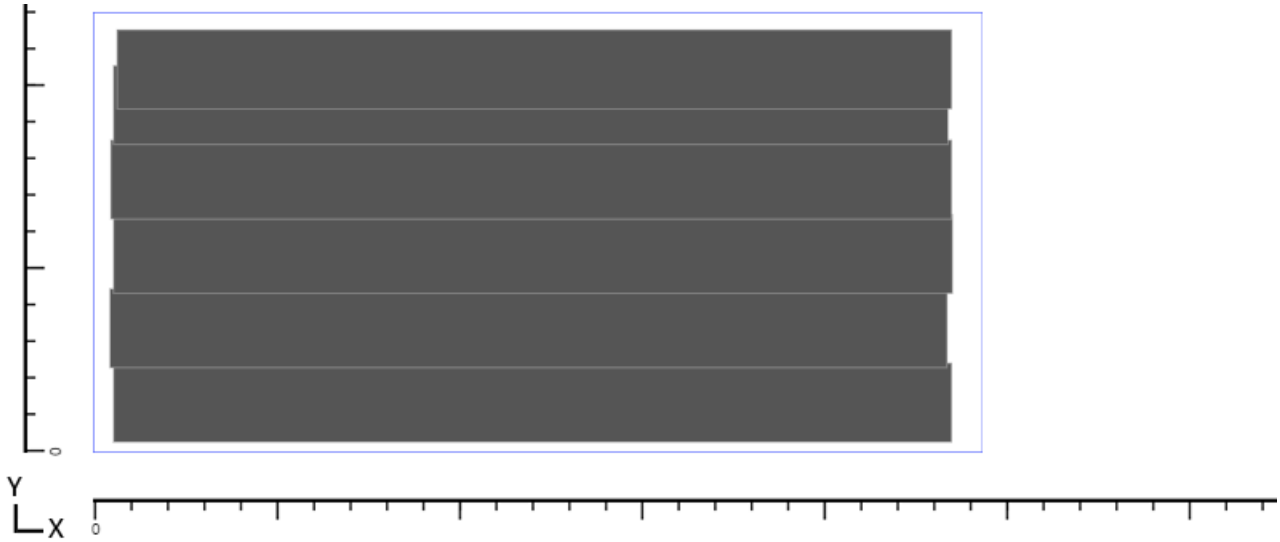
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 81

**Max Signal:** 33.3%

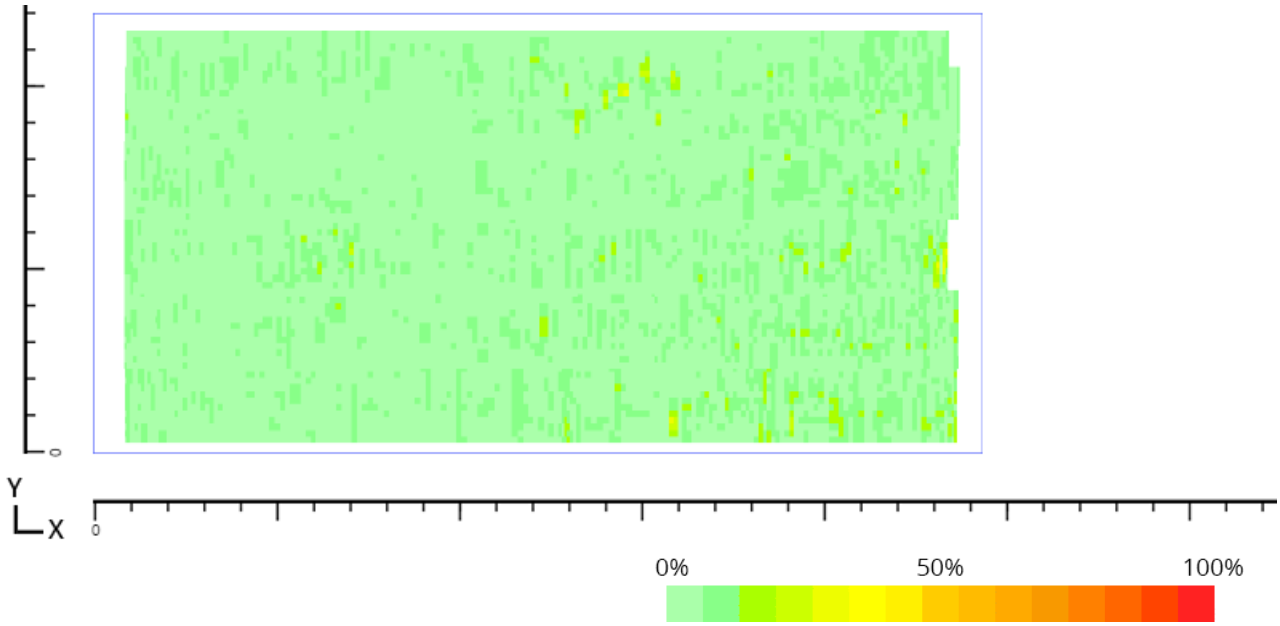
**Length (X):** 359.99cm

**Width (Y):** 178cm

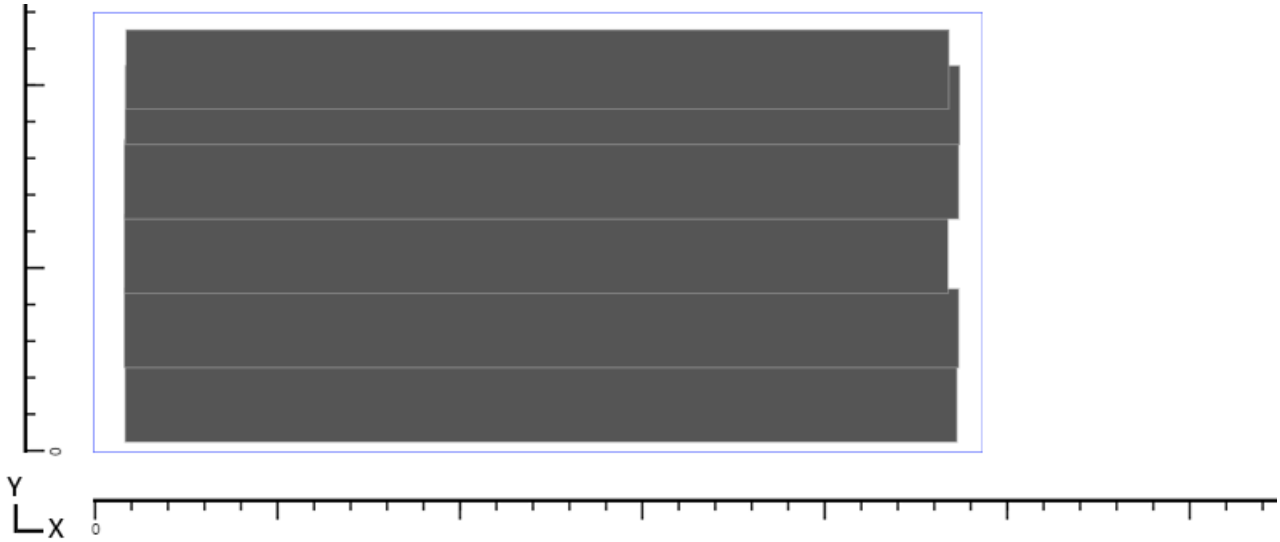
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

