

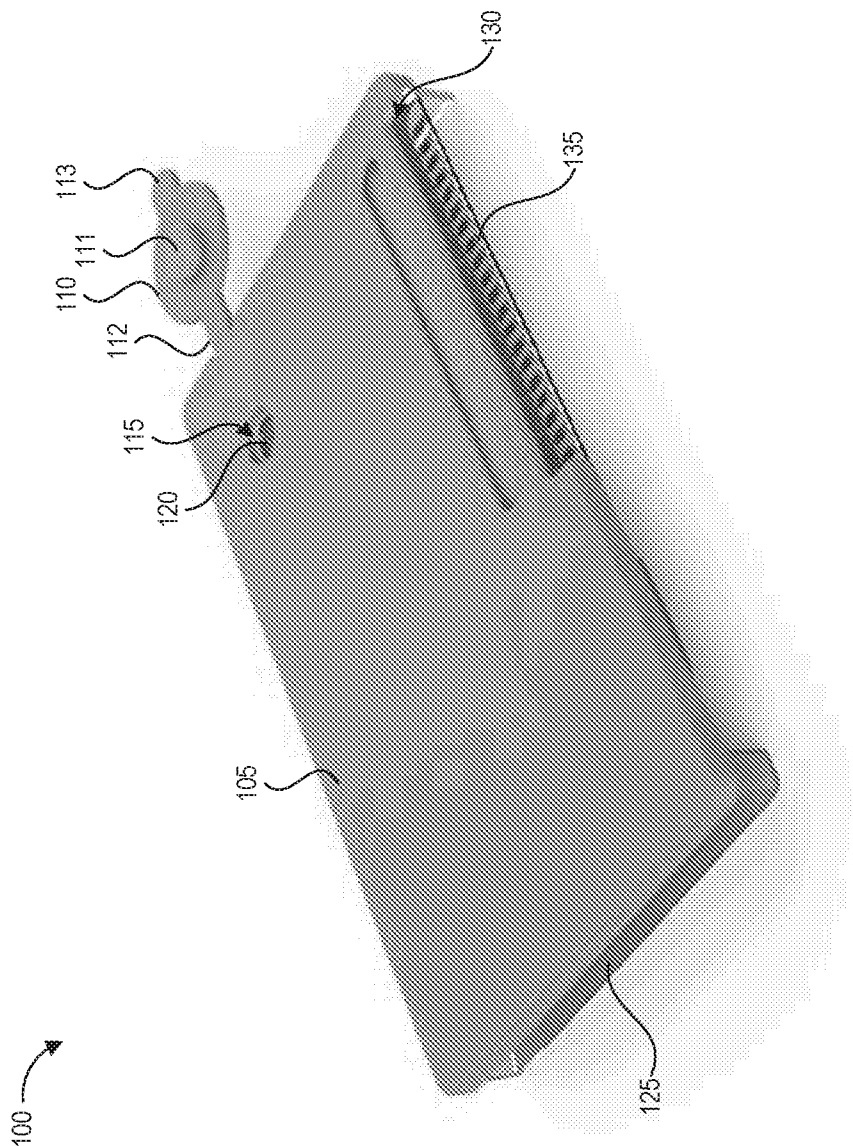
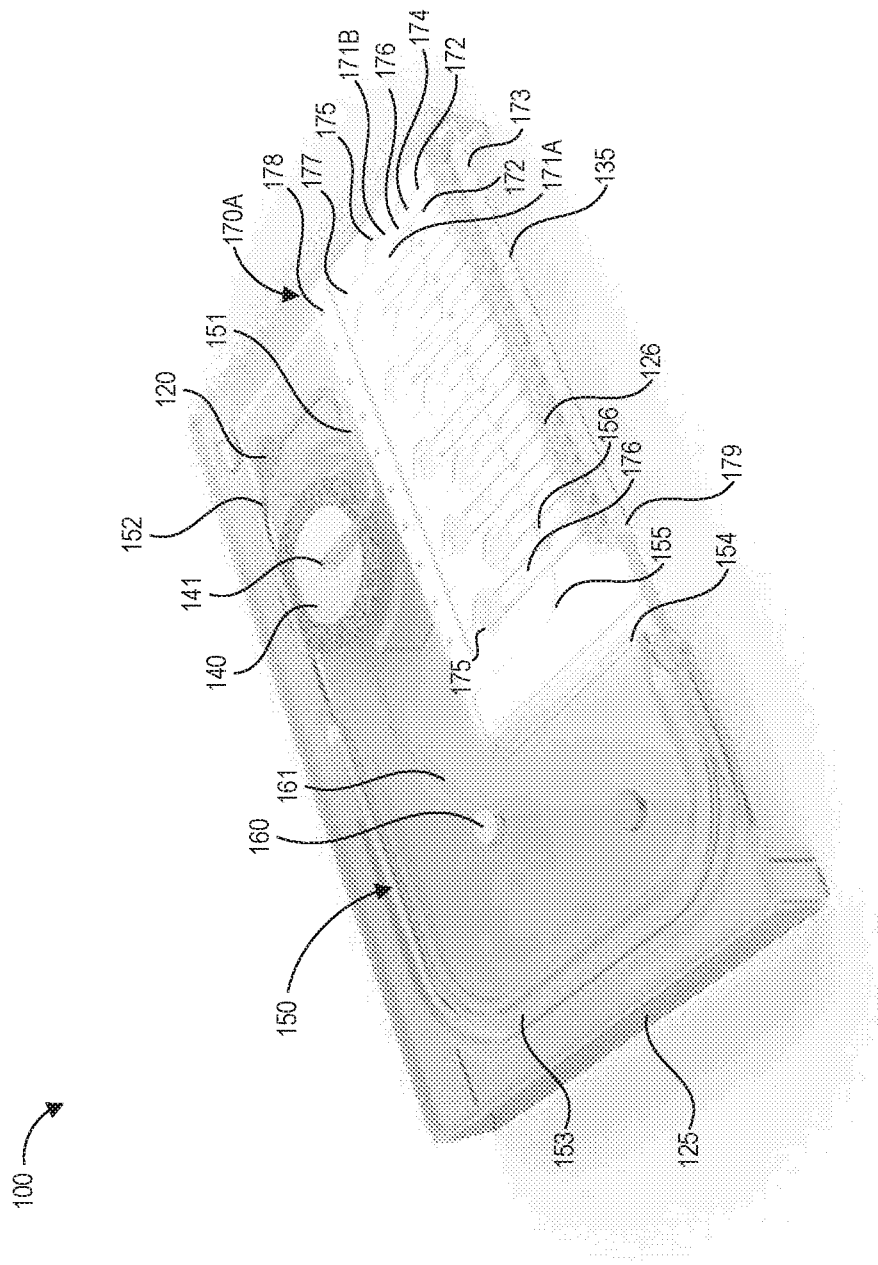


FIG. 1A



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த
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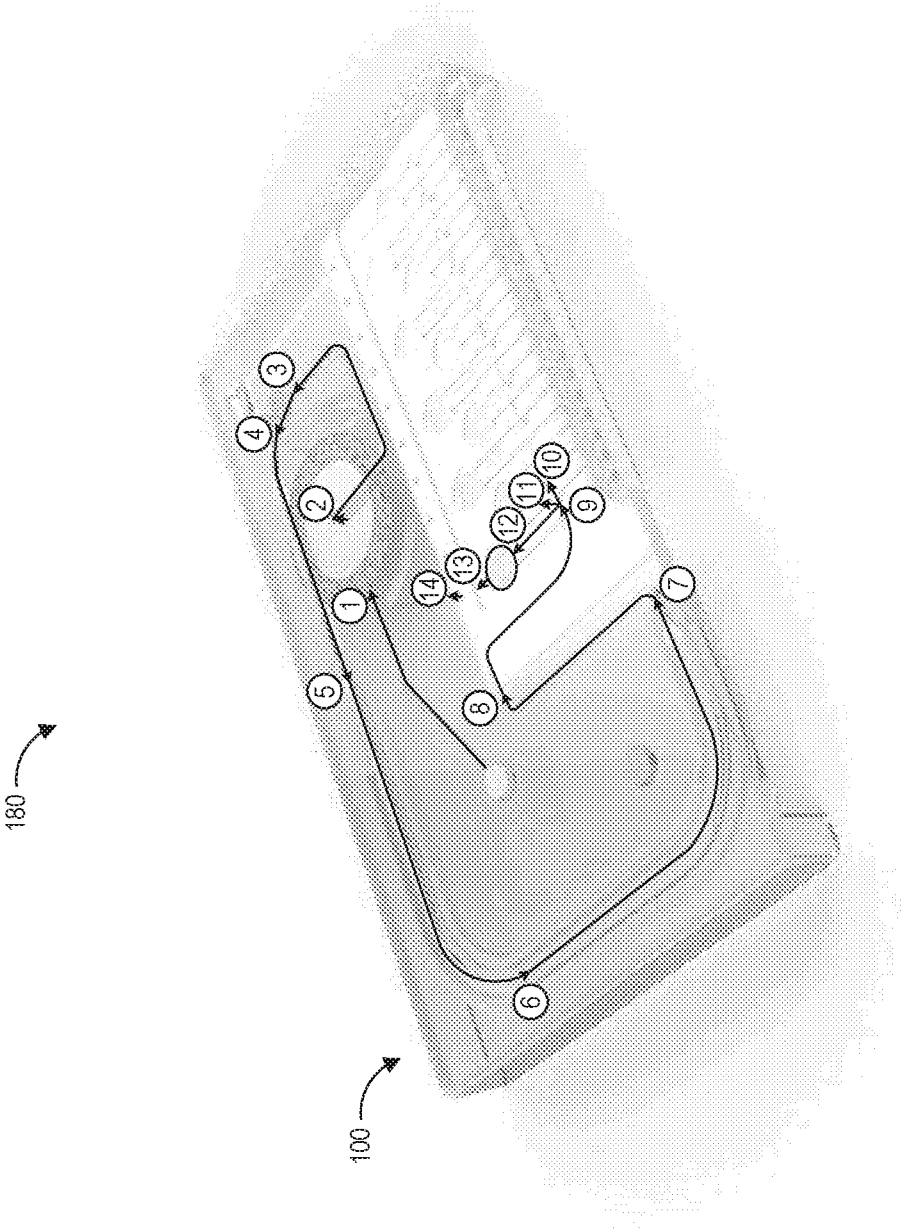


FIG. 1C

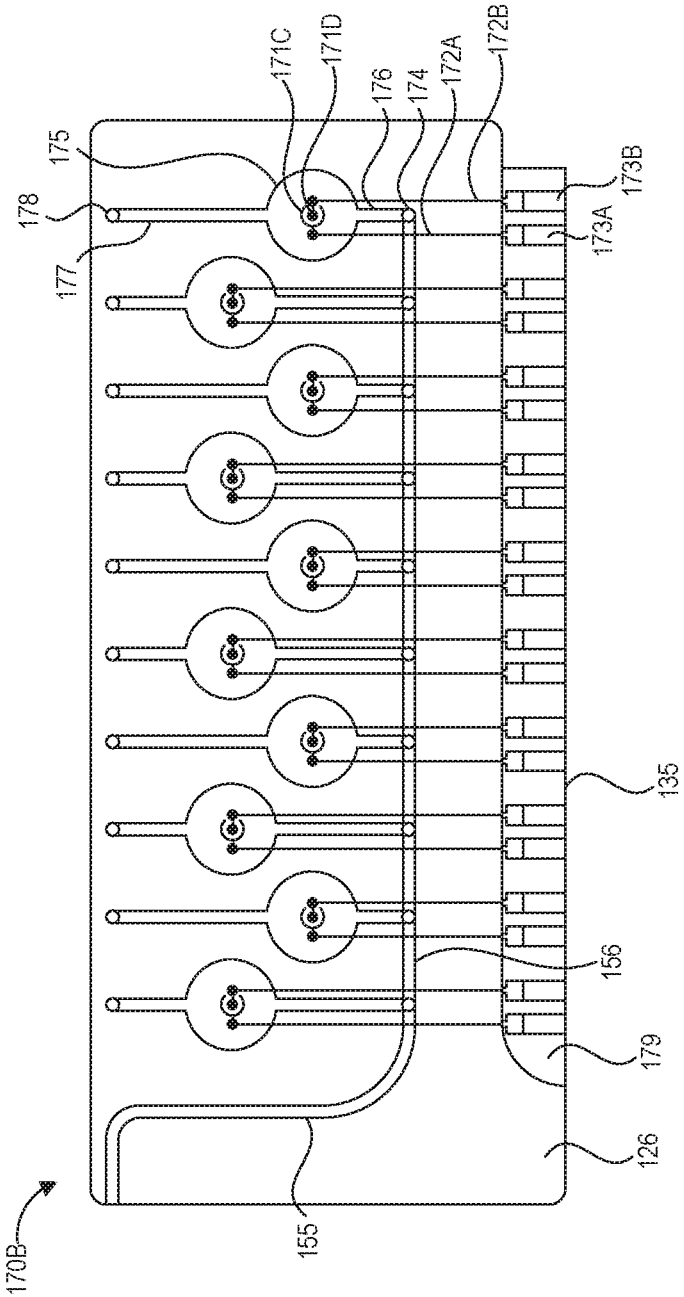


FIG. 1D

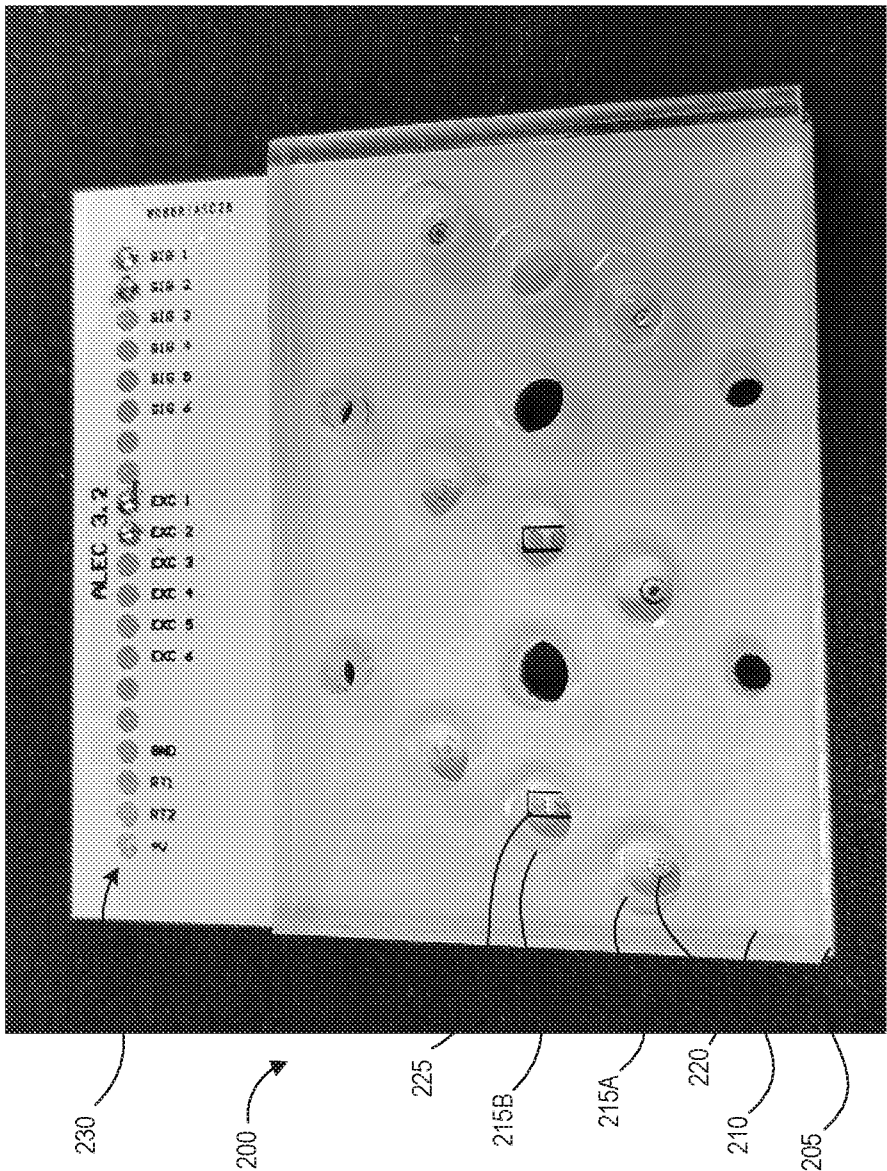


FIG. 2

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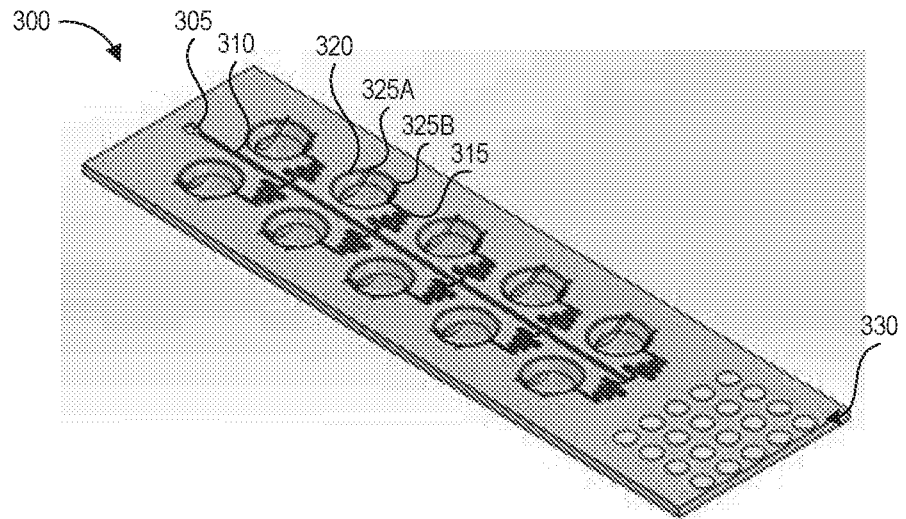


FIG. 3A

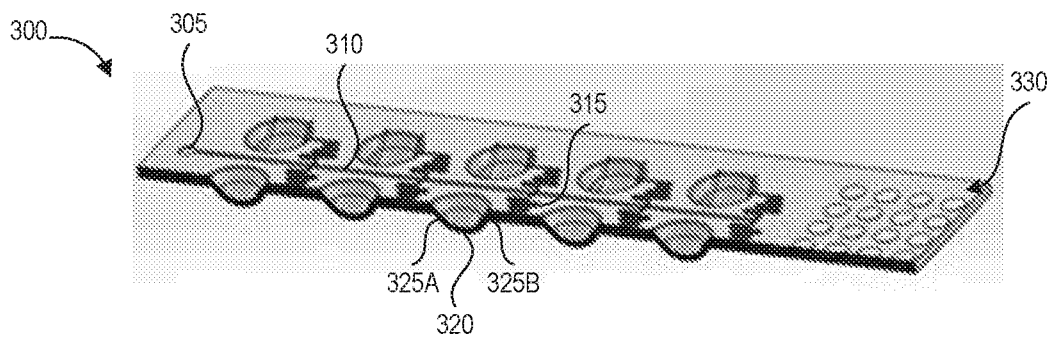


FIG. 3B

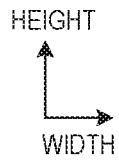


FIG. 4A

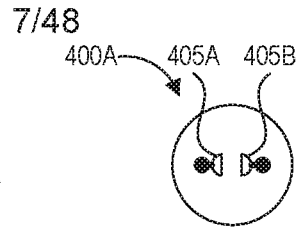


FIG. 4B

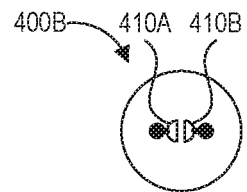


FIG. 4C

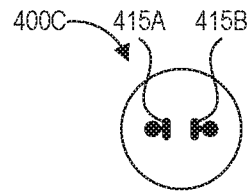


FIG. 4D

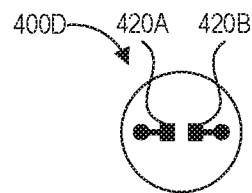


FIG. 4E

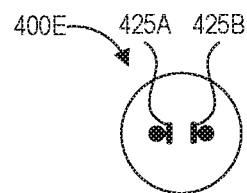


FIG. 4F

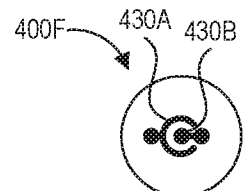
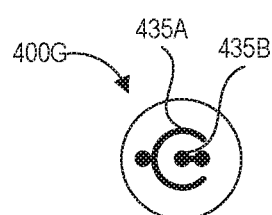