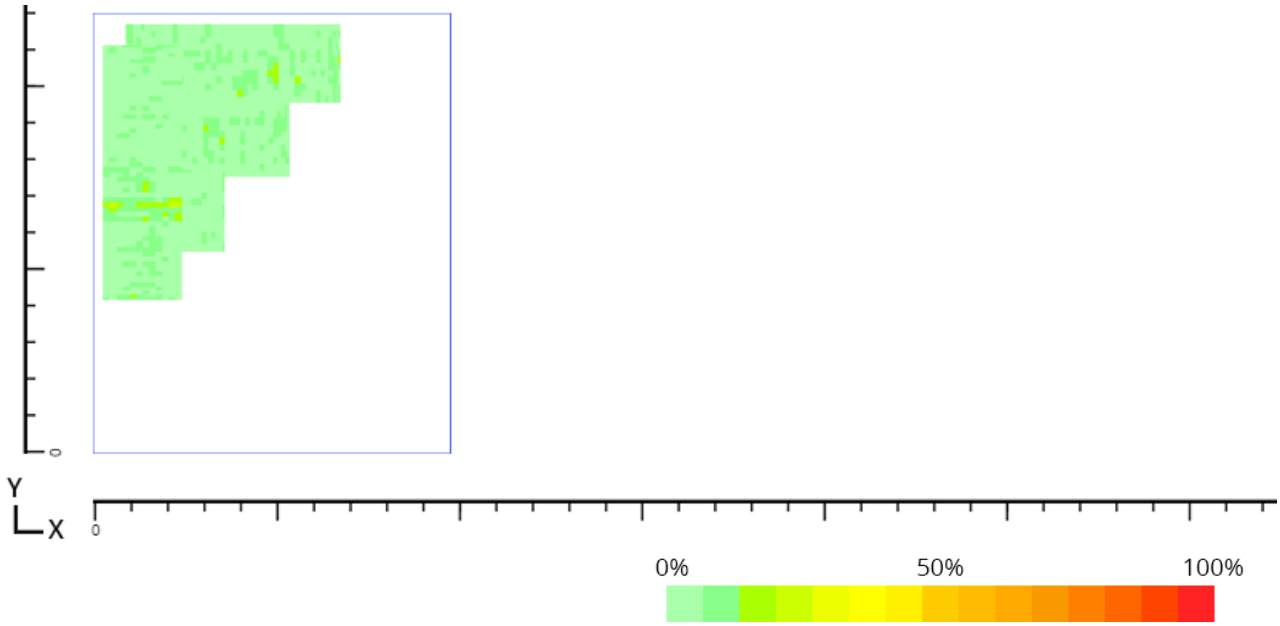


## Plate Number 82

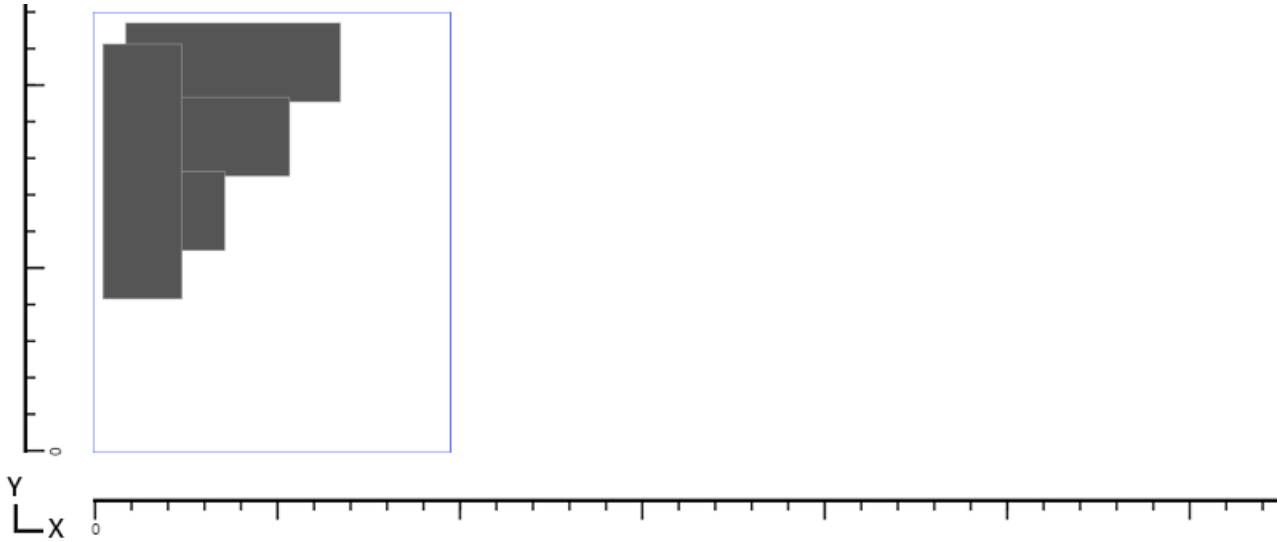
**Max Signal:** 26.7% **Length (X):** 145.01cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 83

**Max Signal:** 20%

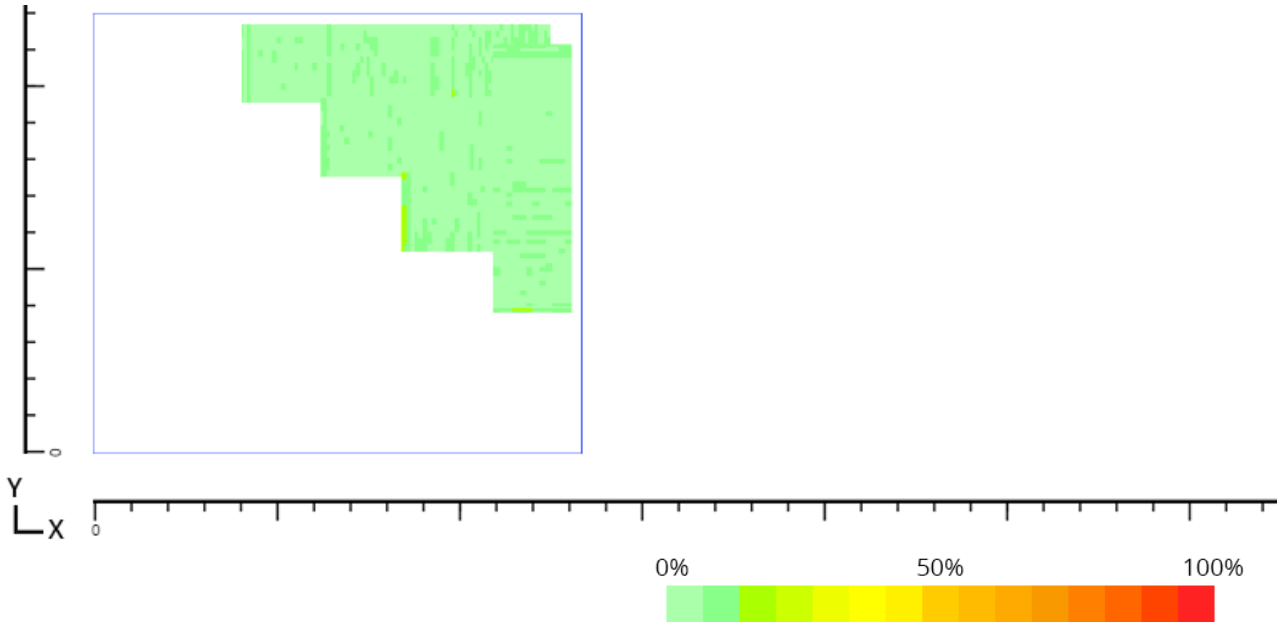
**Length (X):** 197.99cm

**Width (Y):** 178cm

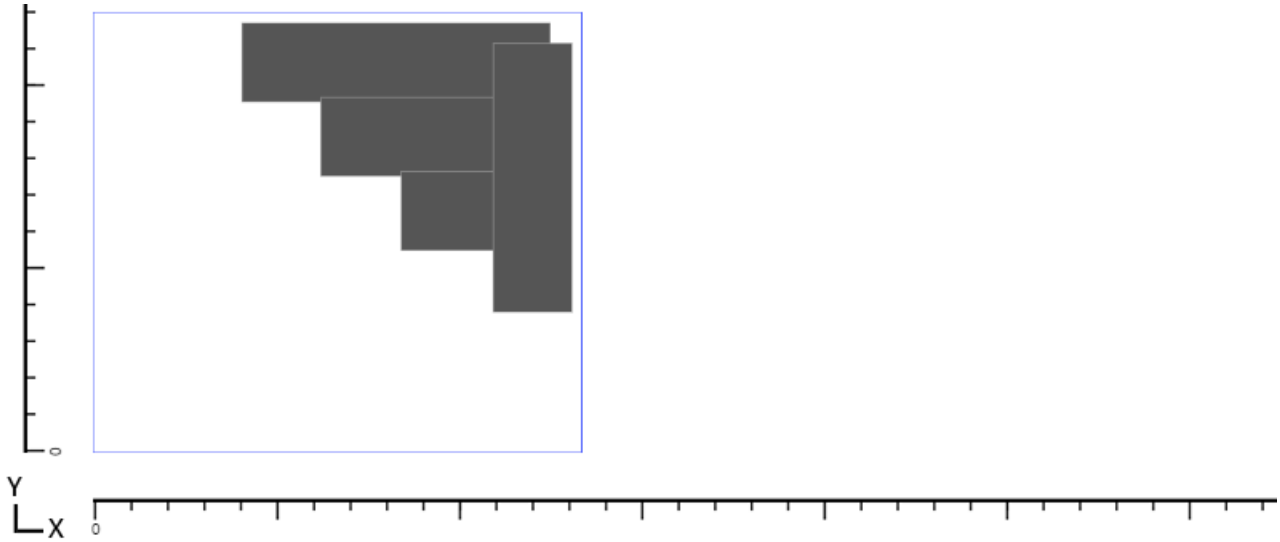
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 84