FIG. 4G



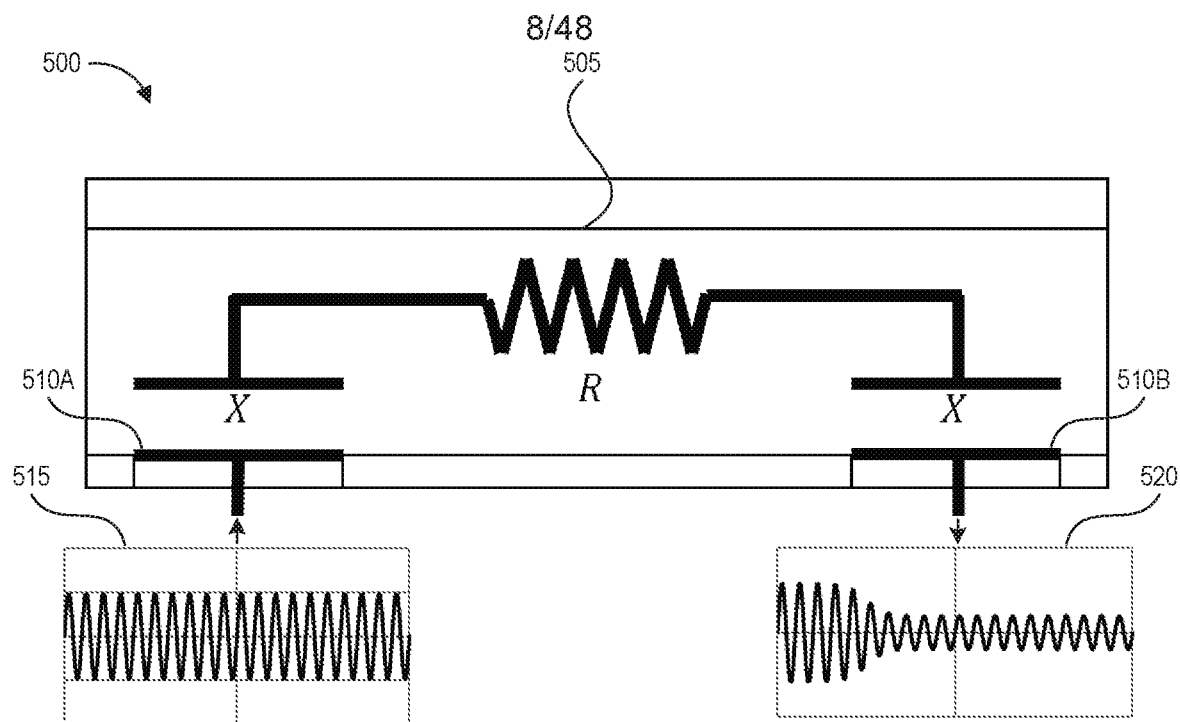


FIG. 5A

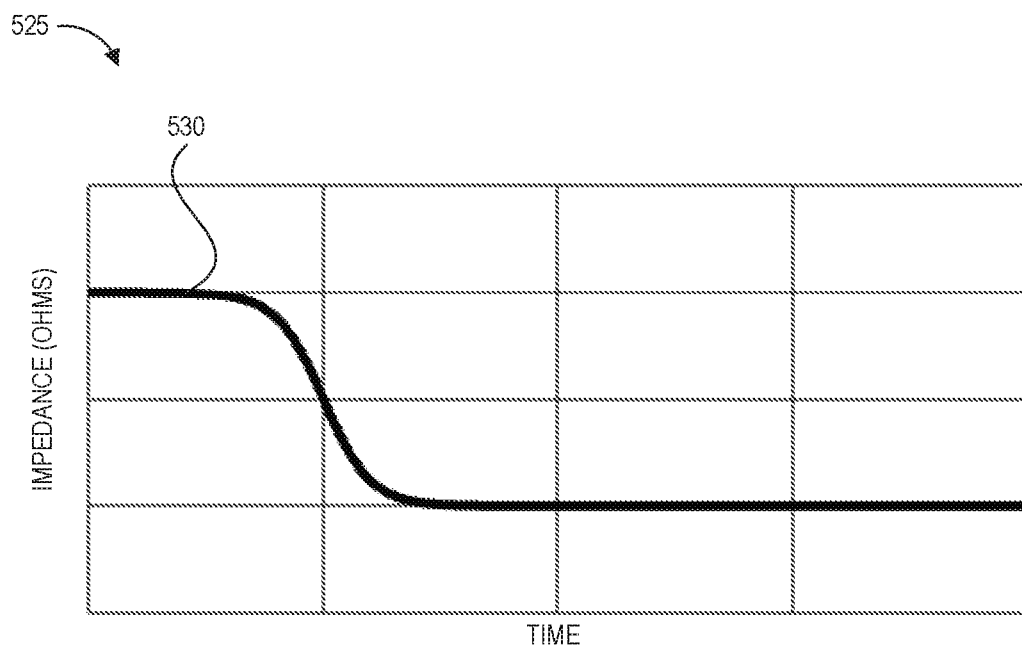


FIG. 5B

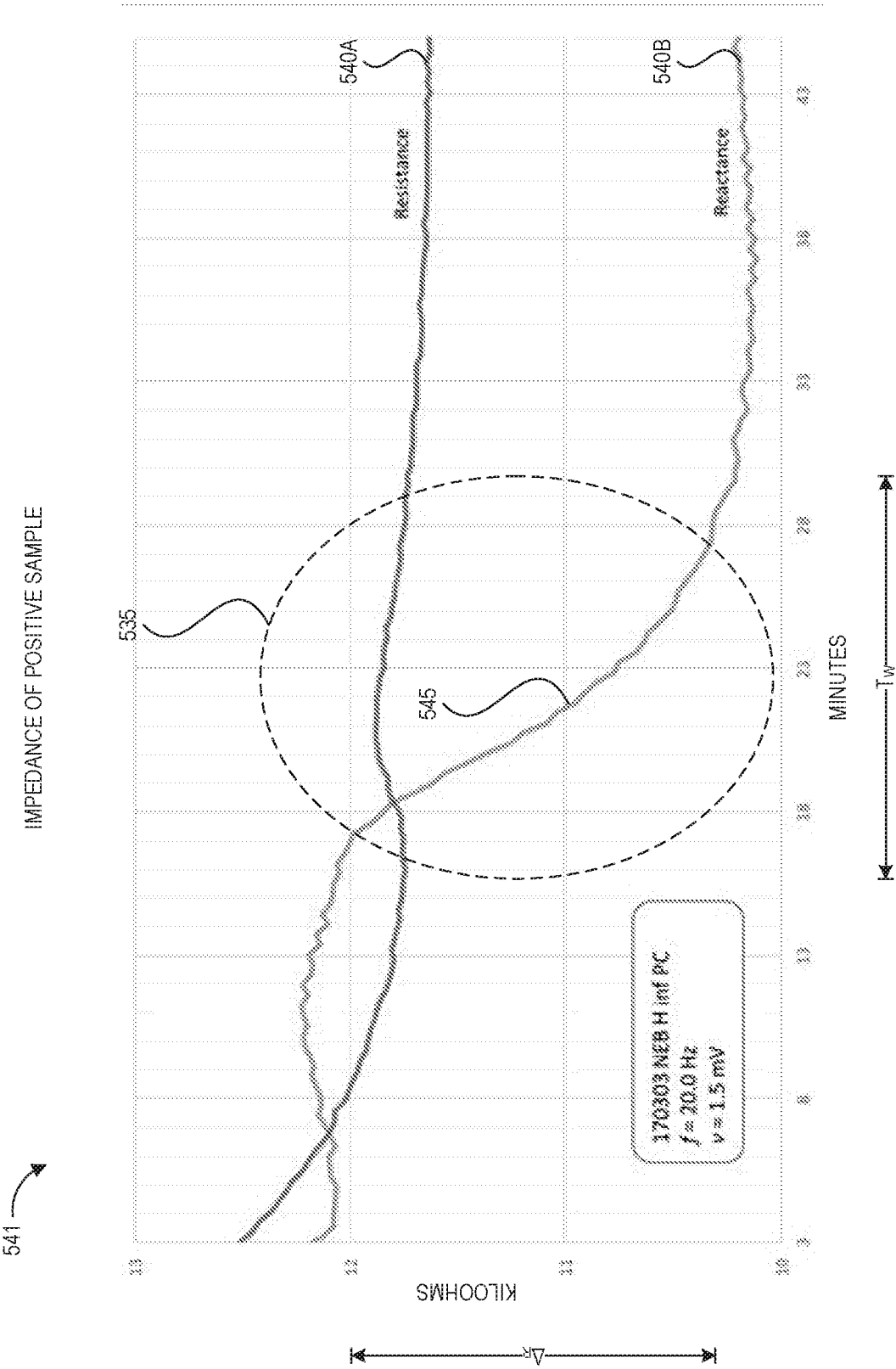


FIG. 5C

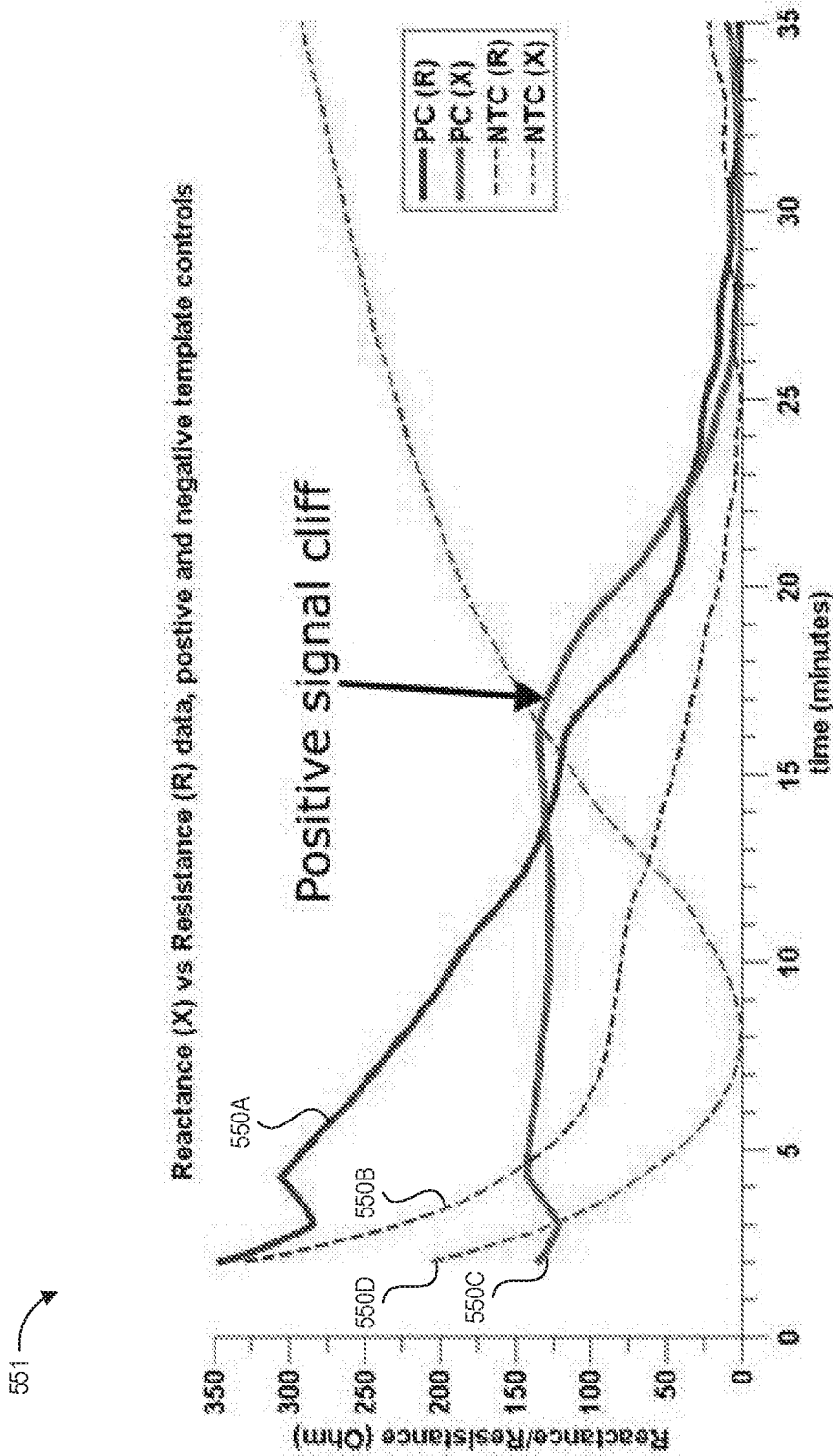


FIG. 5D

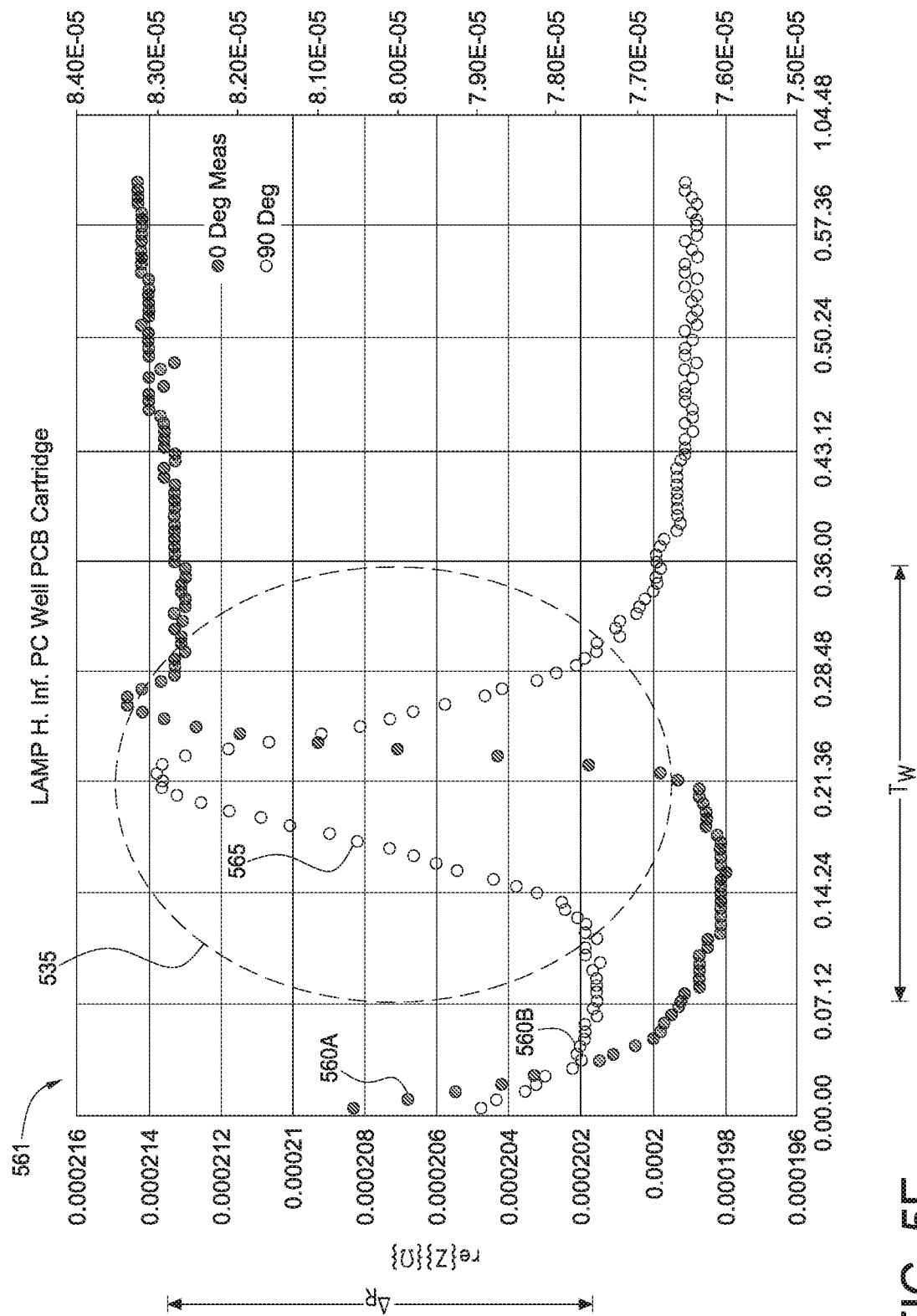
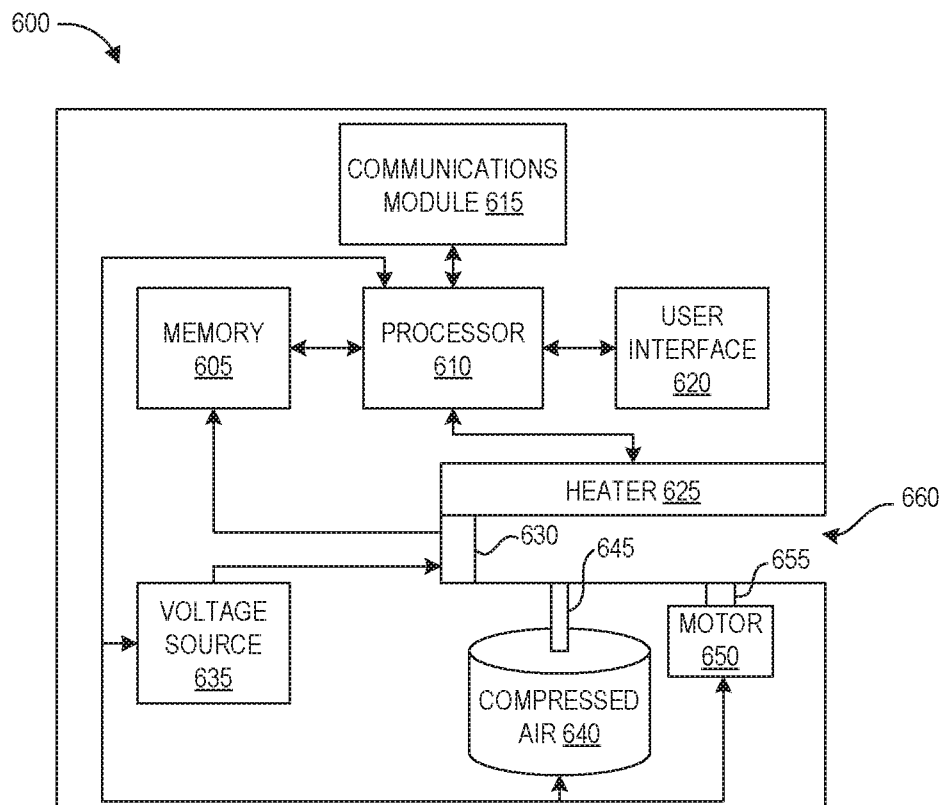
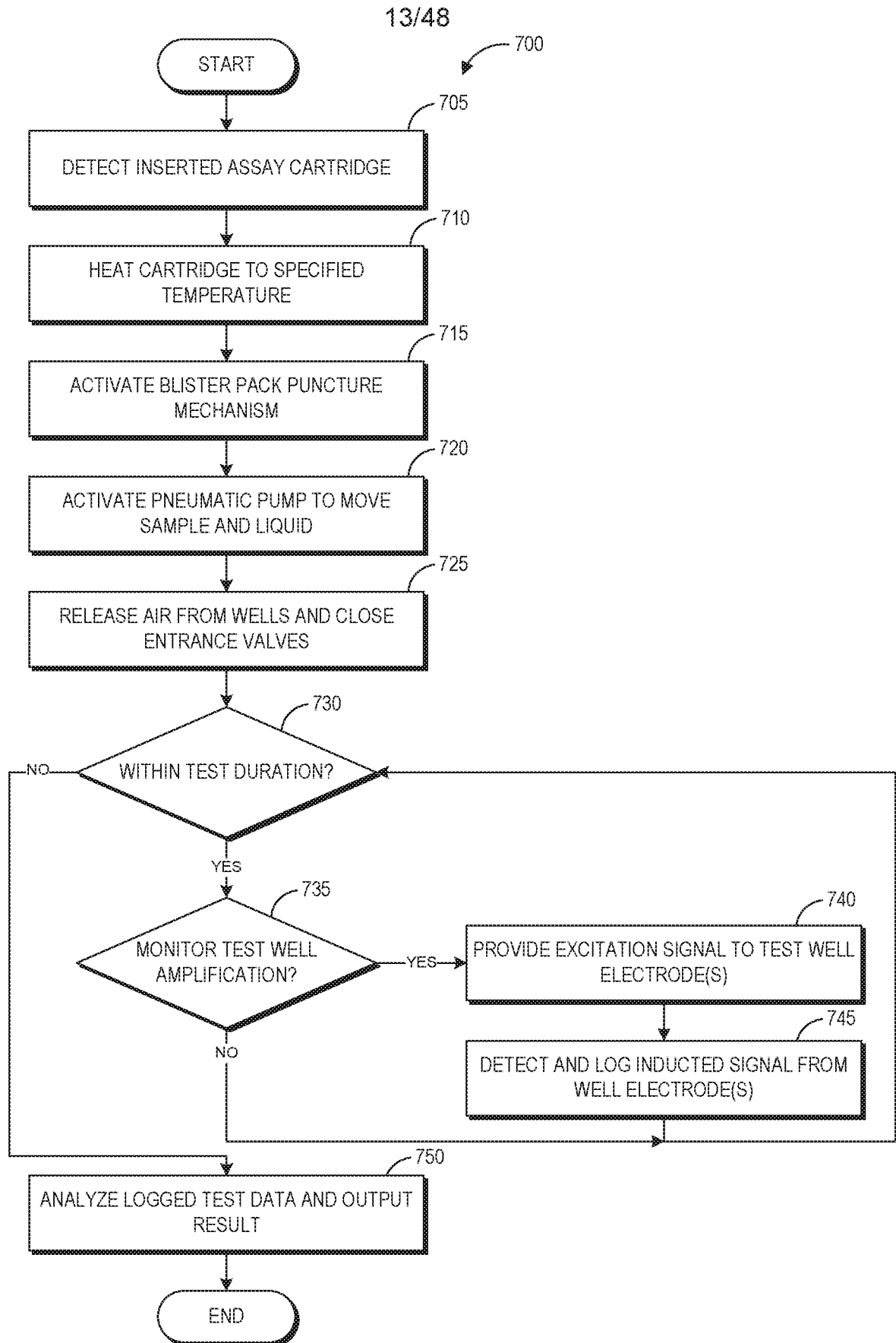


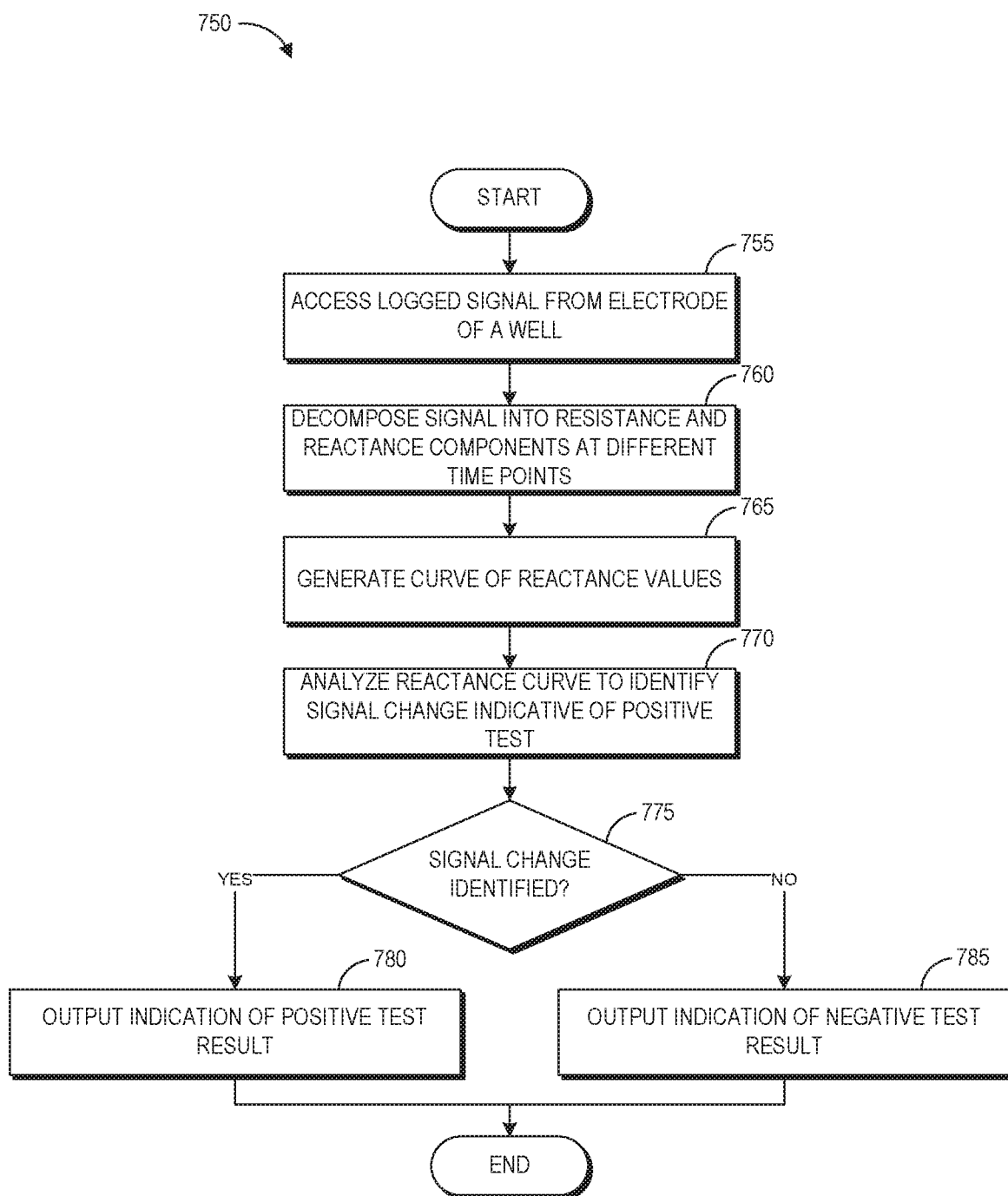
FIG. 5E

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**FIG. 6**

**FIG. 7A**

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**FIG. 7B**

Amplification Immunoassay

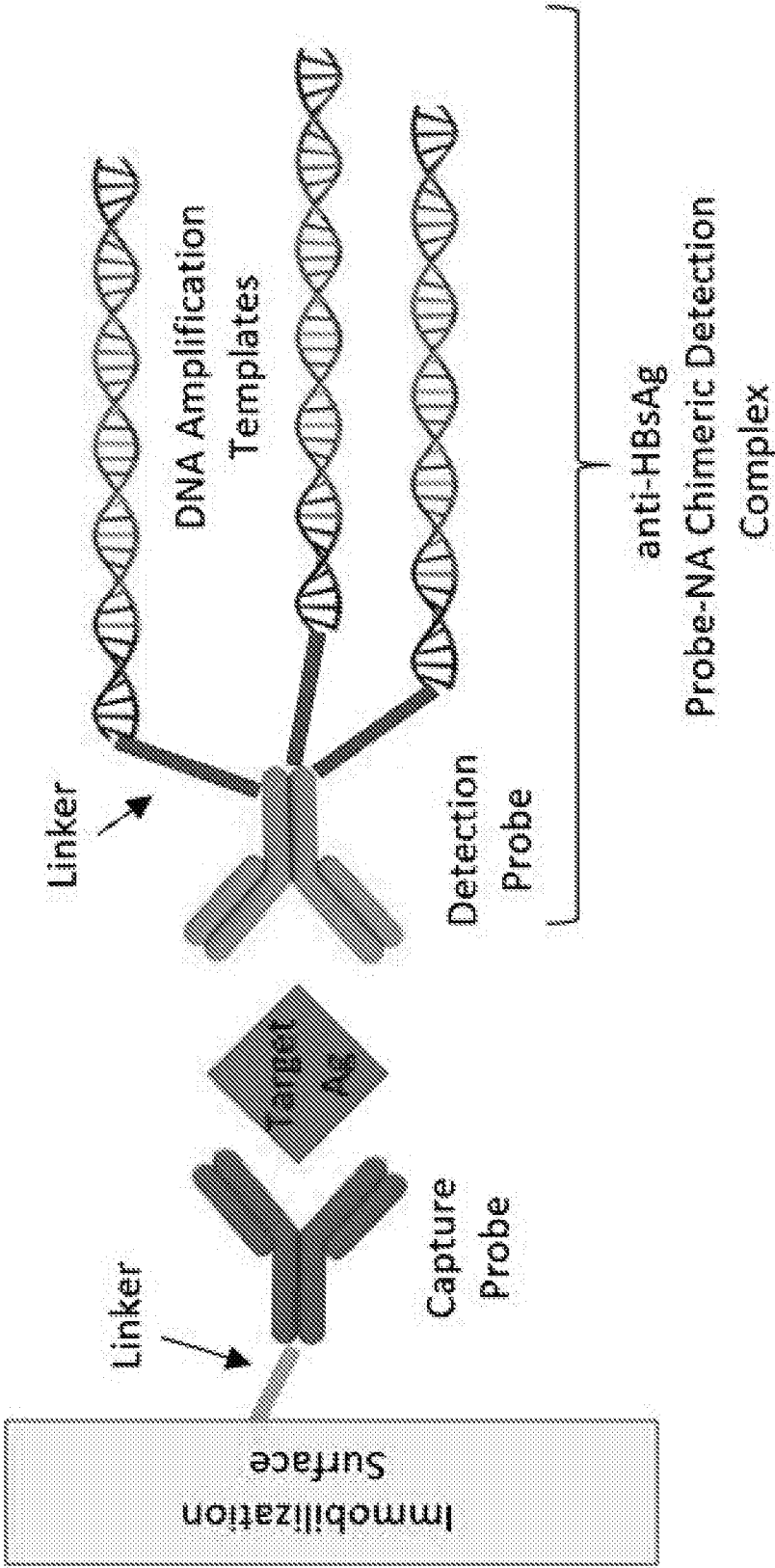


FIG. 8

Bead-based Amplification Immunoassay

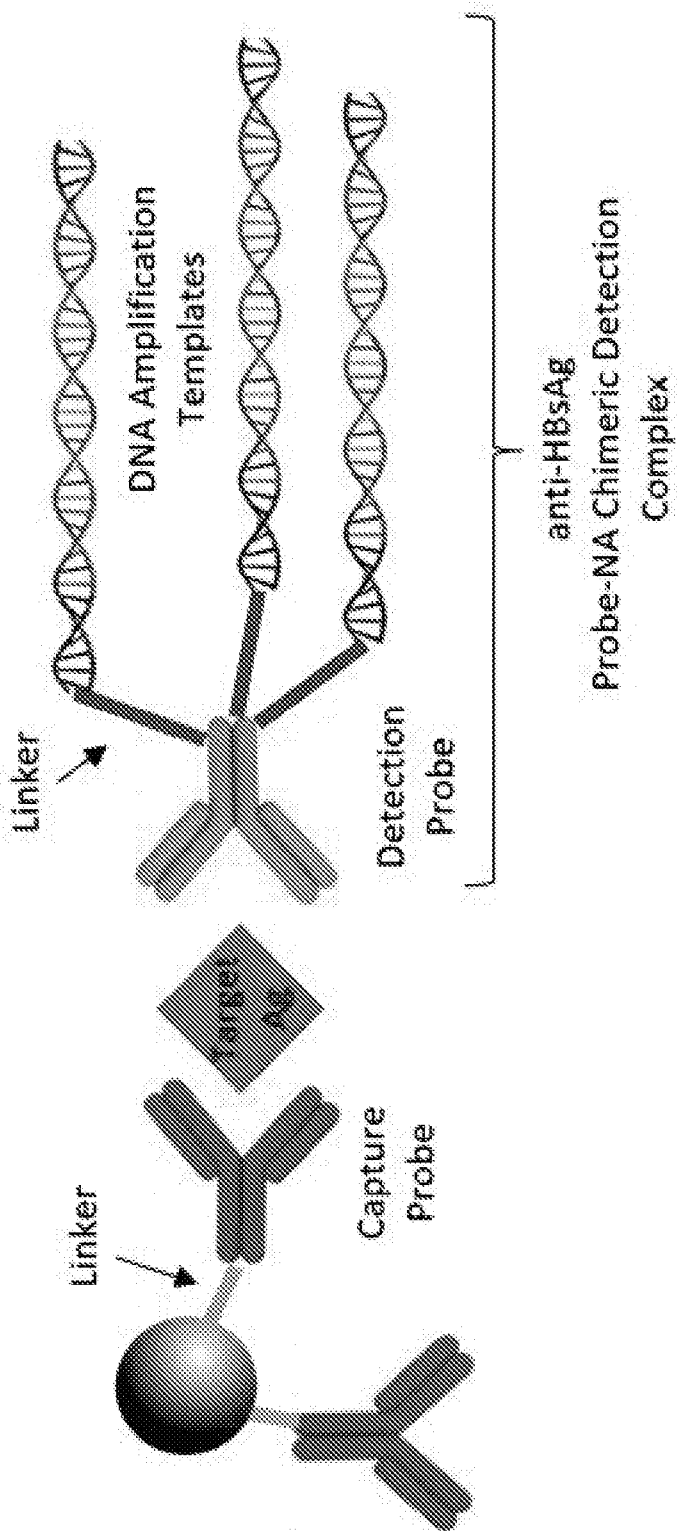


FIG. 9

Magnetic Bead-based Amplification Immunoassay (MAIA)

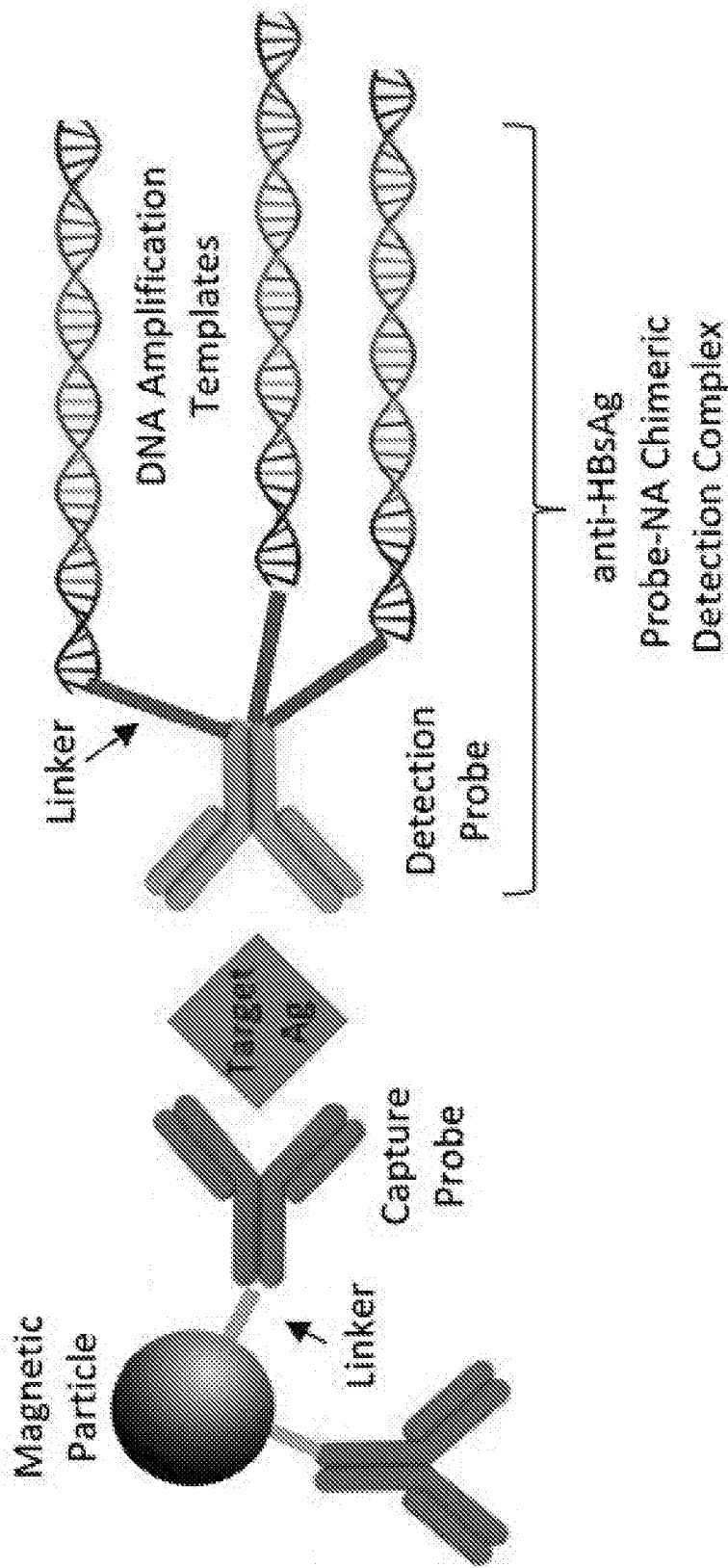


FIG. 10

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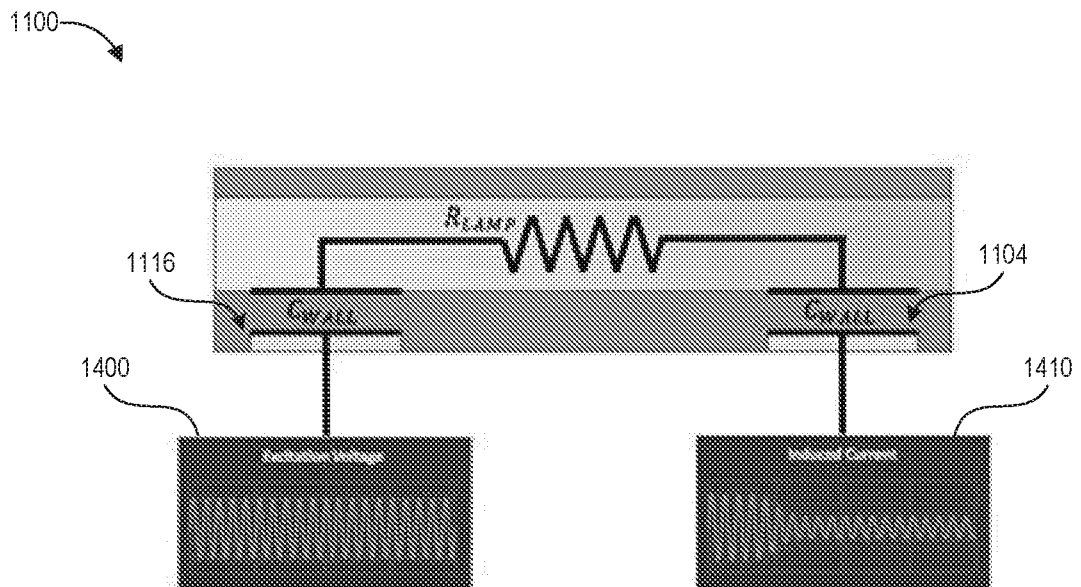