**Max Signal:** 40%

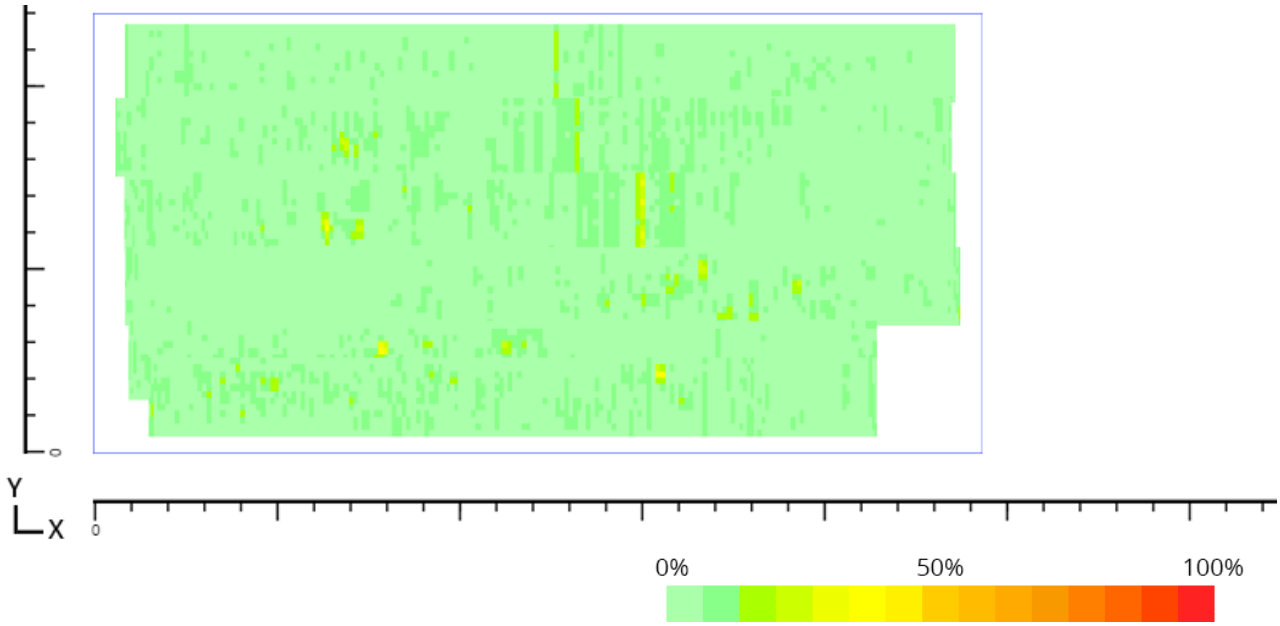
**Length (X):** 359.99cm

**Width (Y):** 178cm

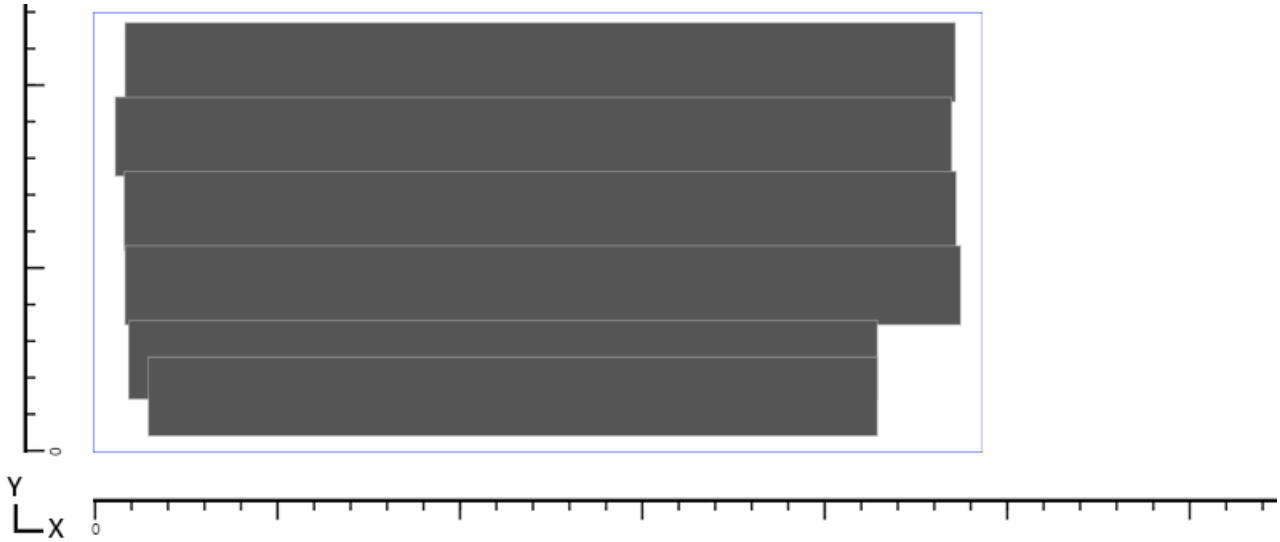
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 85

**Max Signal:** 20%

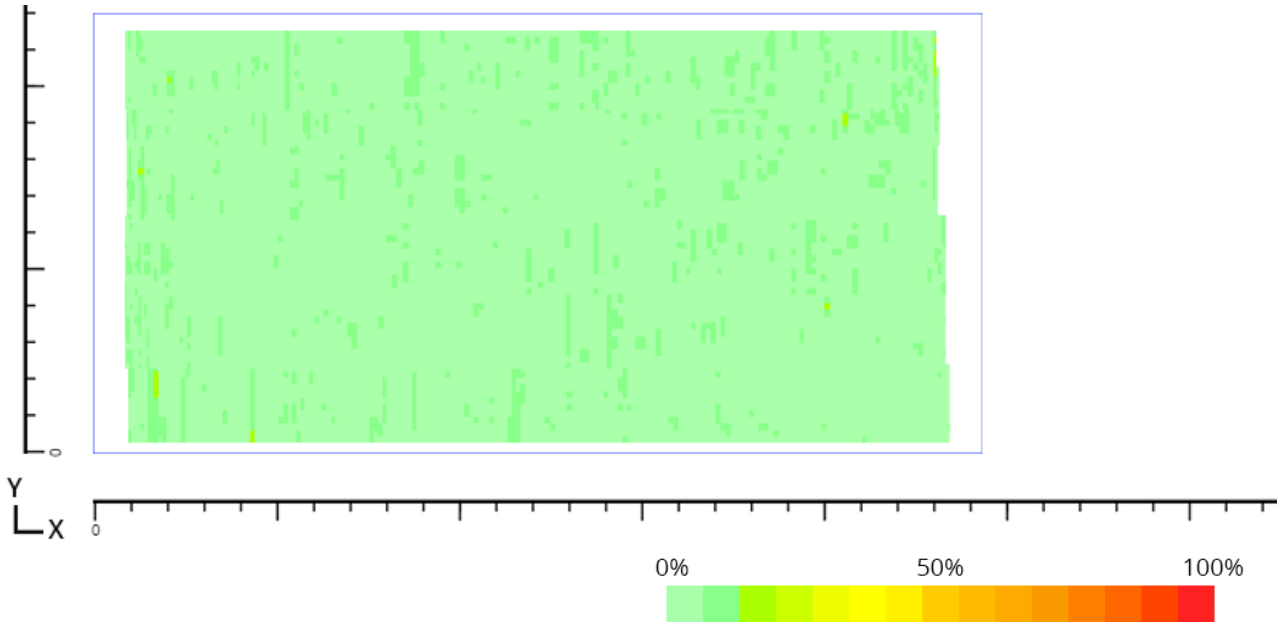
**Length (X):** 359.99cm

**Width (Y):** 178cm

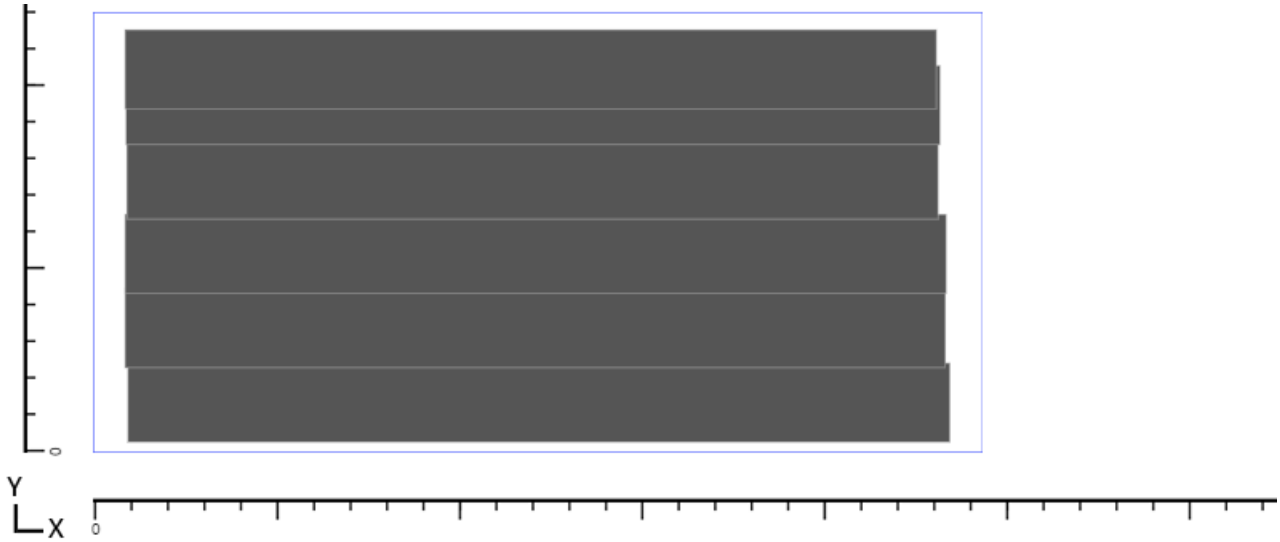
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 86