FIG. 11

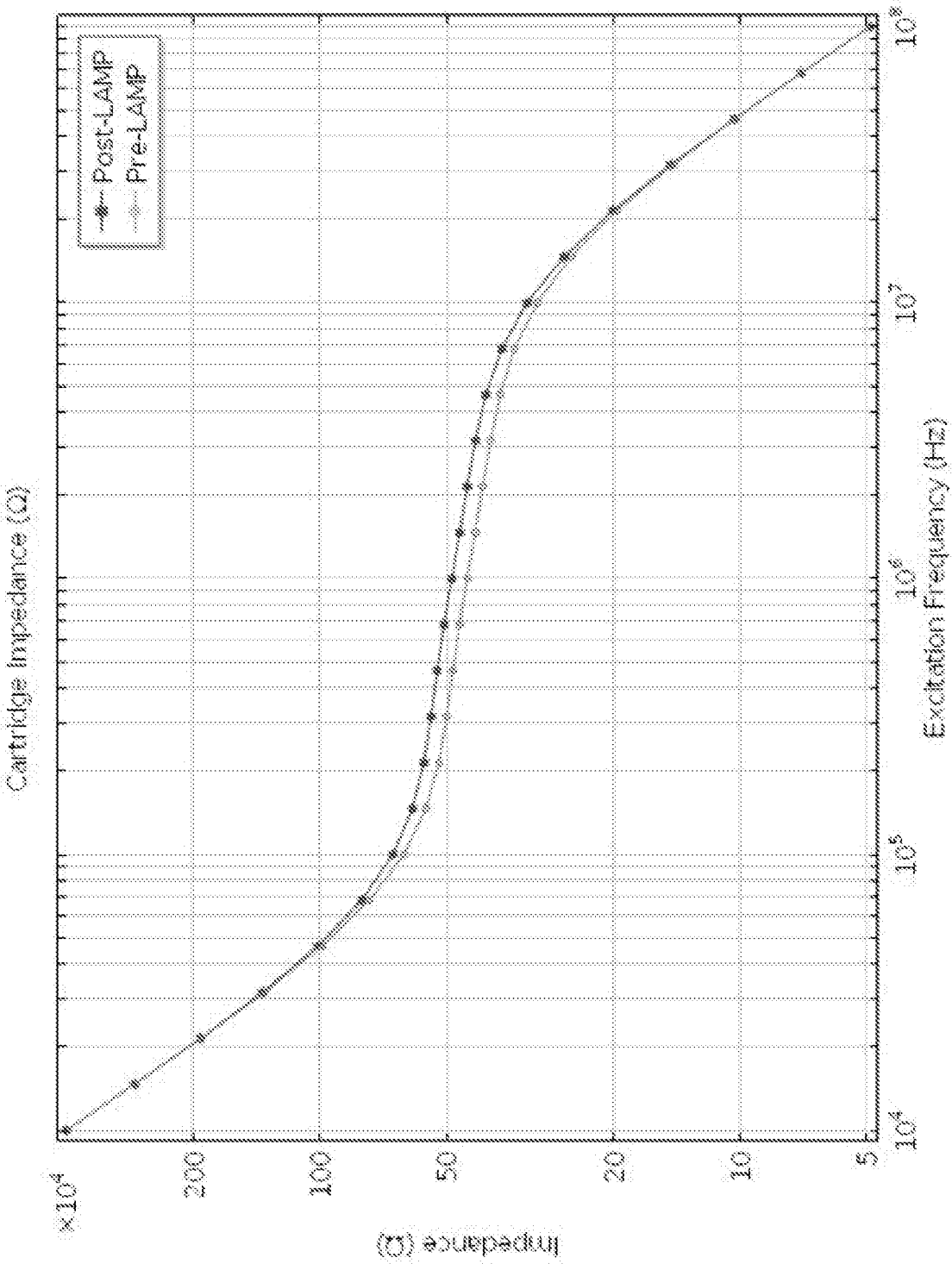


FIG. 12

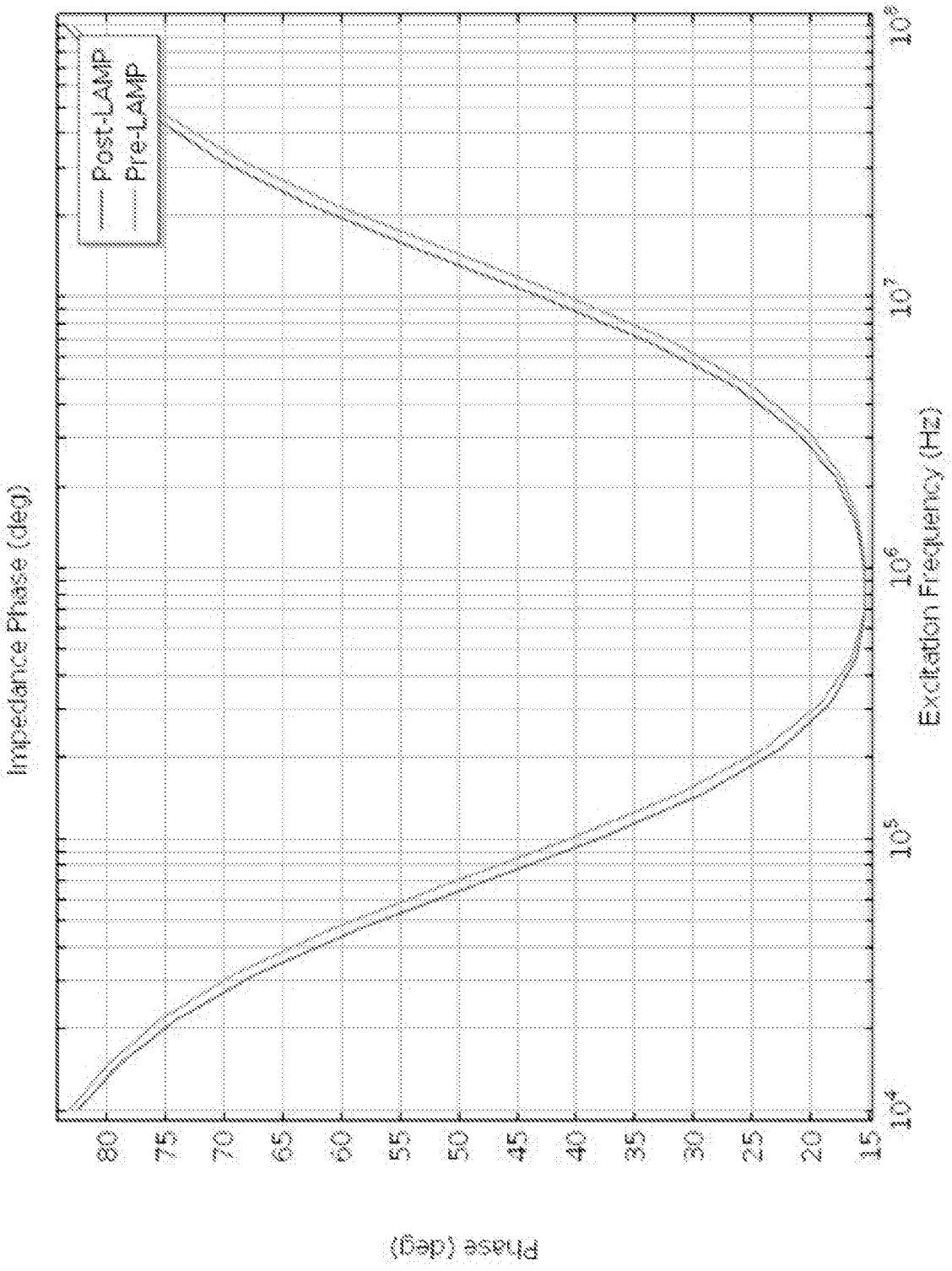


FIG. 13

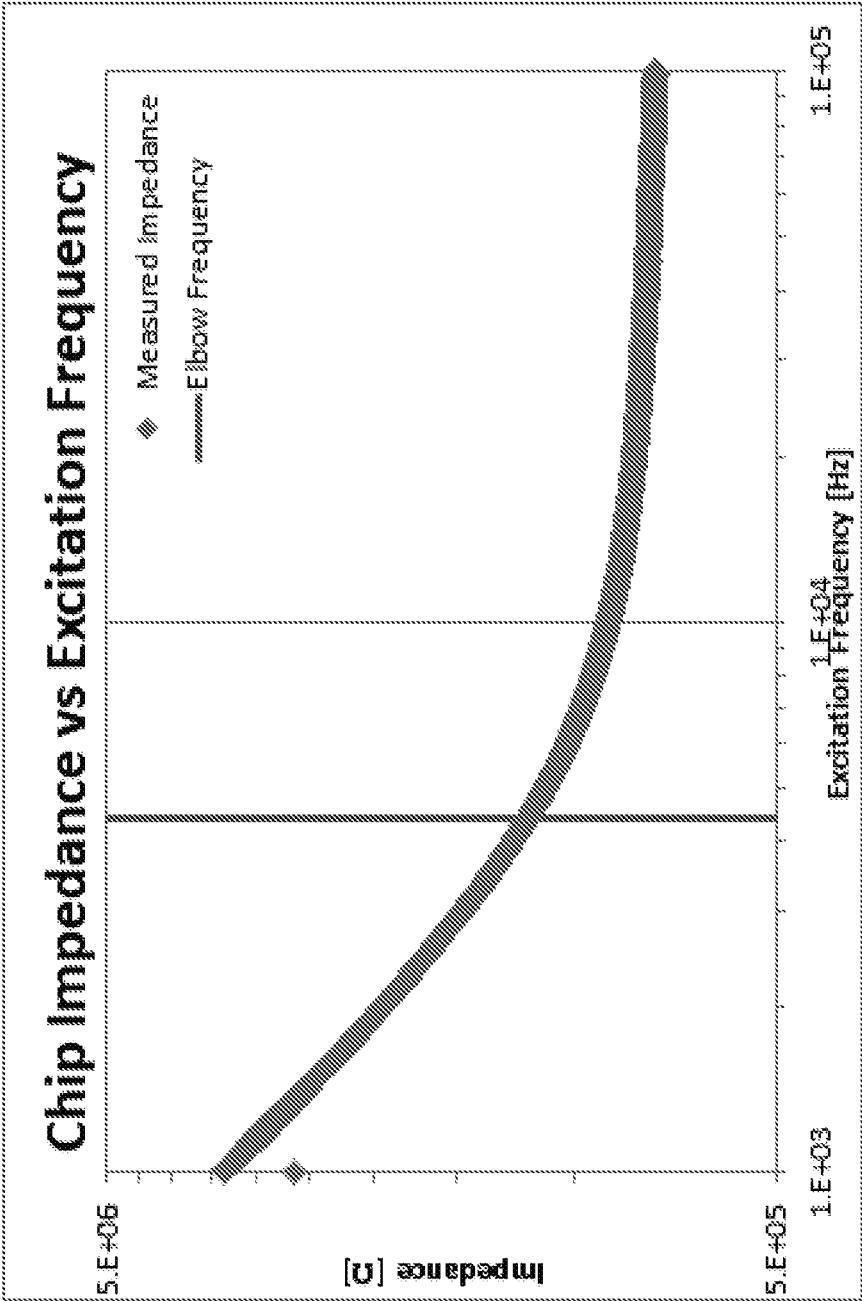


FIG. 14

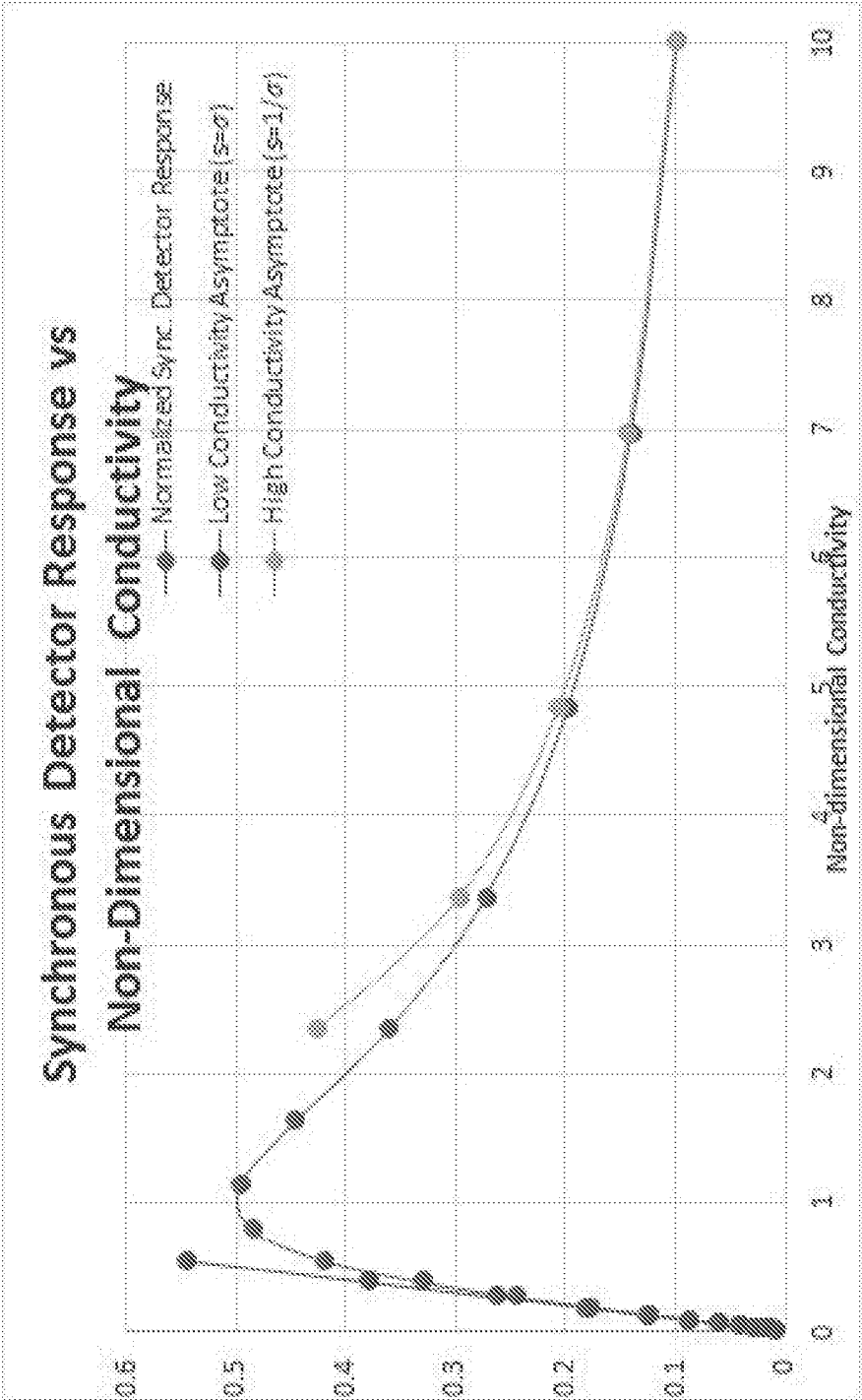


FIG. 15

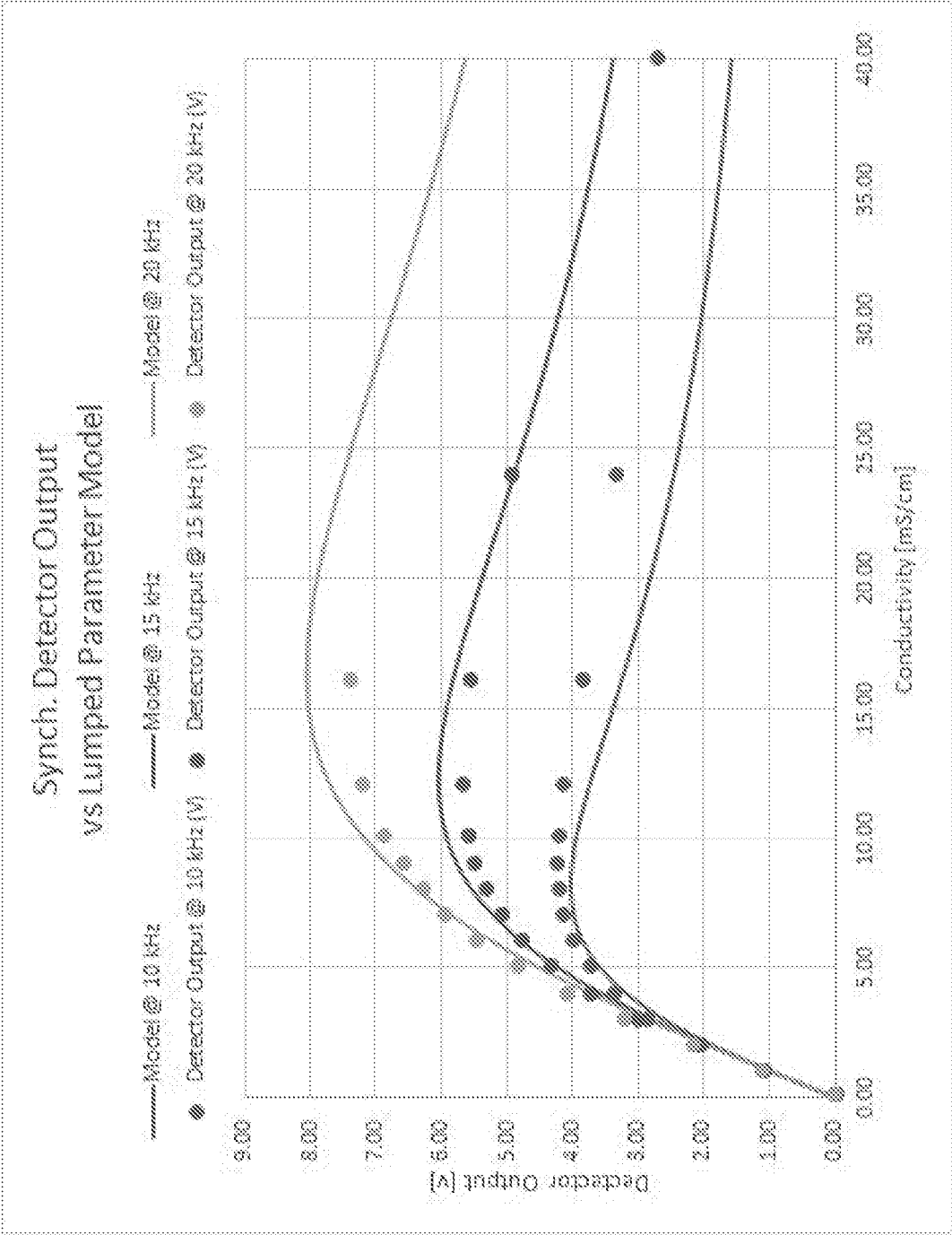


FIG. 16

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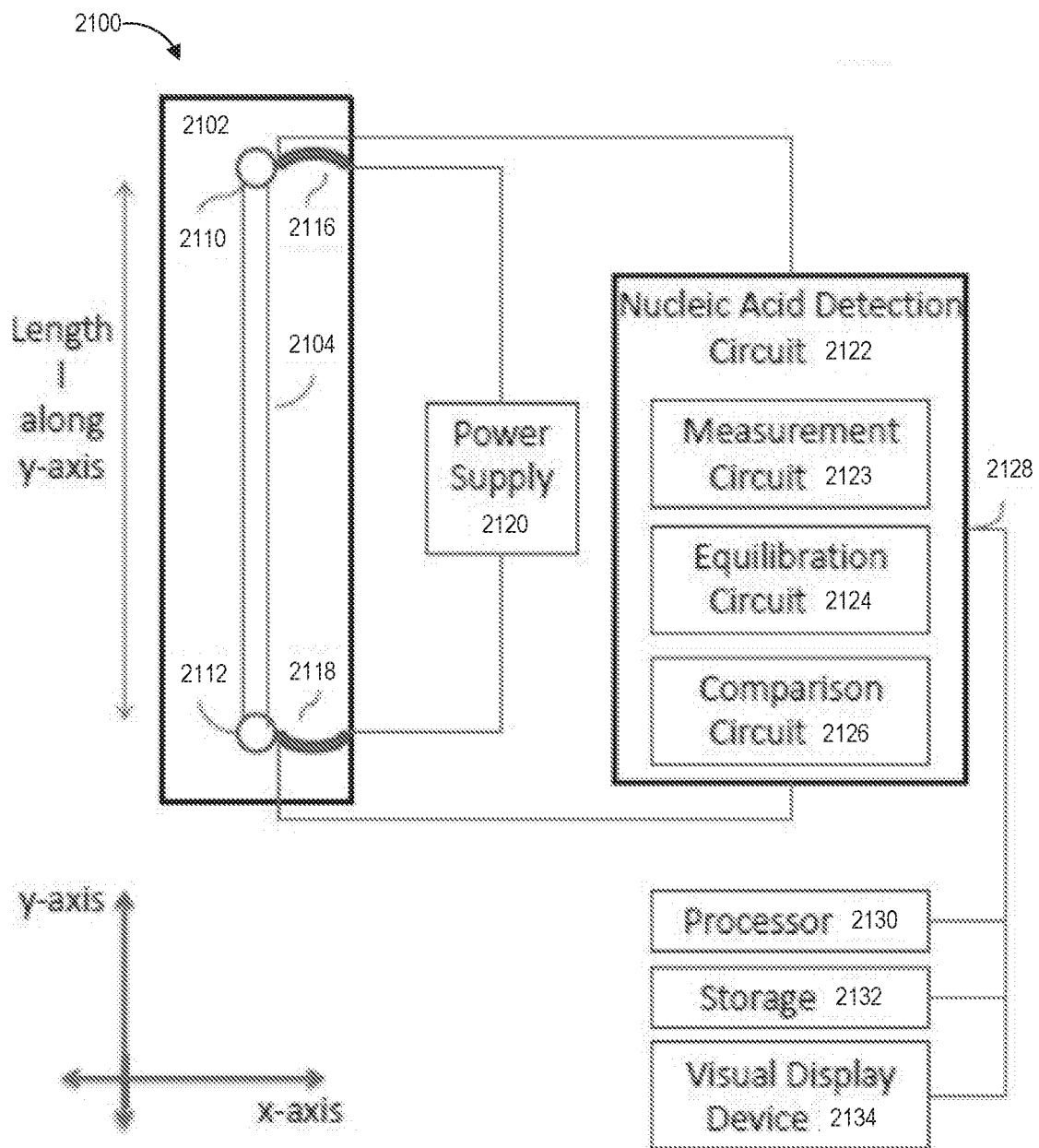


FIG. 17A

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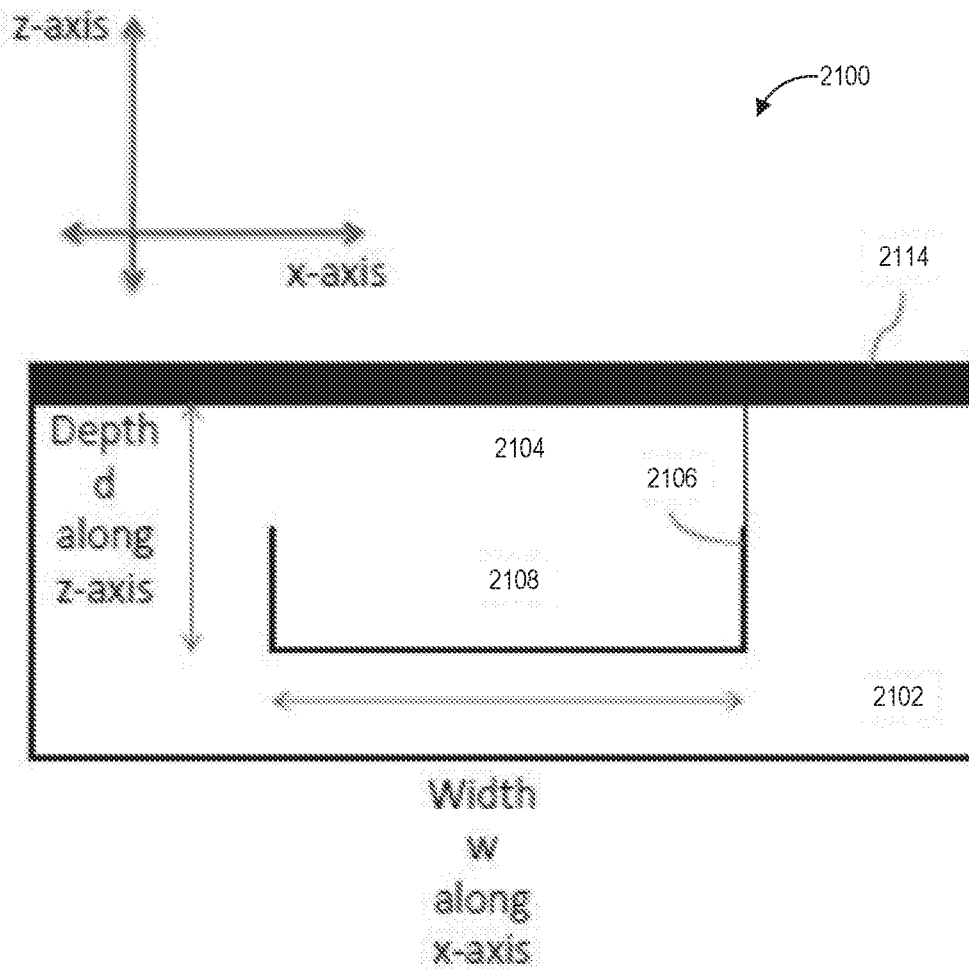


FIG. 17B

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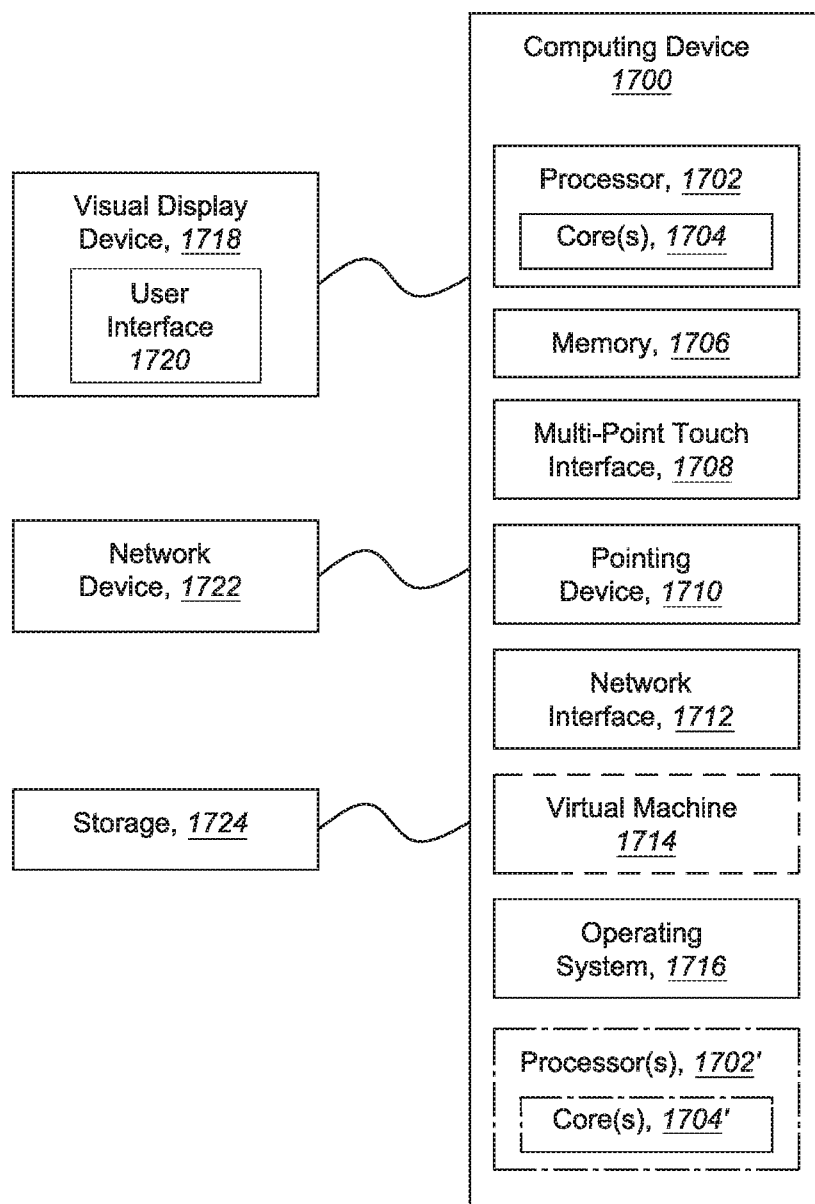


FIG. 18

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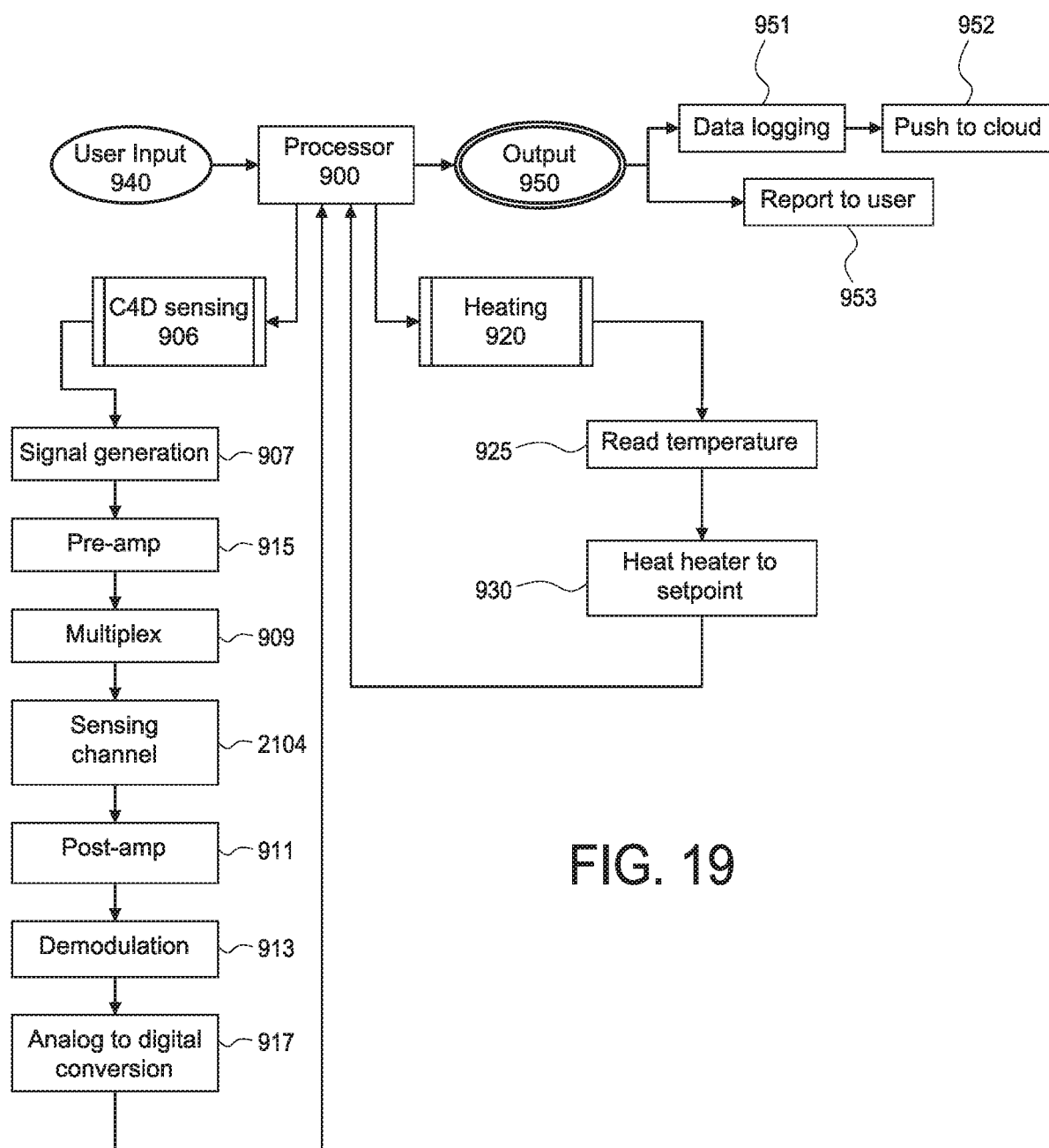


FIG. 19

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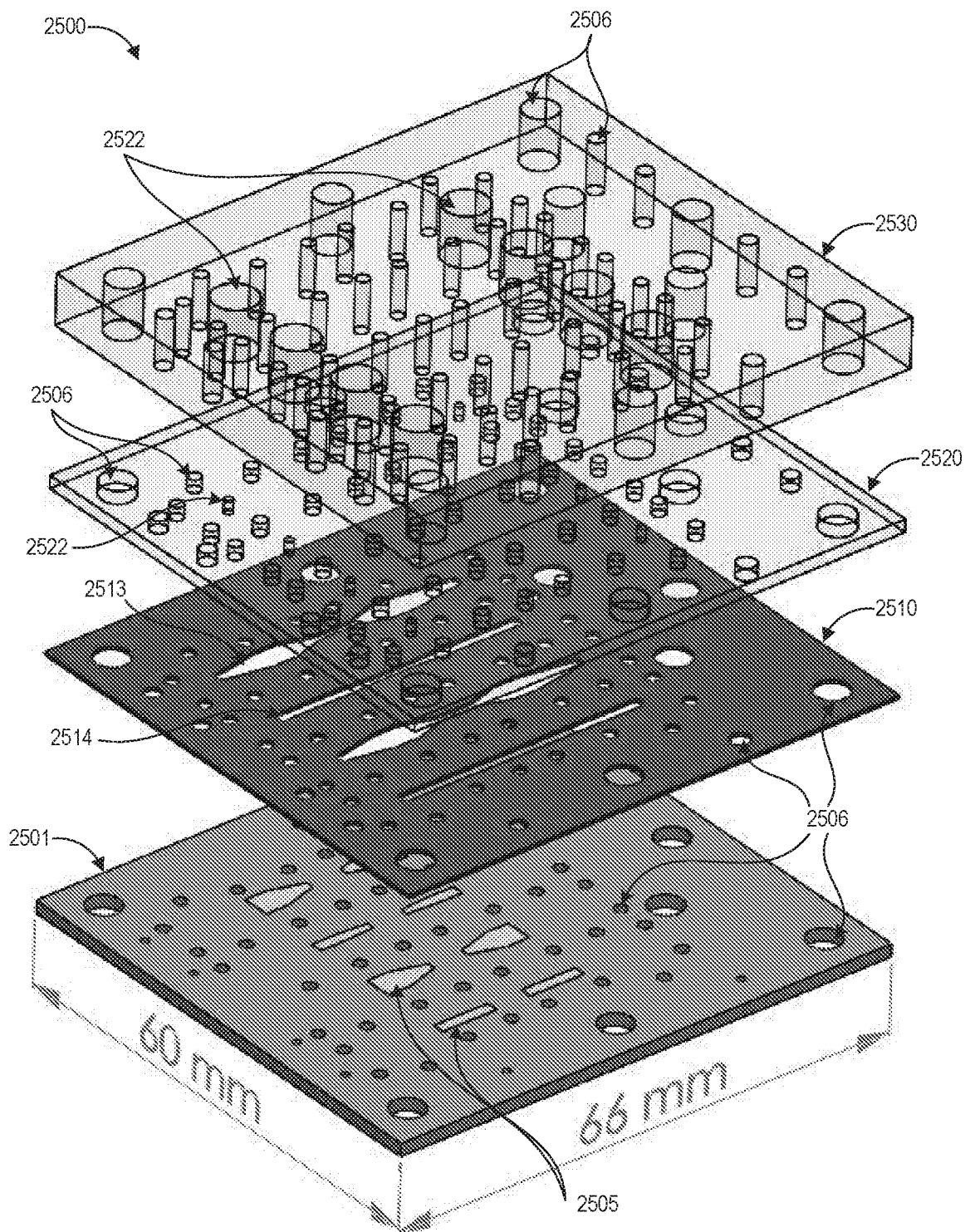


FIG. 20

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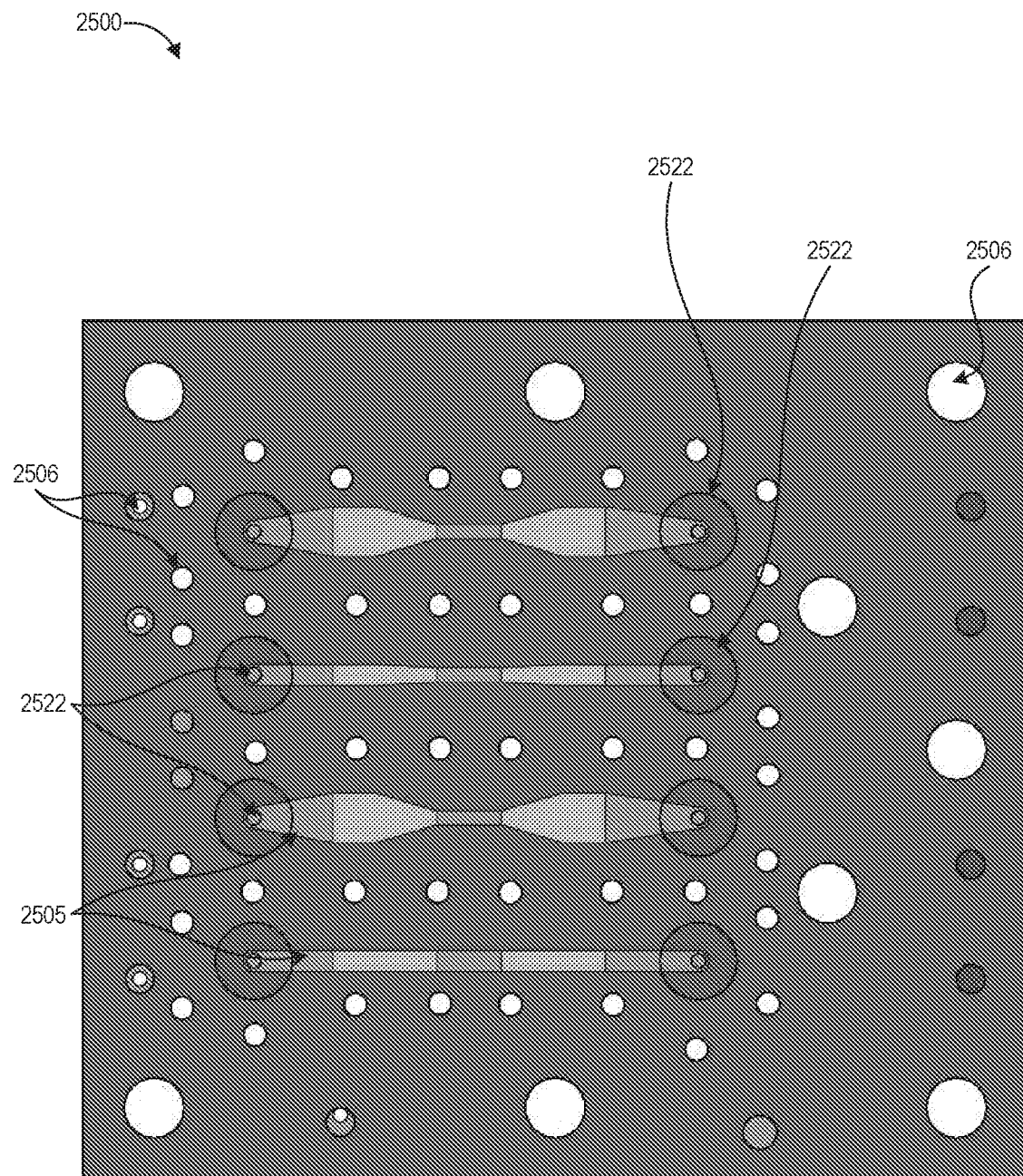


FIG. 21

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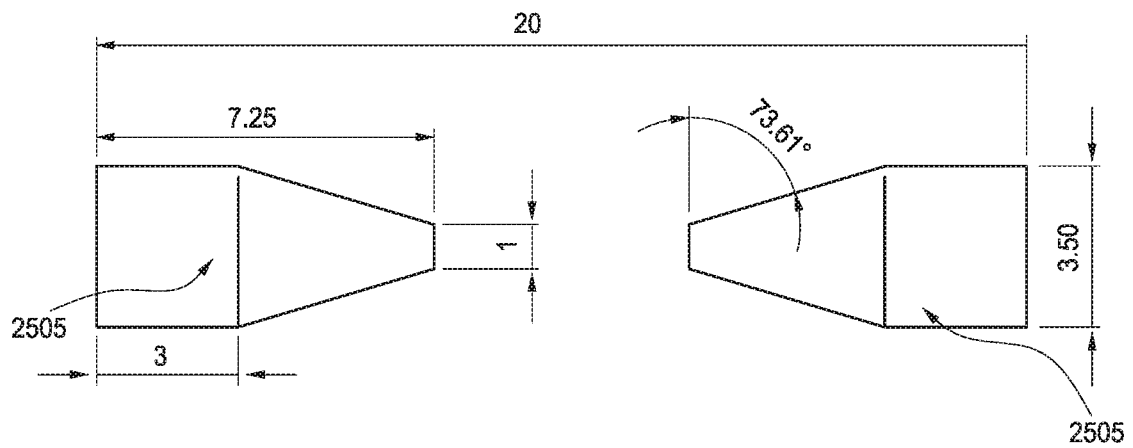