**Max Signal:** 26.7%

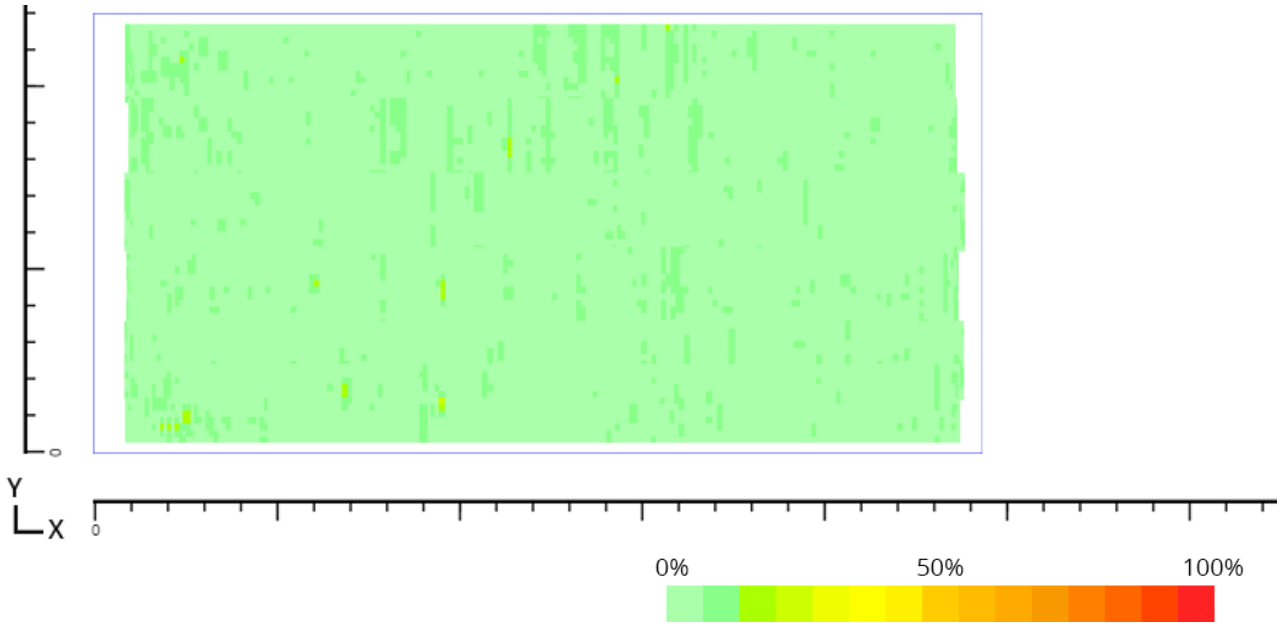
**Length (X):** 359.99cm

**Width (Y):** 178cm

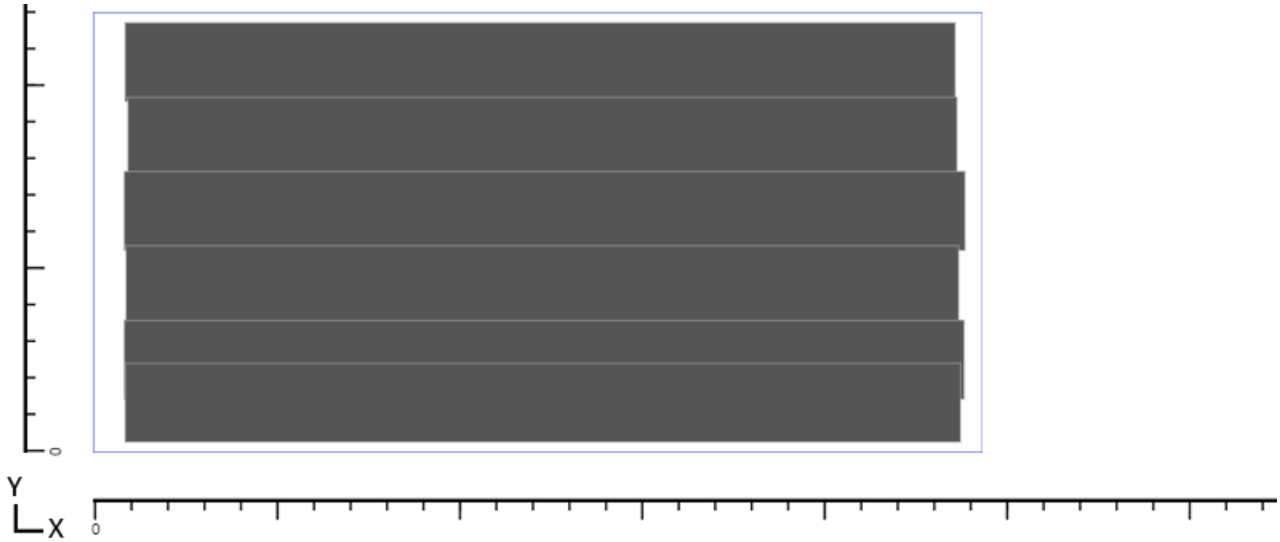
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



## Plate Number 87

**Max Signal:** 20%

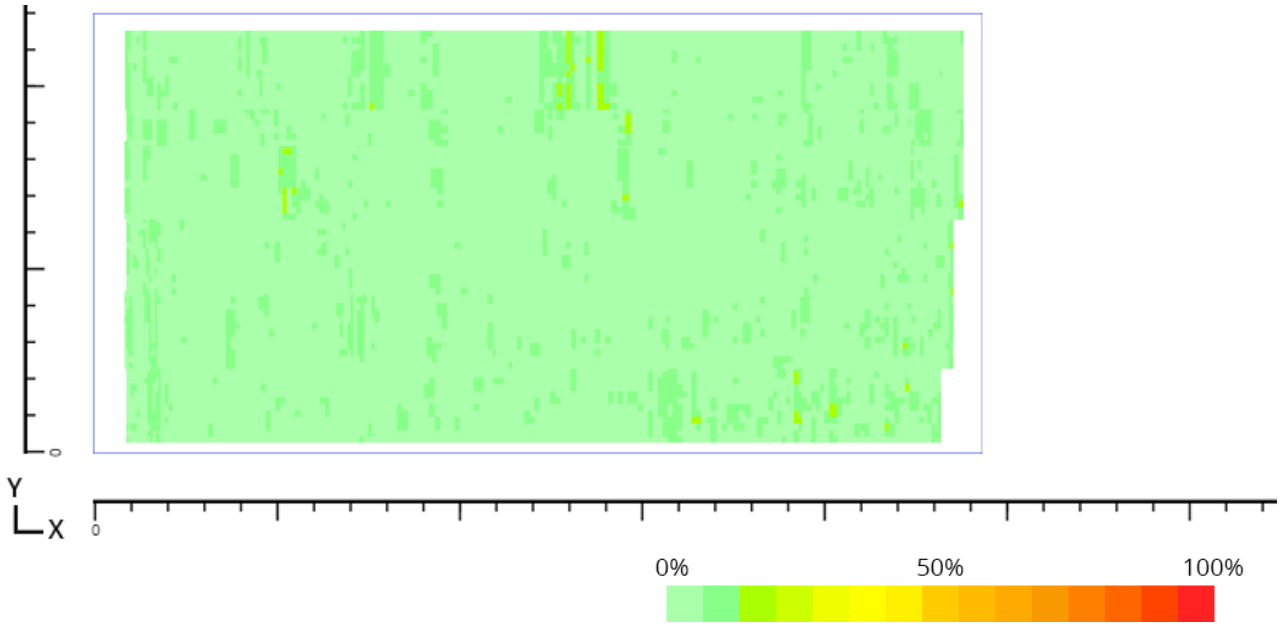
**Length (X):** 359.99cm

**Width (Y):** 178cm

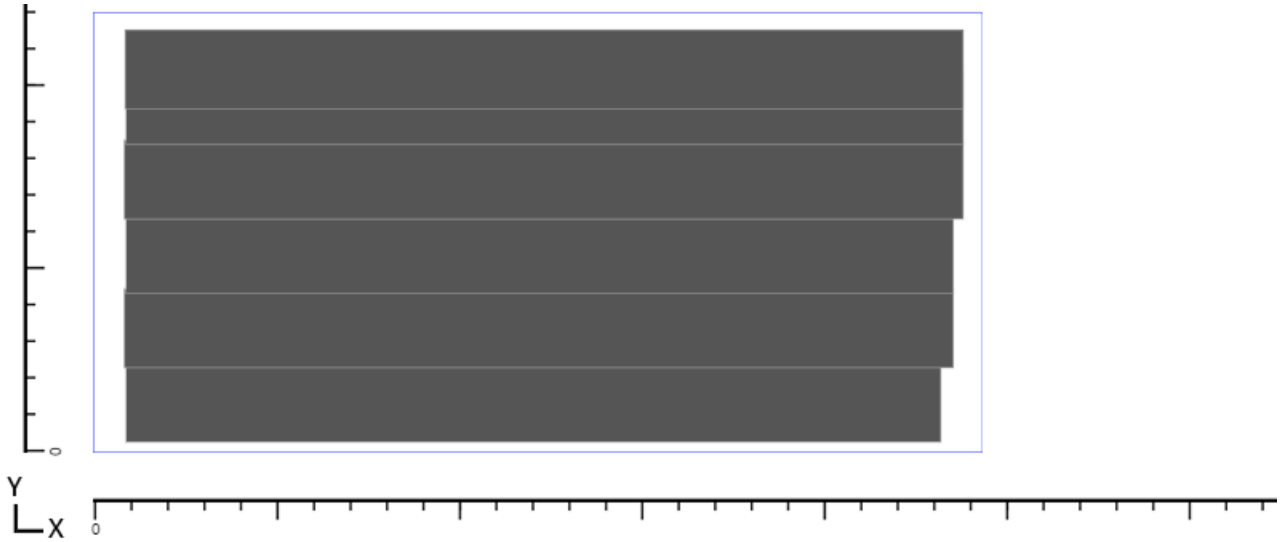
**Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

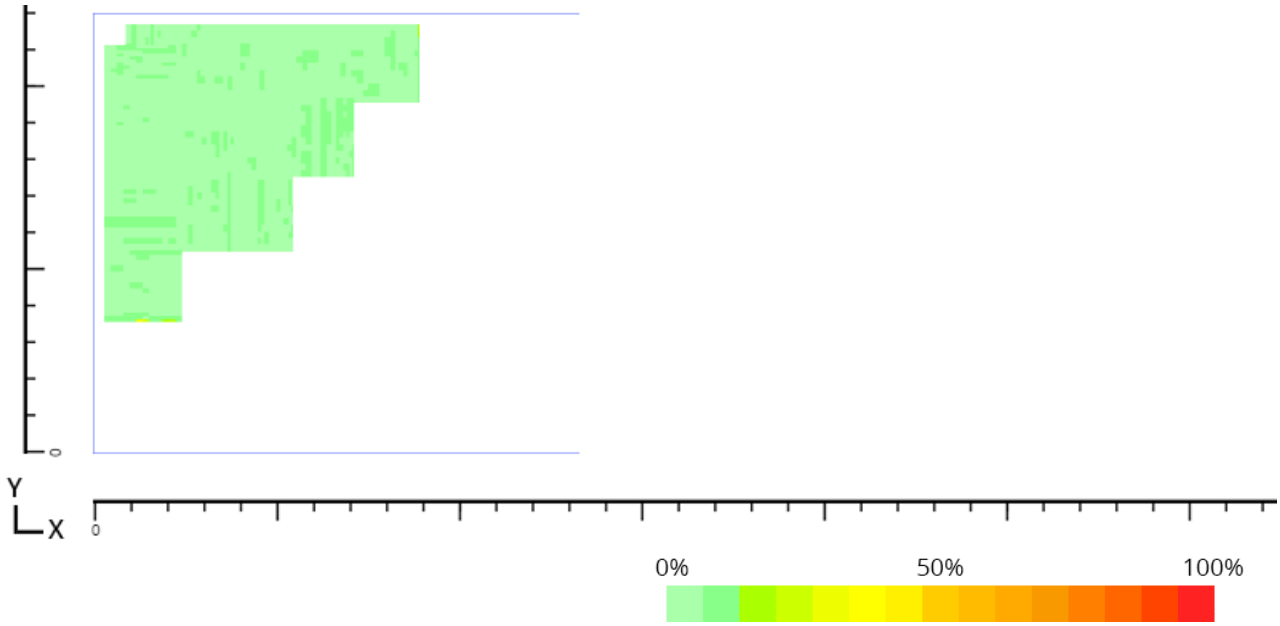


## Plate Number 88

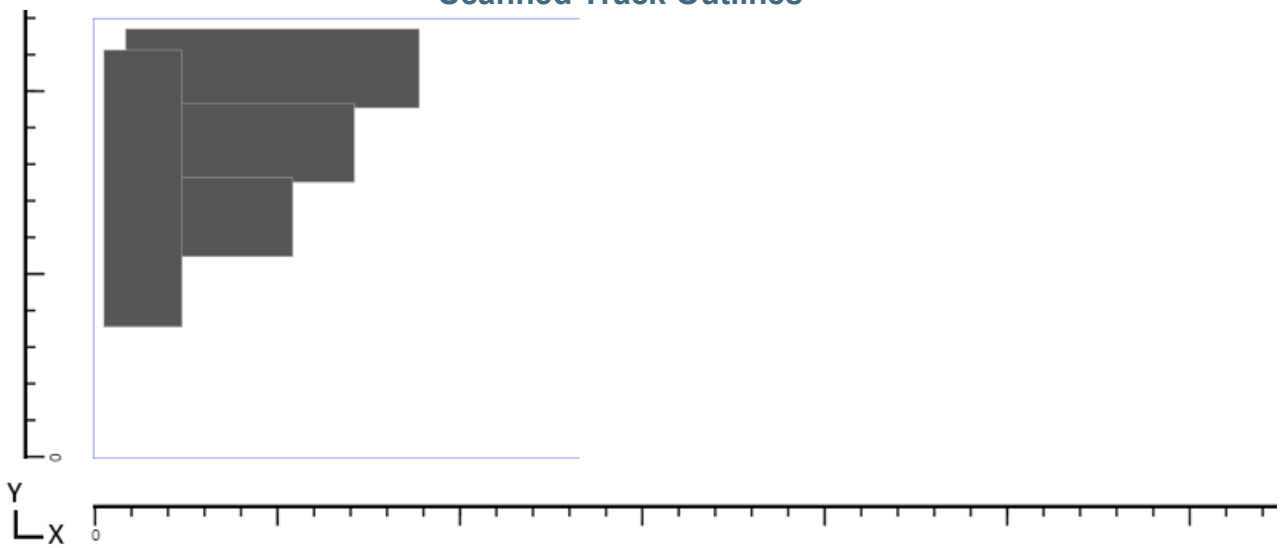
**Max Signal:** 33.3% **Length (X):** 197cm **Width (Y):** 178cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

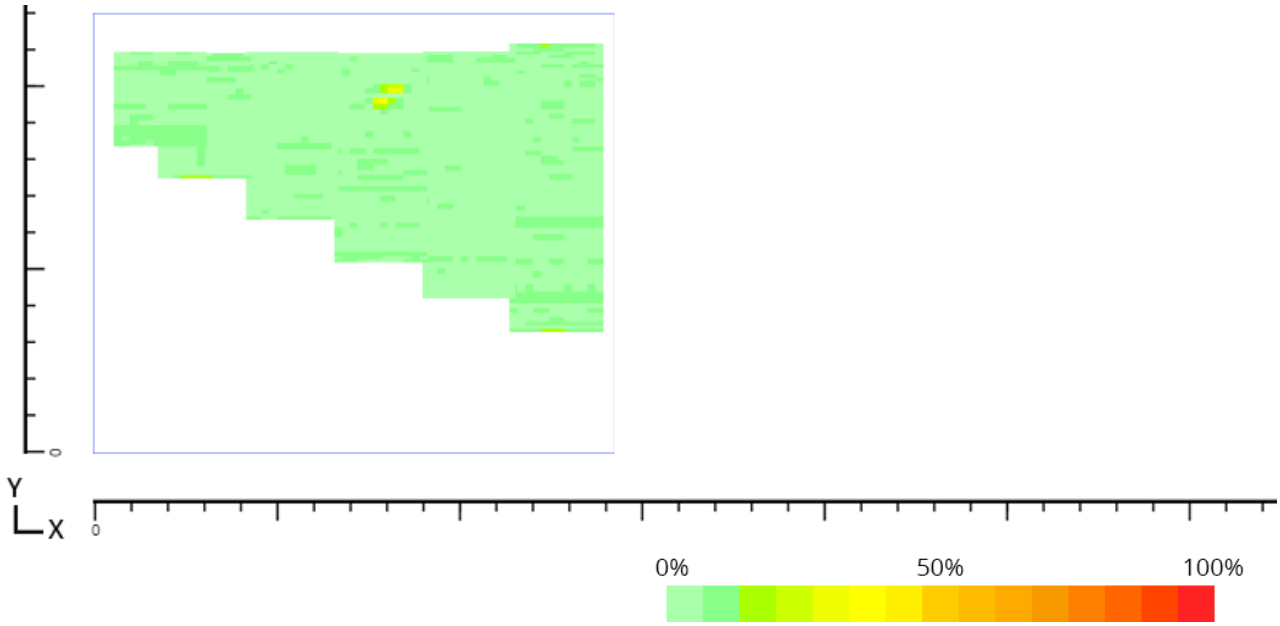


## Plate Number 90

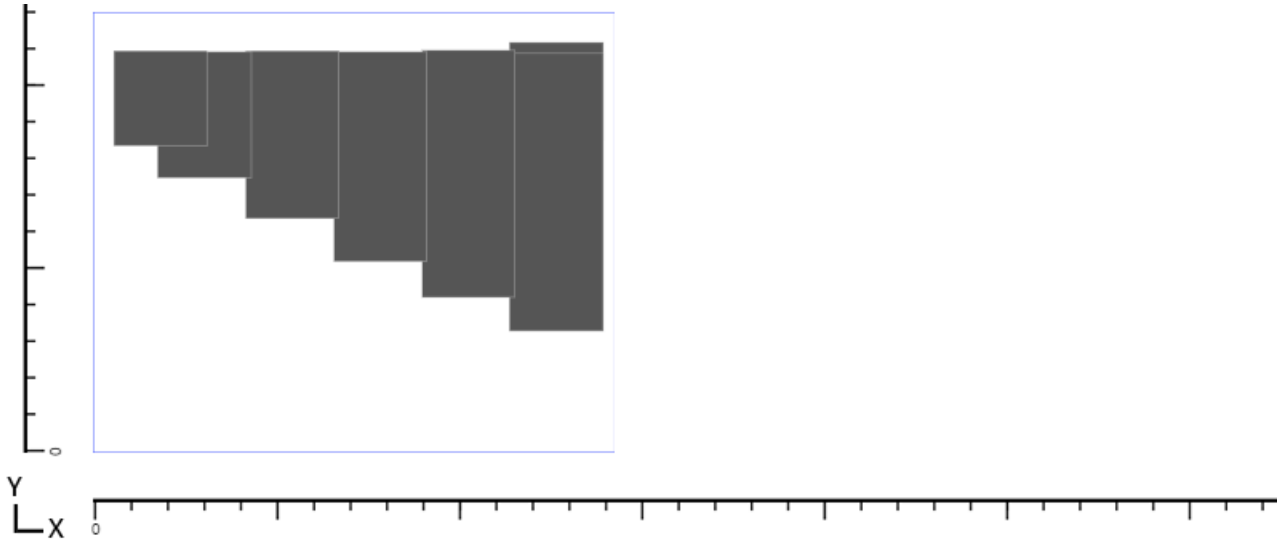
**Max Signal:** 40% **Length (X):** 178cm **Width (Y):** 150.01cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