FIG. 22

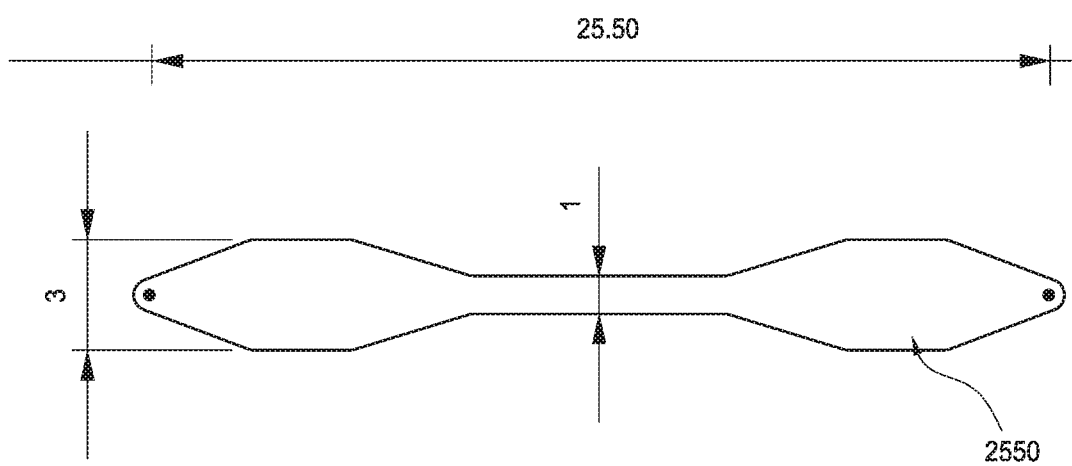


FIG. 23

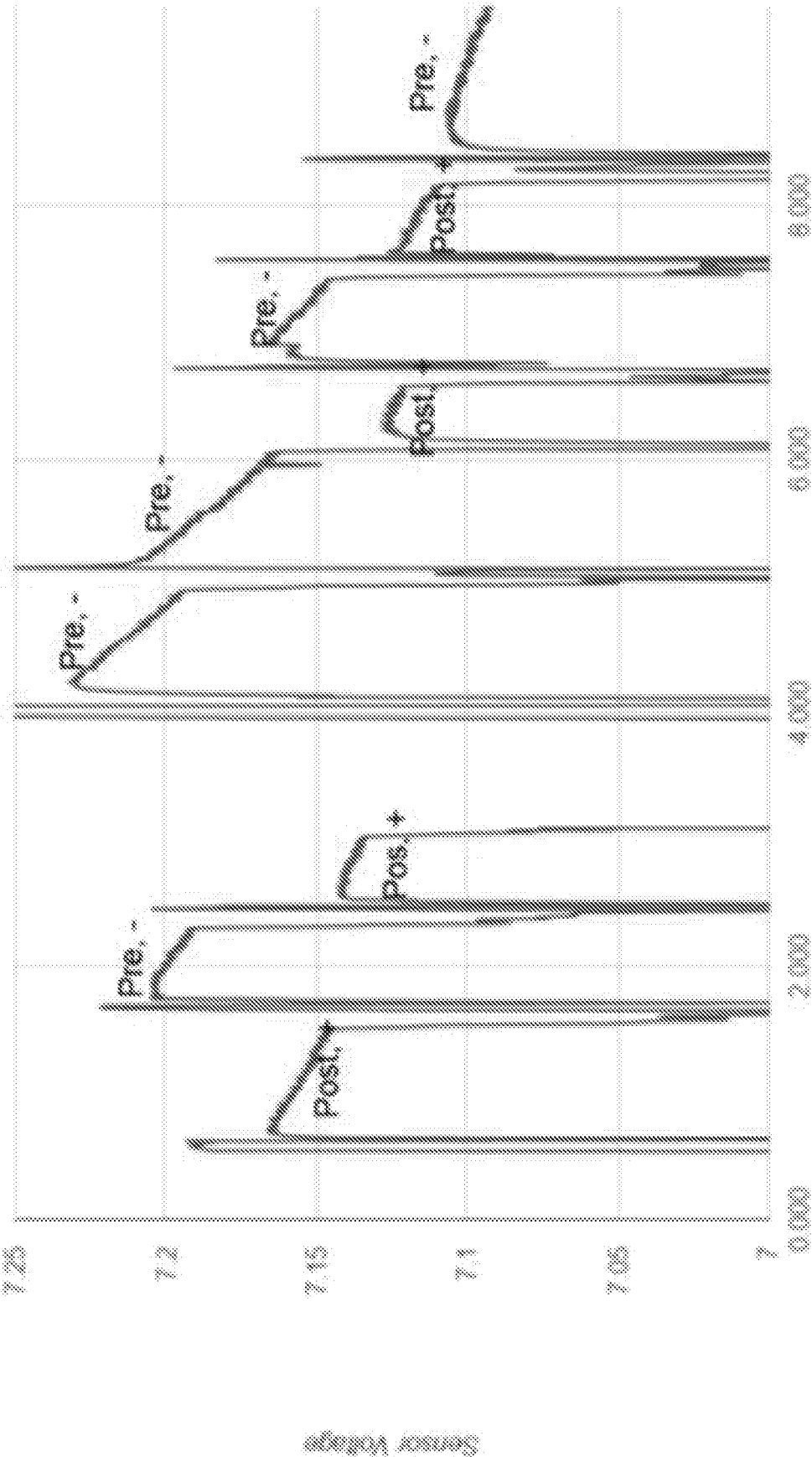


FIG. 24

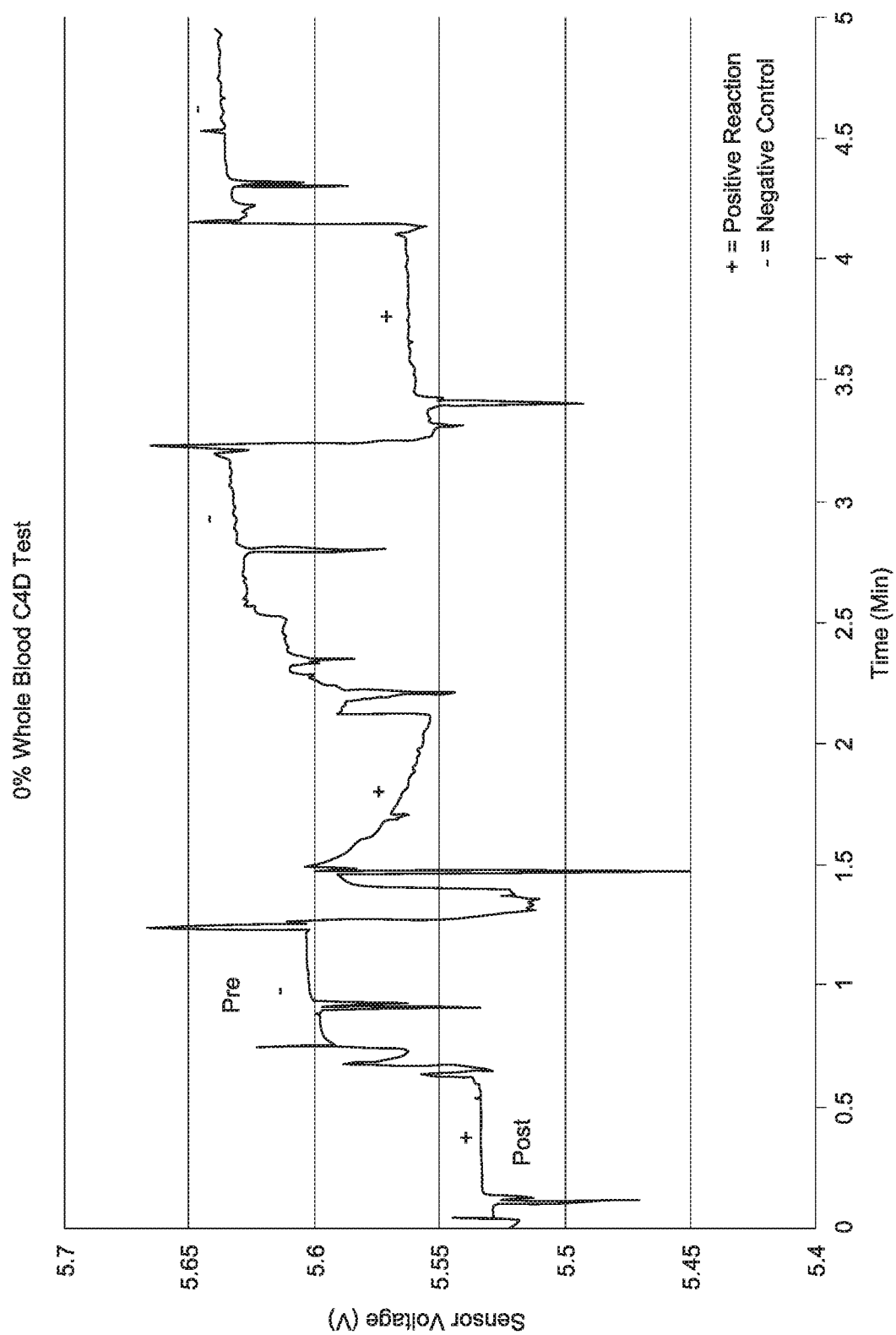


FIG. 25

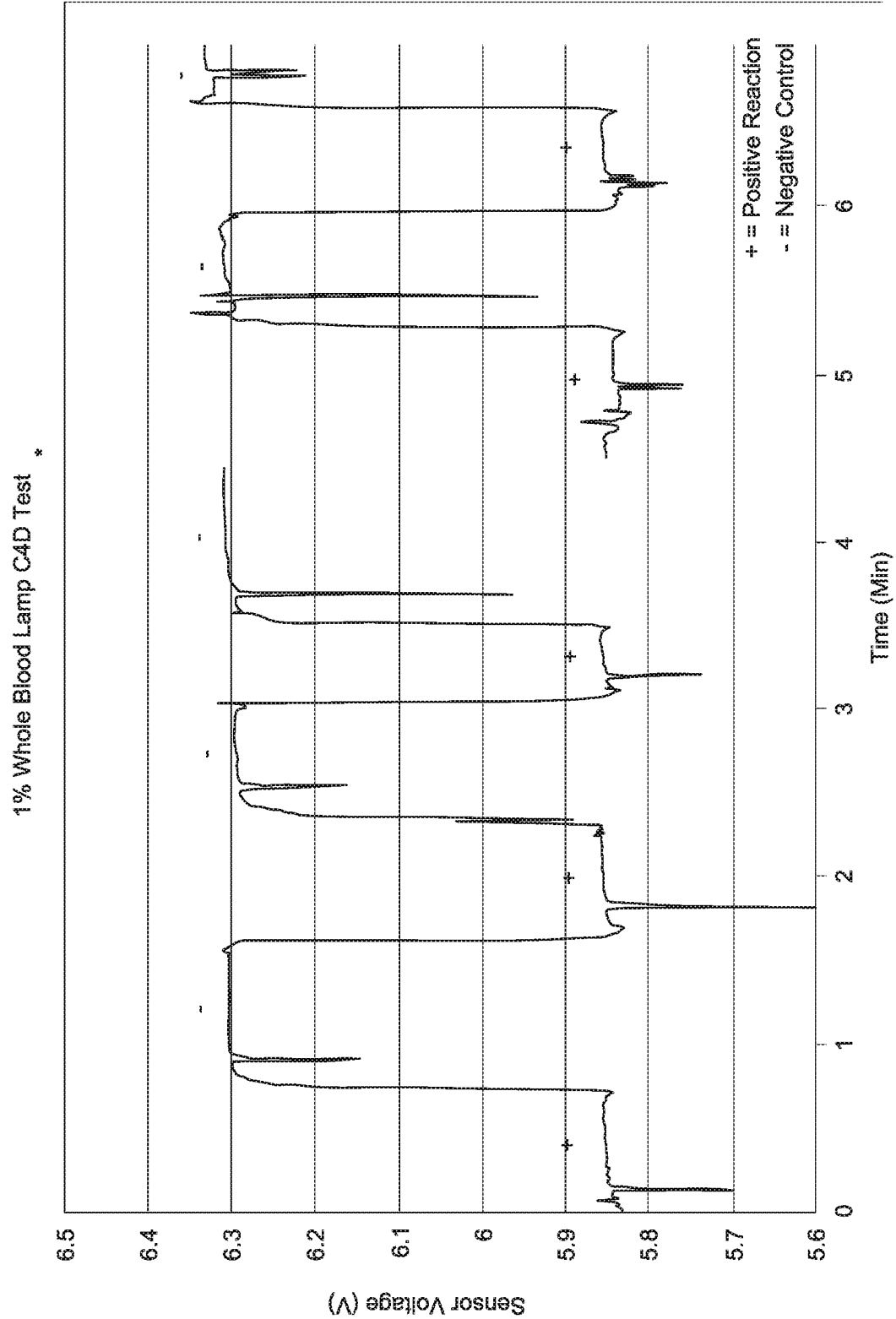


FIG. 26

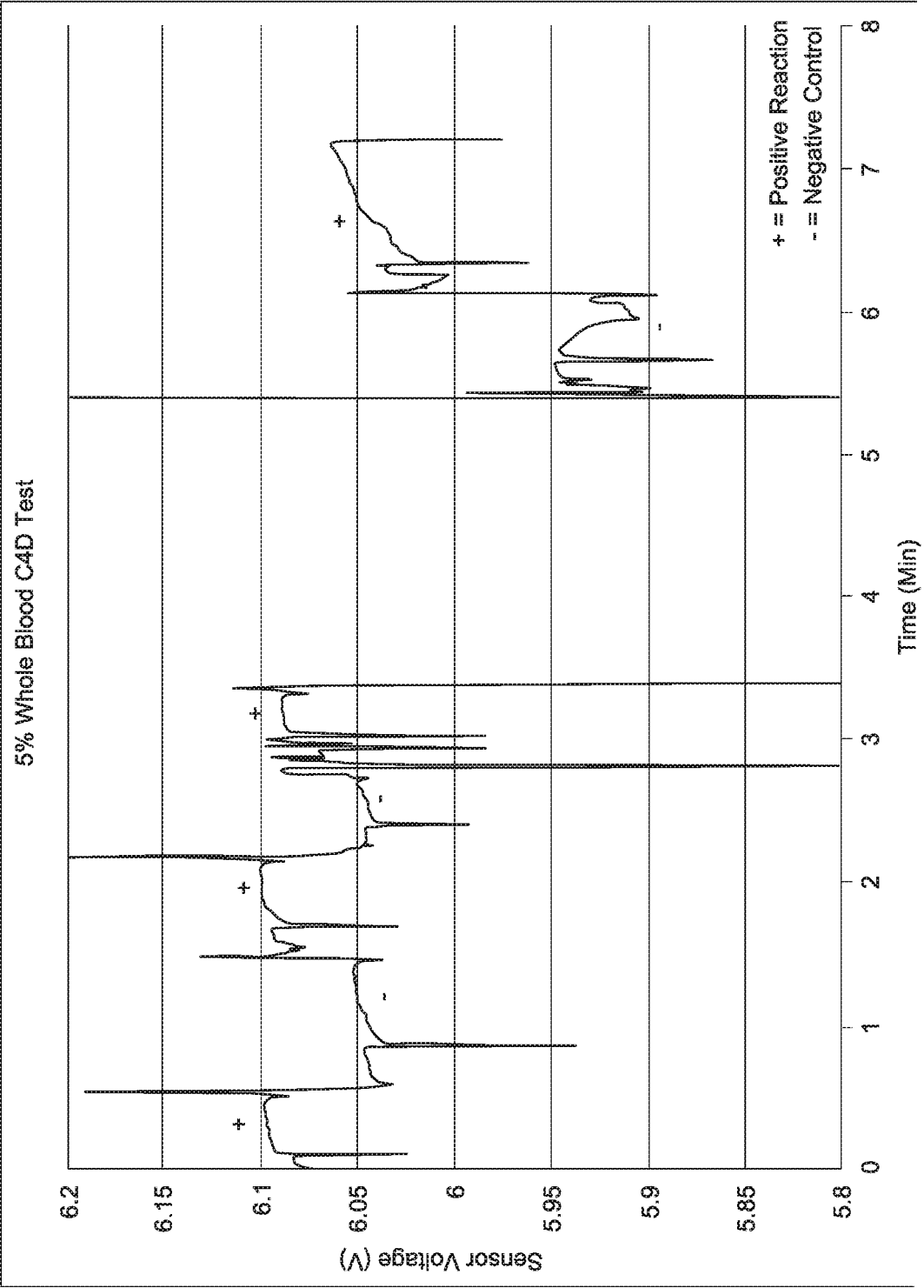


FIG. 27

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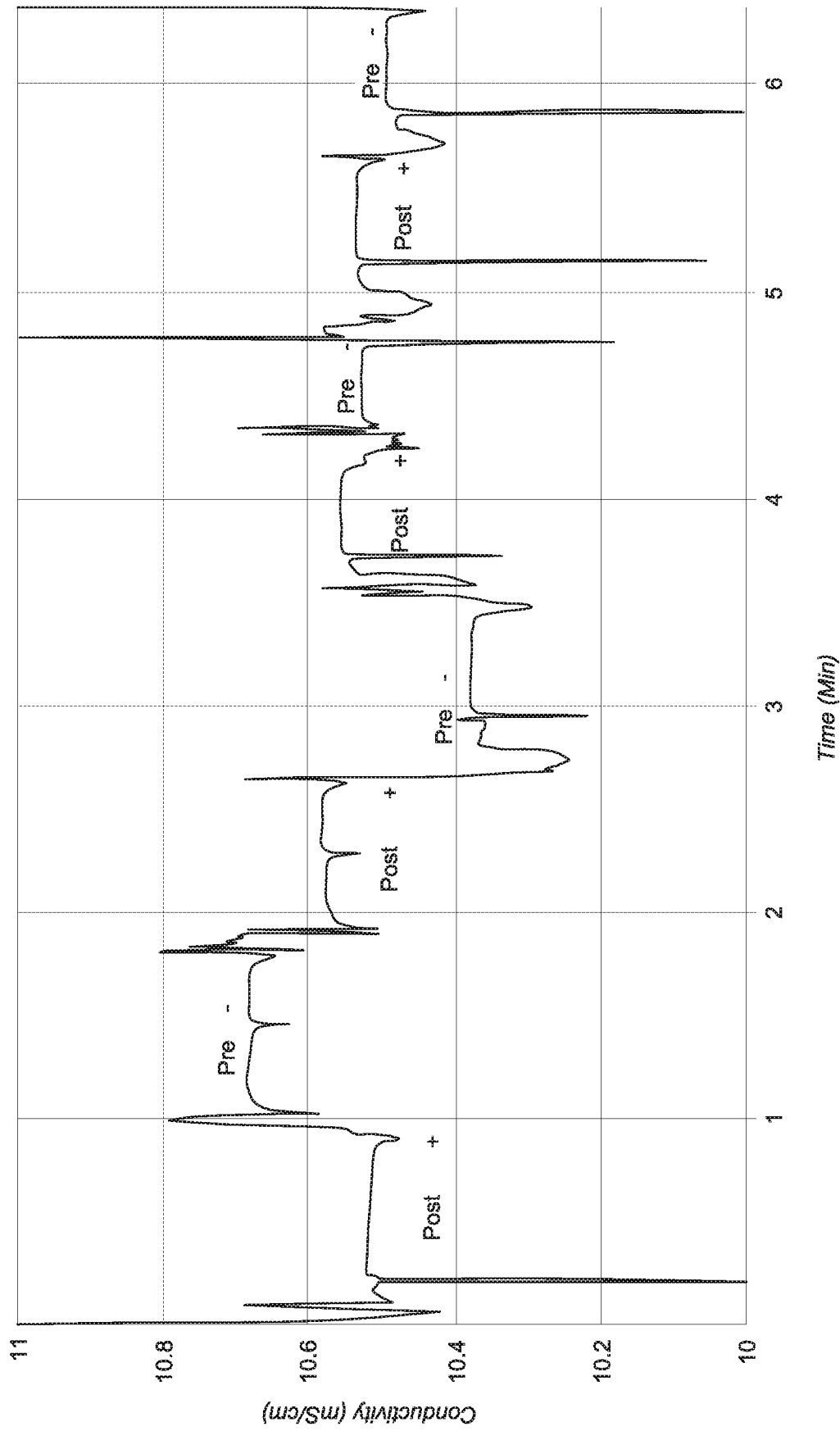


FIG. 28



FIG. 29

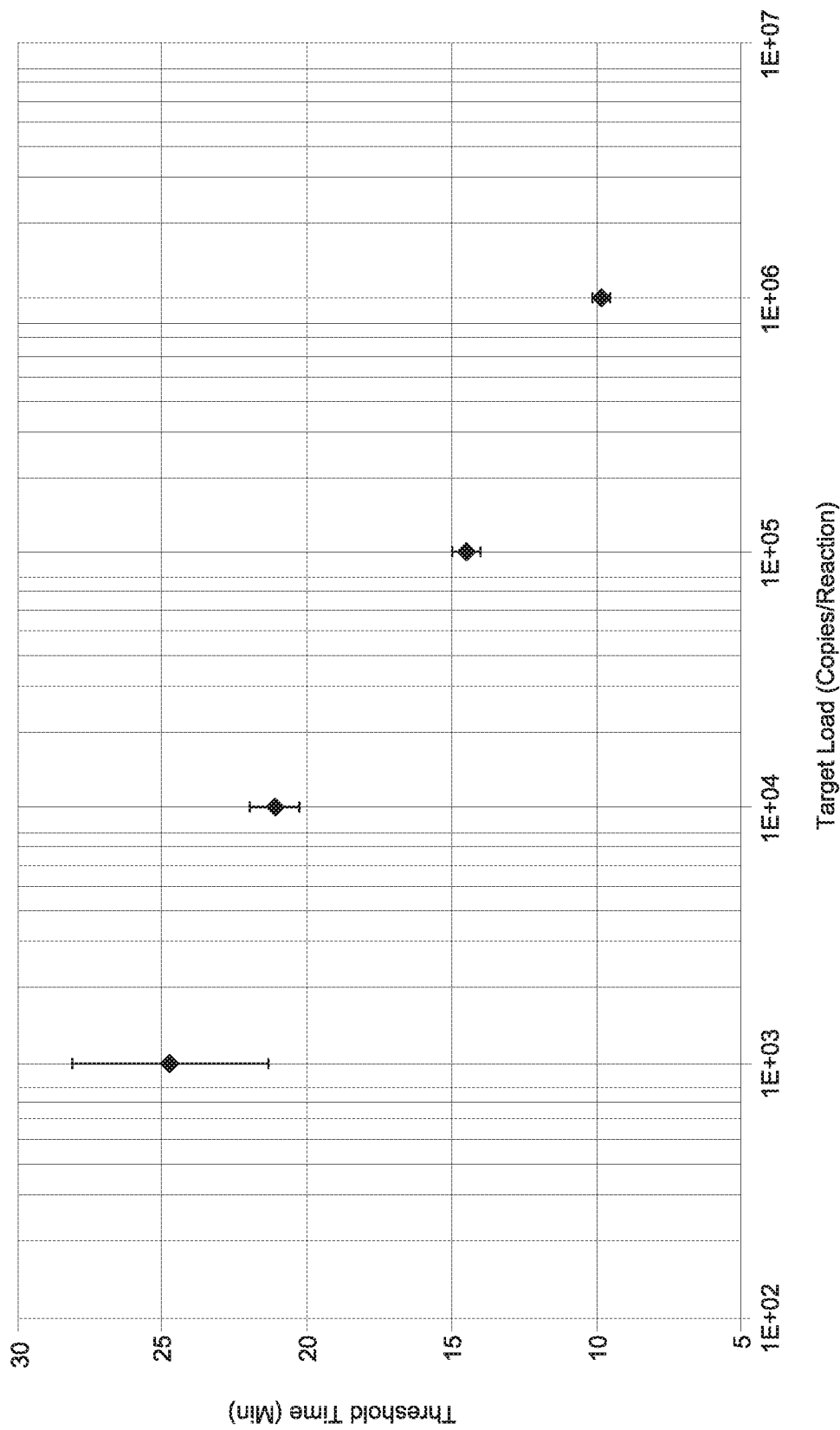


FIG. 30

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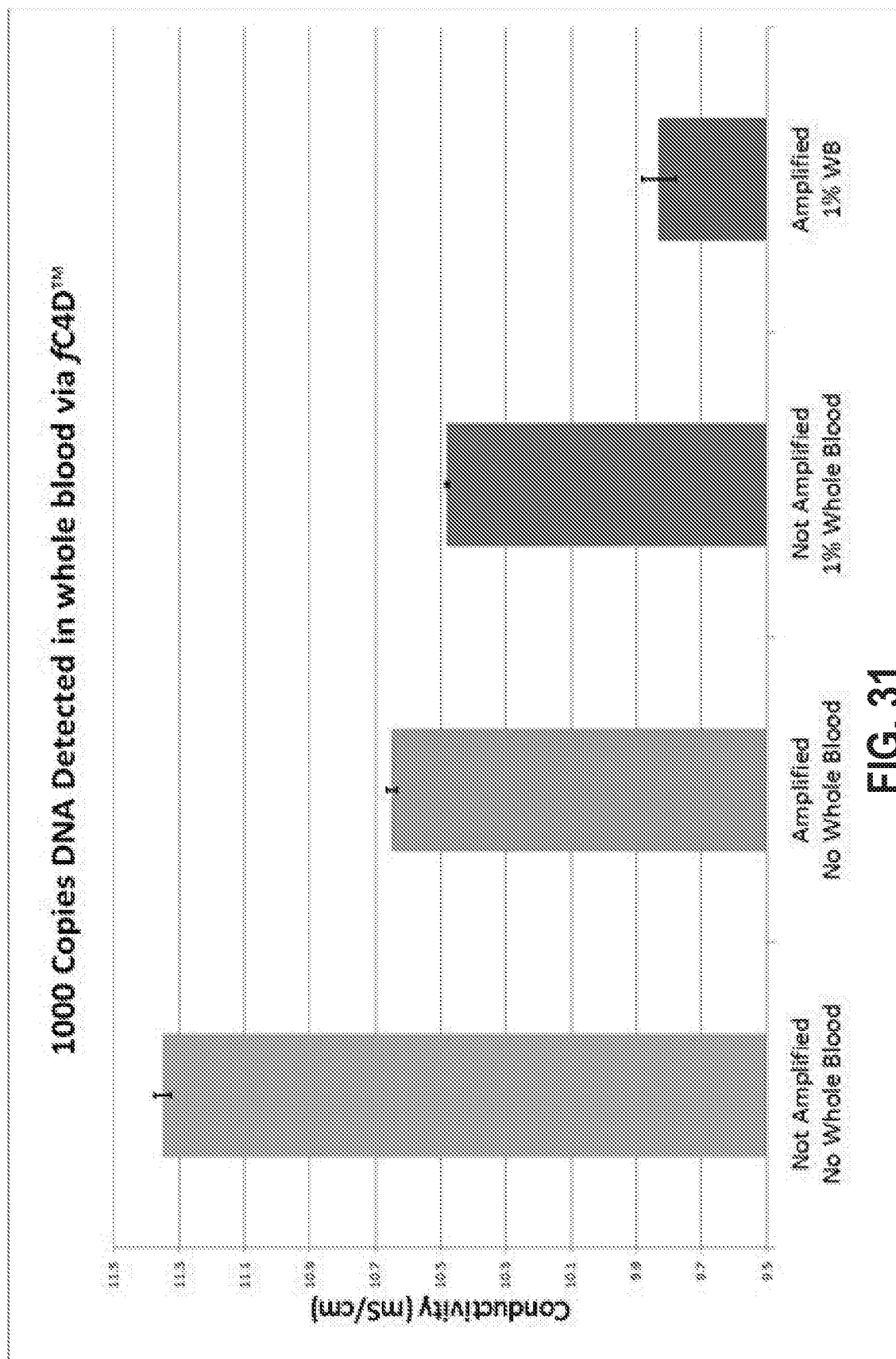