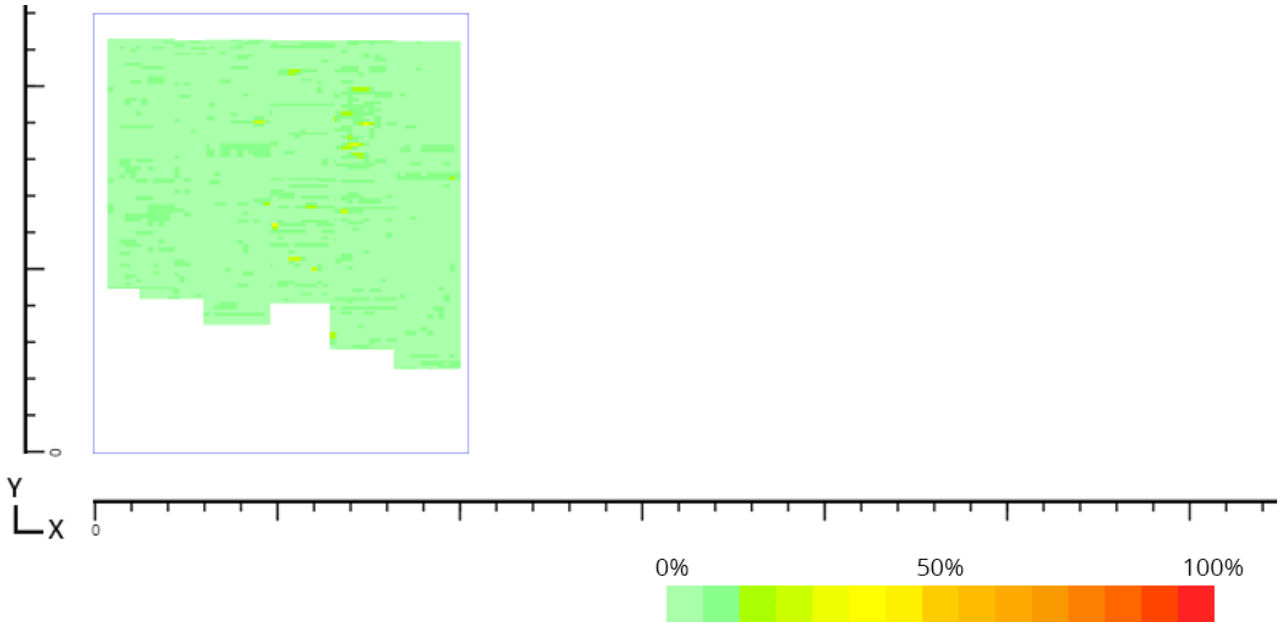


## Plate Number 91

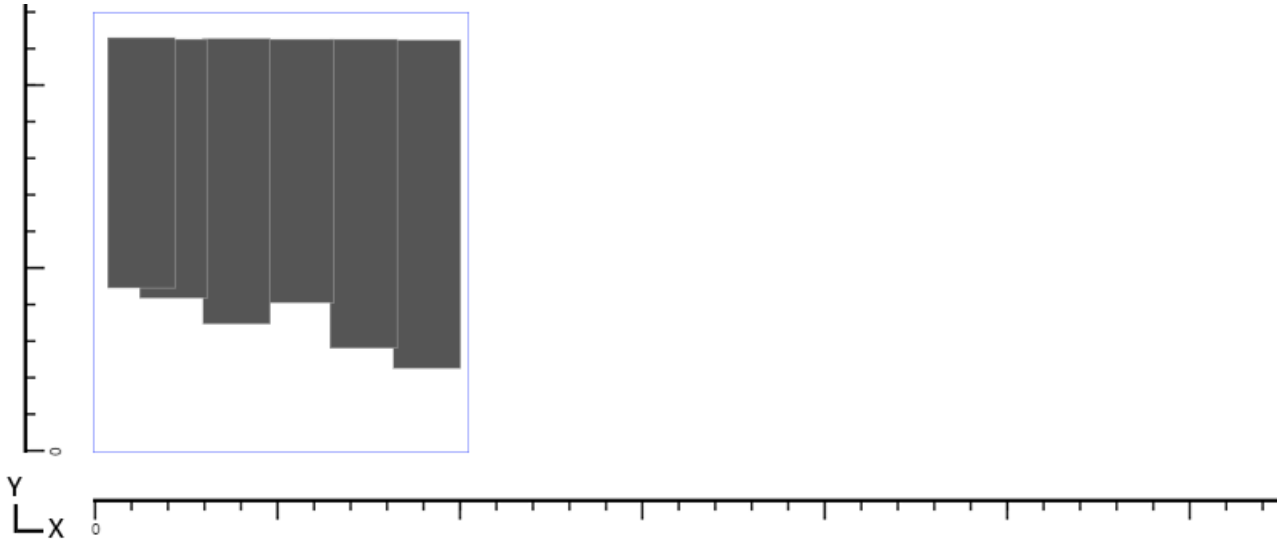
**Max Signal:** 40% **Length (X):** 178cm **Width (Y):** 208cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

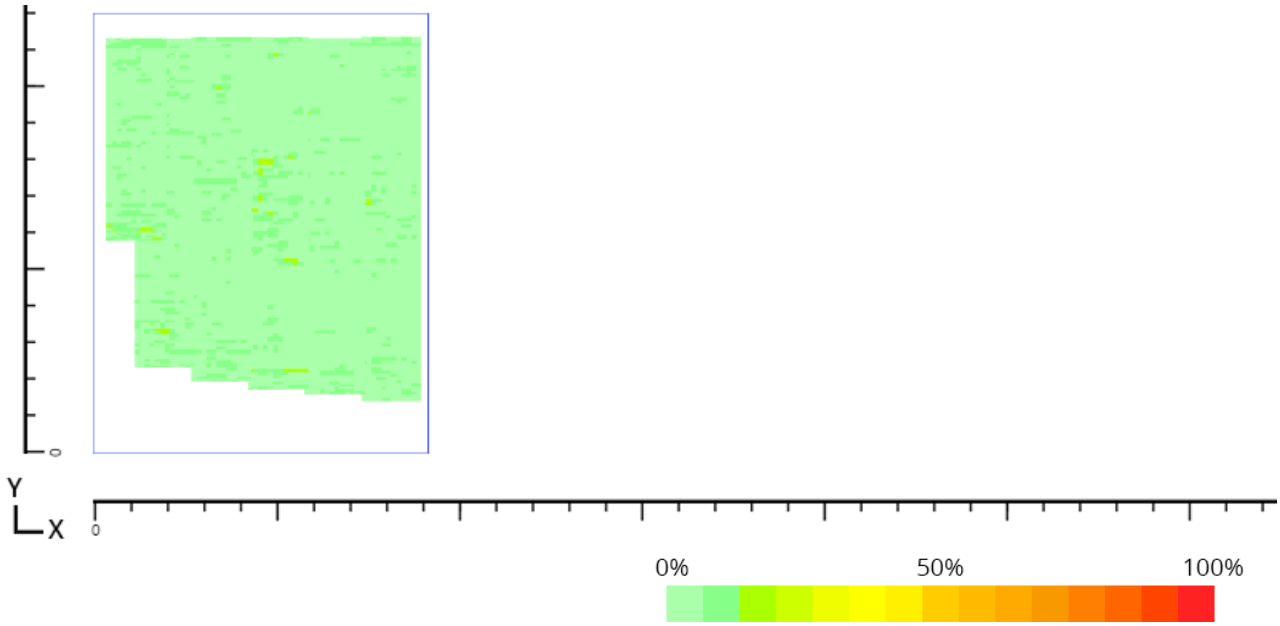


## Plate Number 92

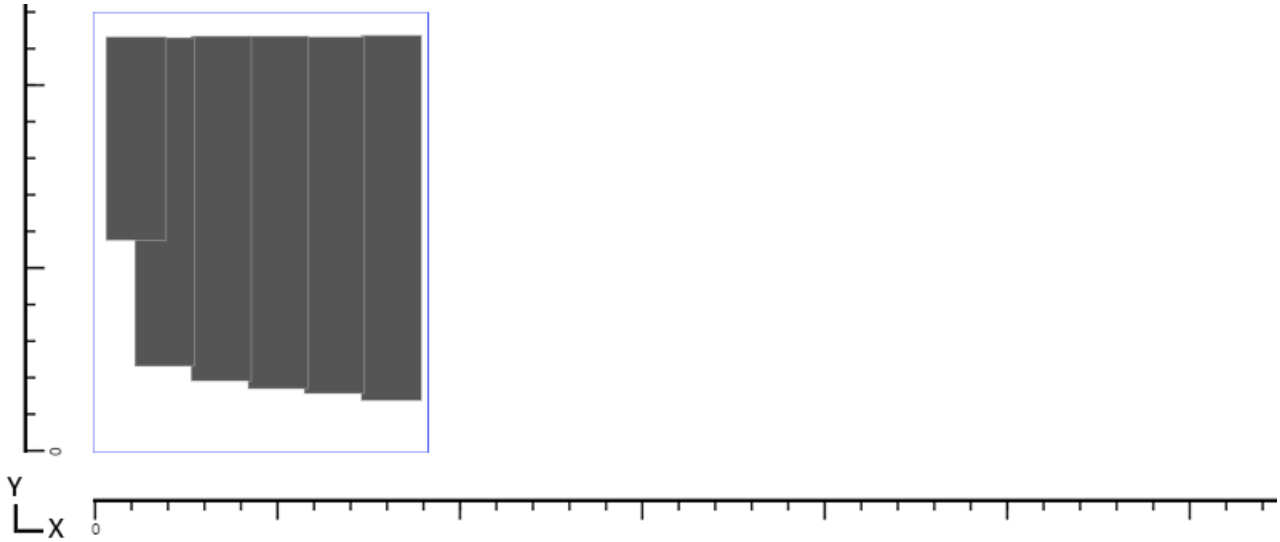
**Max Signal:** 26.7% **Length (X):** 178cm **Width (Y):** 232.99cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

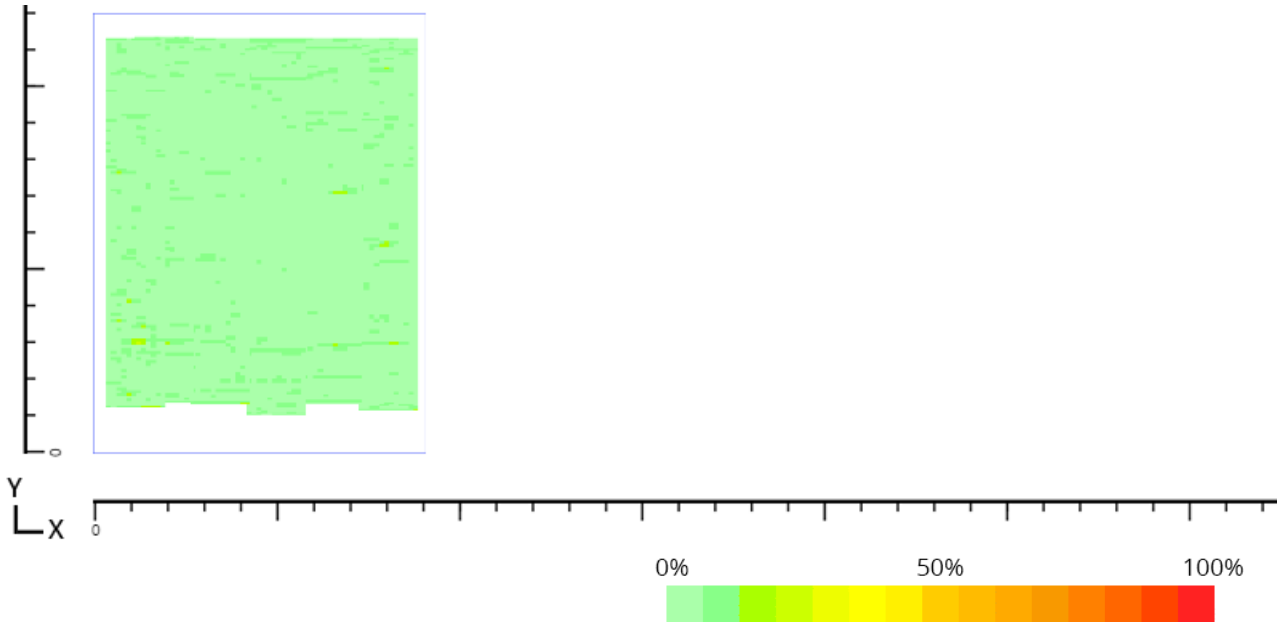


## Plate Number 93

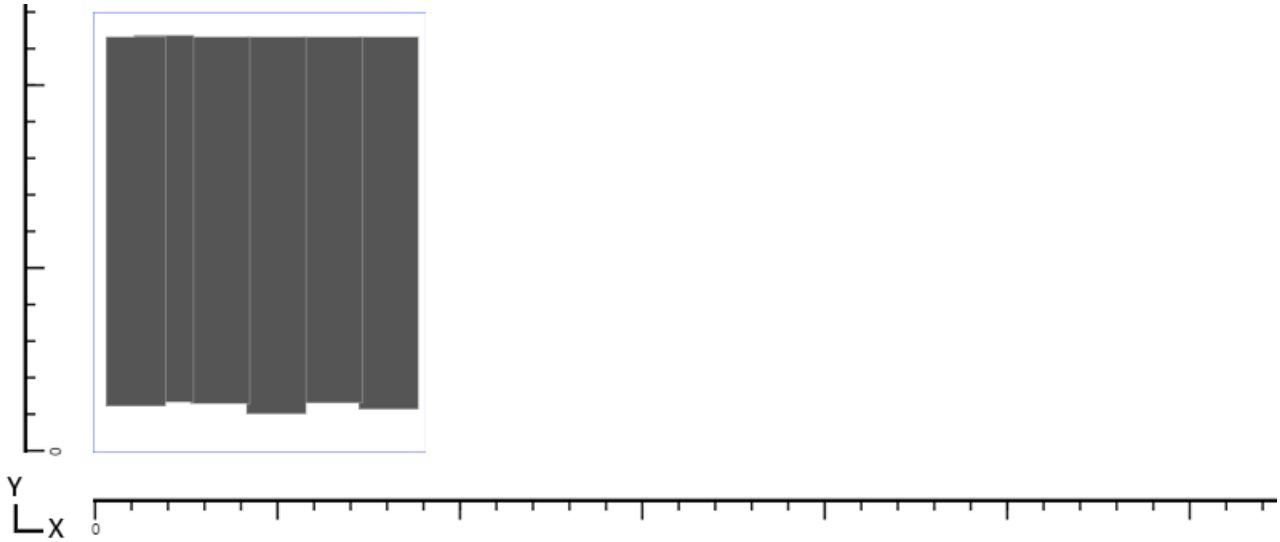
**Max Signal:** 26.7% **Length (X):** 178cm **Width (Y):** 235cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

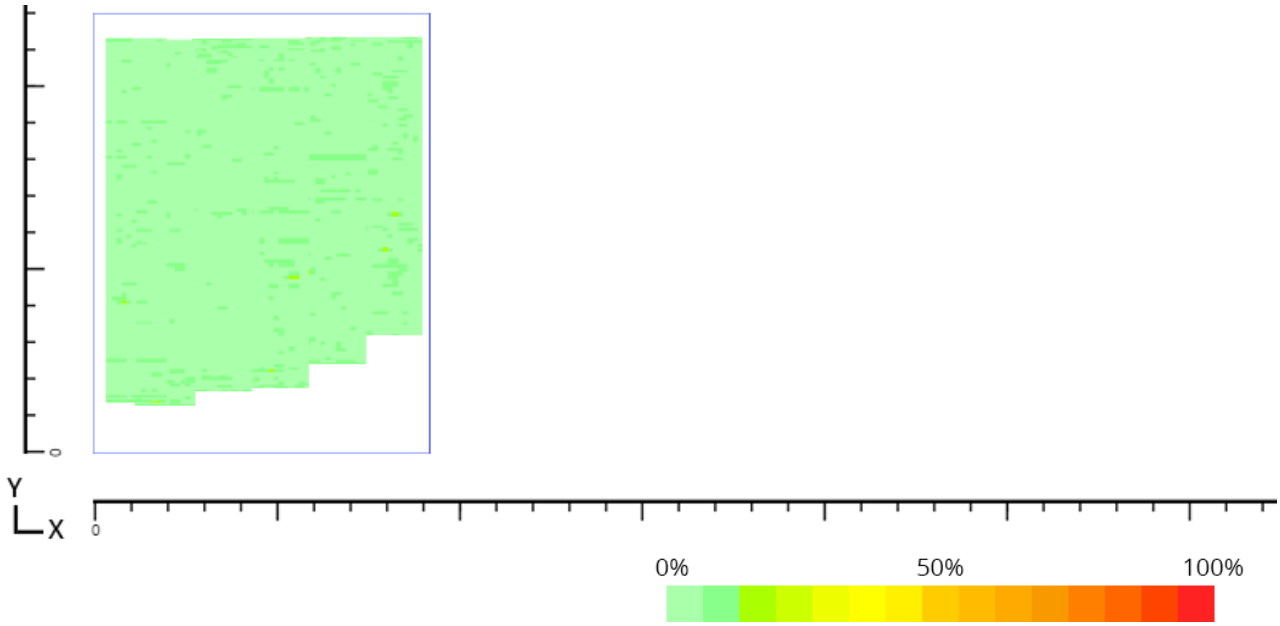


## Plate Number 94

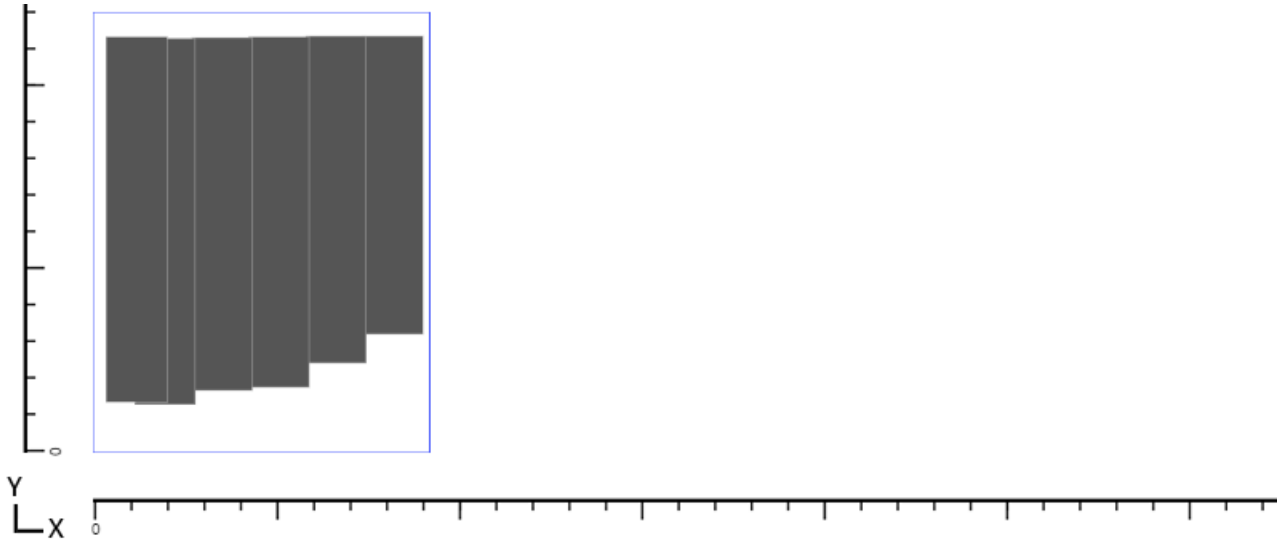
**Max Signal:** 26.7% **Length (X):** 178cm **Width (Y):** 232cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

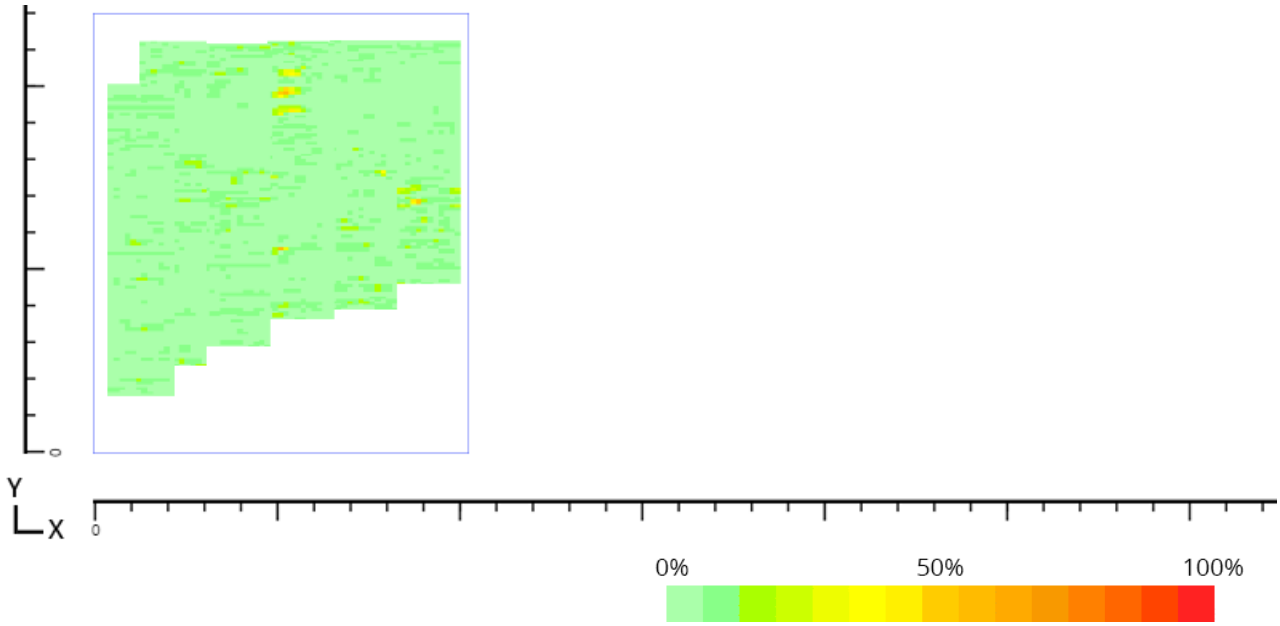


## Plate Number 95

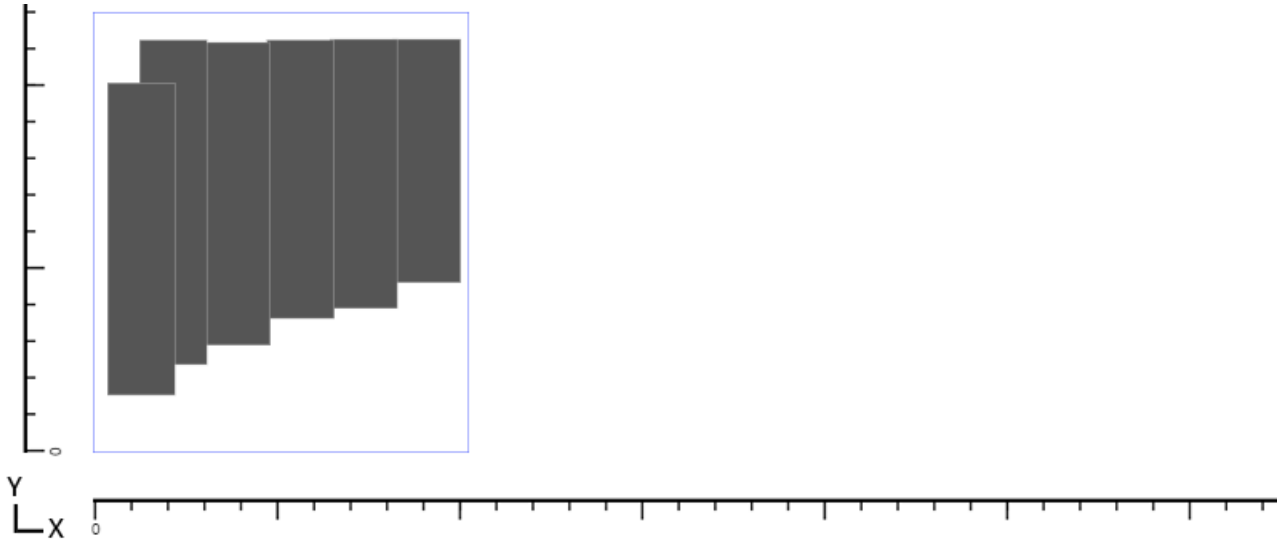
**Max Signal:** 66.7% **Length (X):** 178cm **Width (Y):** 208cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines

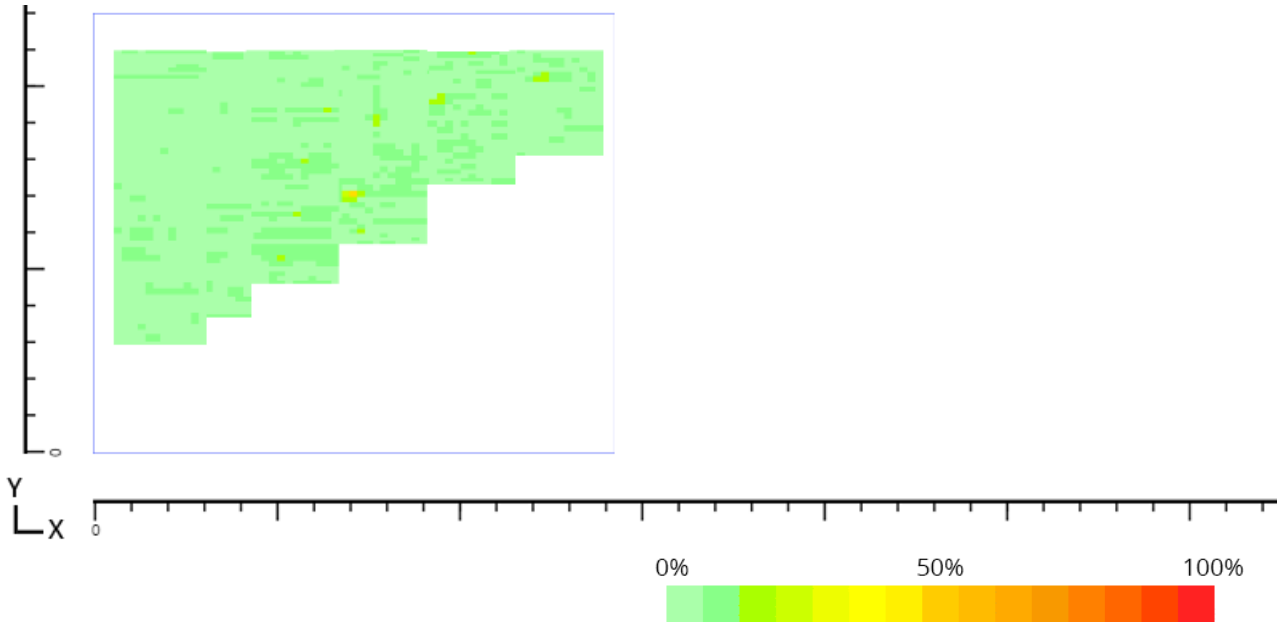


## Plate Number 96

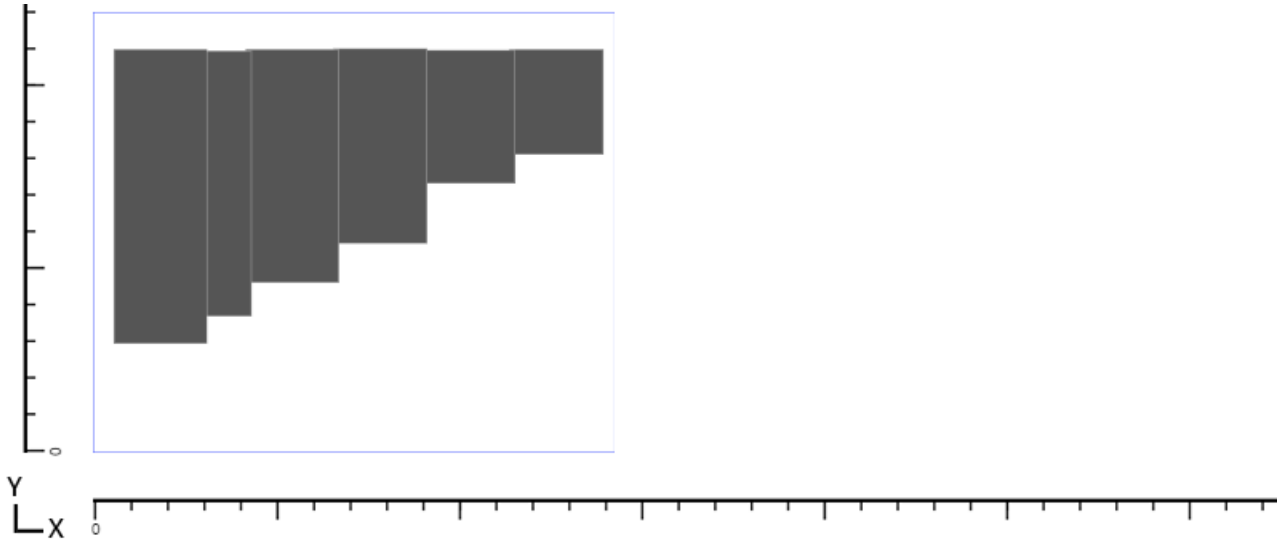
**Max Signal:** 53.3% **Length (X):** 178cm **Width (Y):** 150.01cm **Thickness:** 6,35 mm

**Selected Signal Range:** 3 – 450 mV

### Recorded Measurements




### Scanned Track Outlines



# LAVENDER

## INTERNATIONAL NDT TRAINING SCHOOL

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

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

This is to certify that GISLI ARNAR GUDMUNDSSON

of NDT EHF

has succesfully 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

For Lavender International NDT Consultancy Services Ltd.

67057 dated 10 MARCH 2017

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, stjórnsýslustofnun 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 málmi.*

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 | 25.7.2018 | Geir Þór Geirsson |
|---|---|---|
| **Staður** | **Dagsetning** | **Undirskrift og stimpill** |

Samgöngustofa
Icelandic Transport Authority

DNV·GL

# 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

| Type of equipment | S/N | Used for survey of |
|---|---|---|
| Olympus 45MG | 191446208 | Ultrasonic thickness measurement |
| Olympus 45MG | 130177407 | Ultrasonic thickness measurement |

Hafnarfjörður, Iceland

2020-09-14

Hafsteinn Gunnar Jónsson

DNV GL surveyor

DNV·GL