FIG. 31

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MAIA Detection Hepatitis B Surface Antigen (HBsAg)

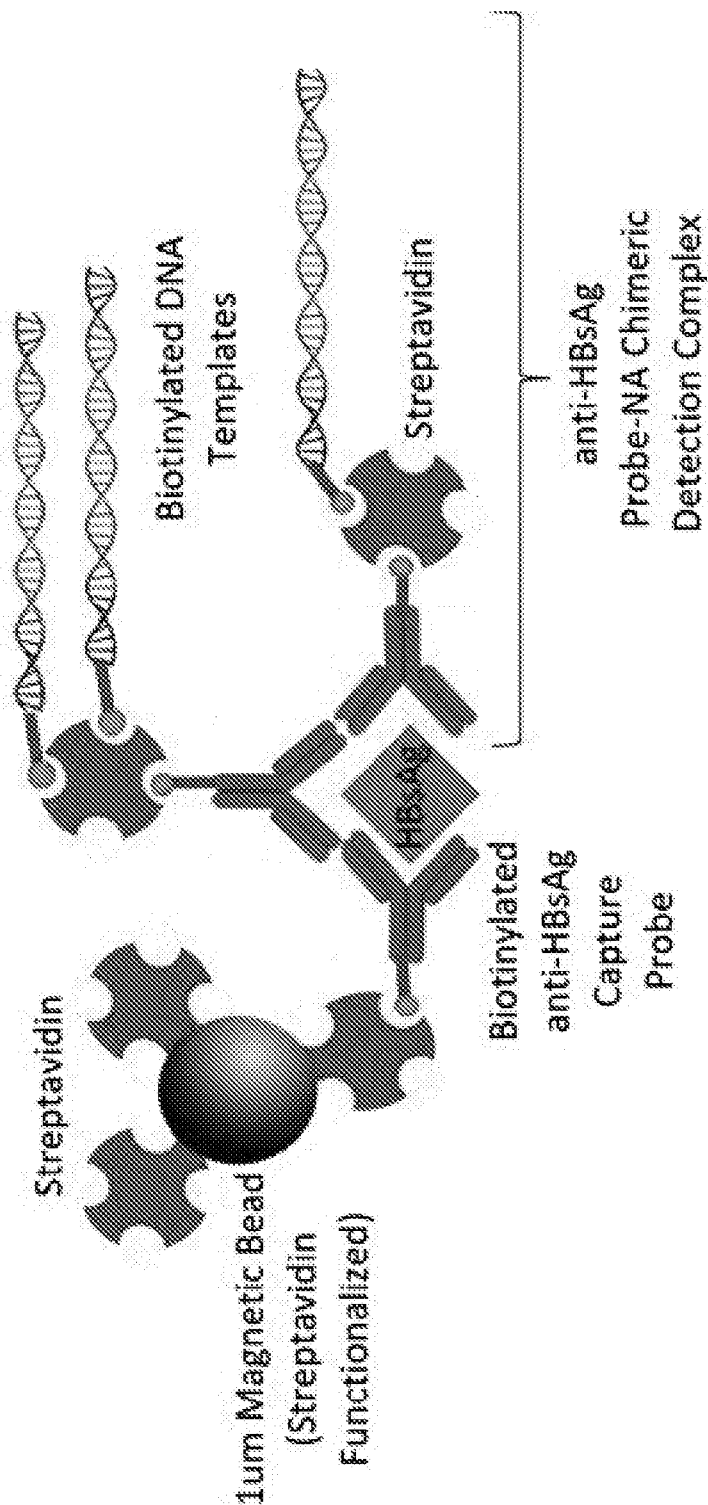


FIG. 32

MAIA Detection Hepatitis B Surface Antigen (HBsAg)

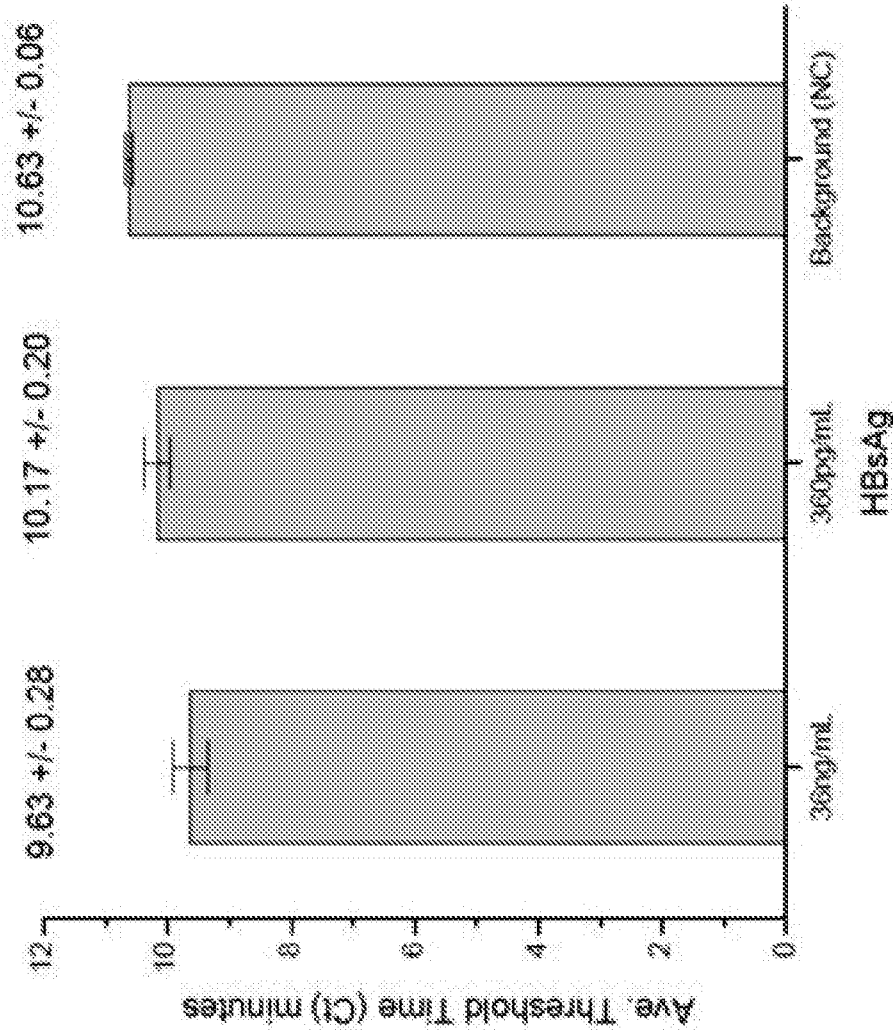


FIG. 33

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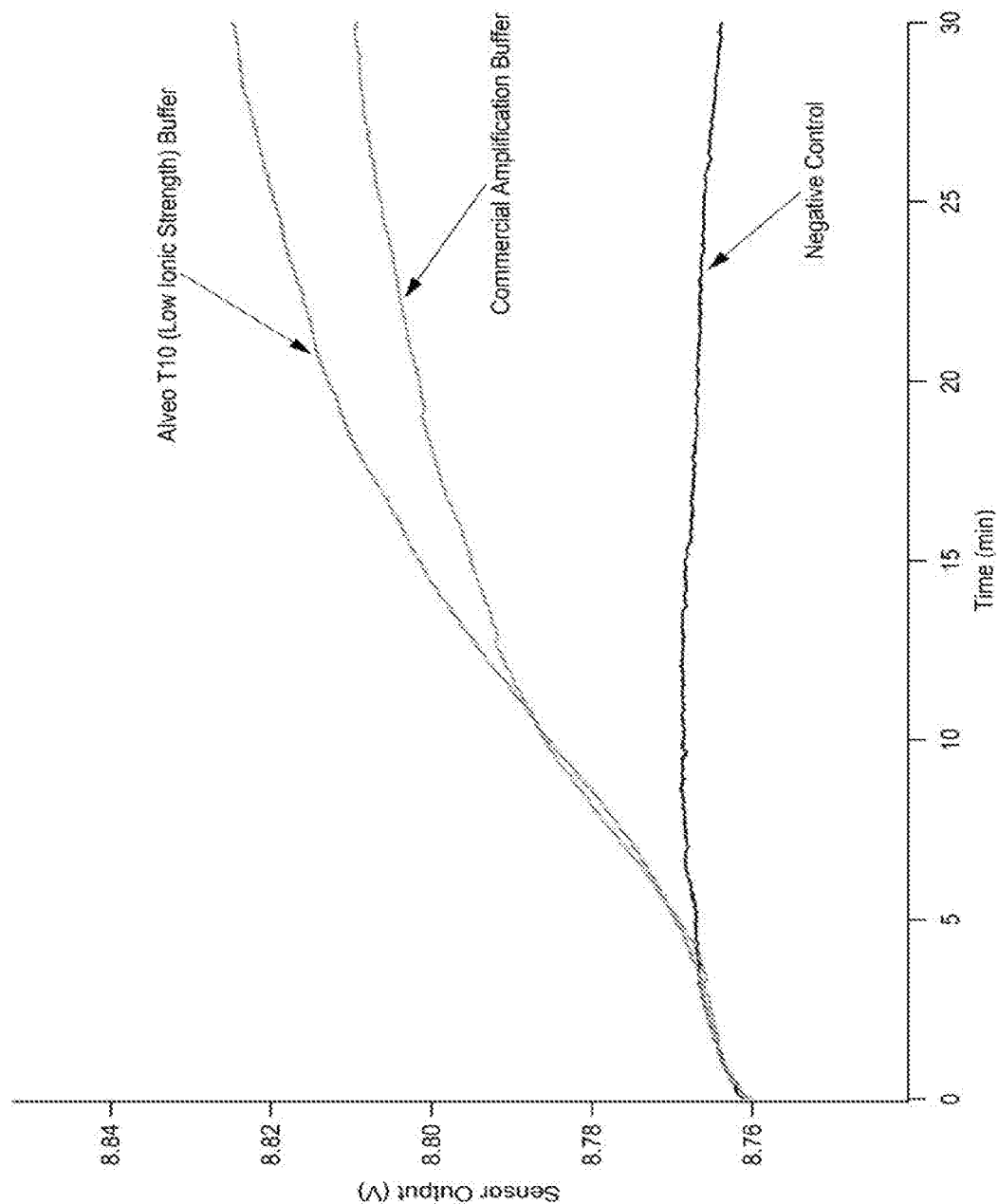


FIG. 34

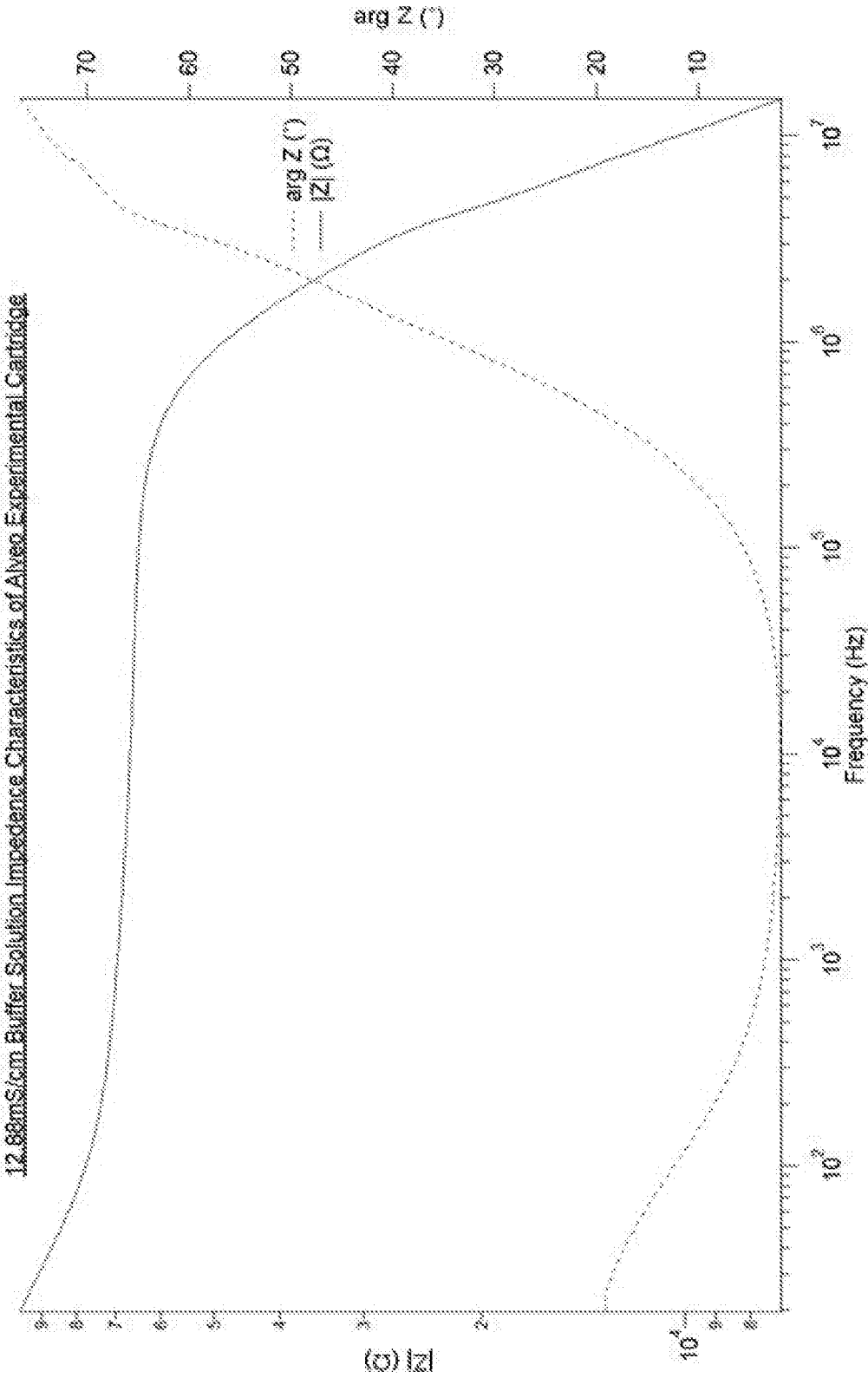


FIG. 35

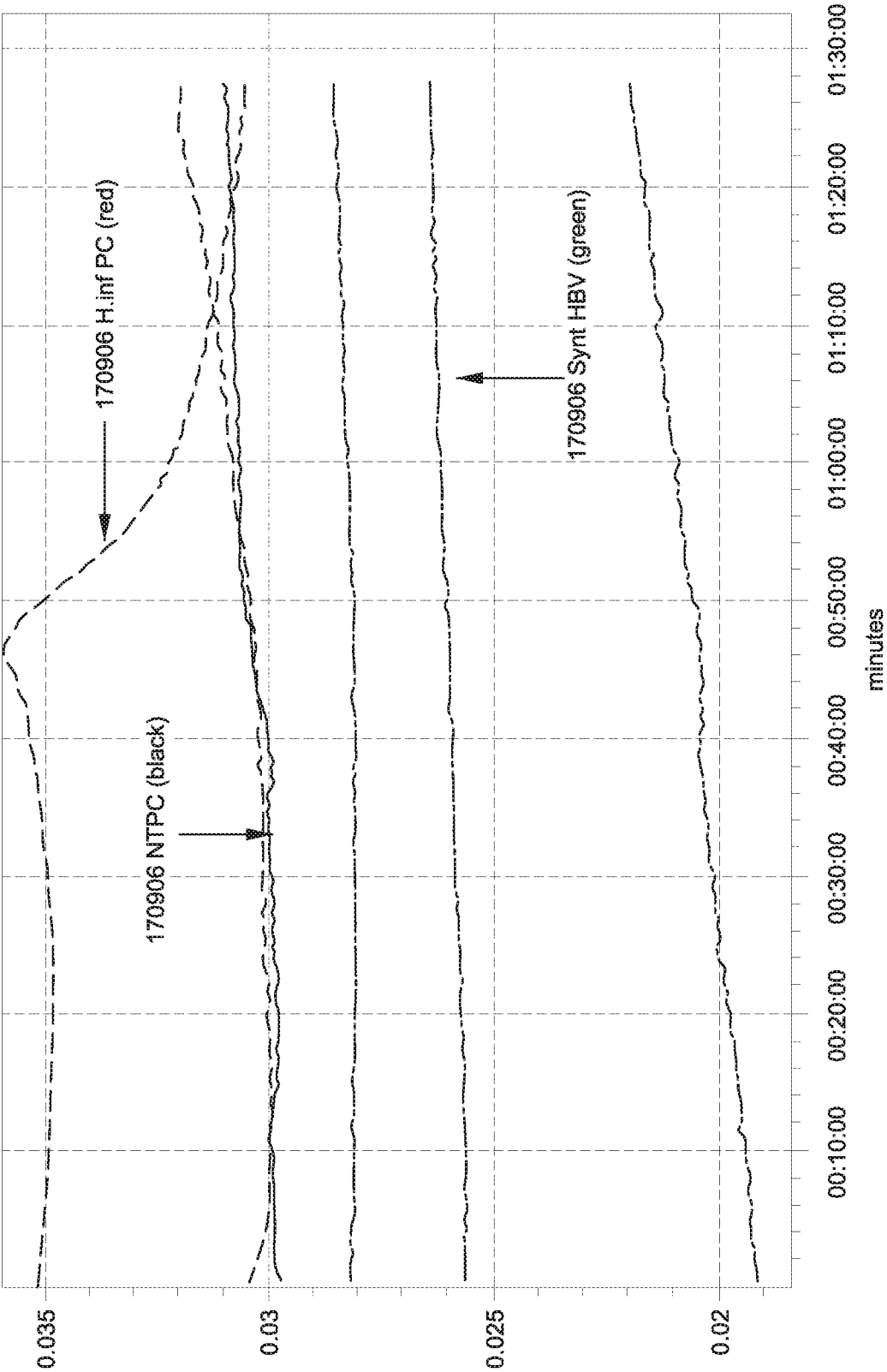


FIG. 36A

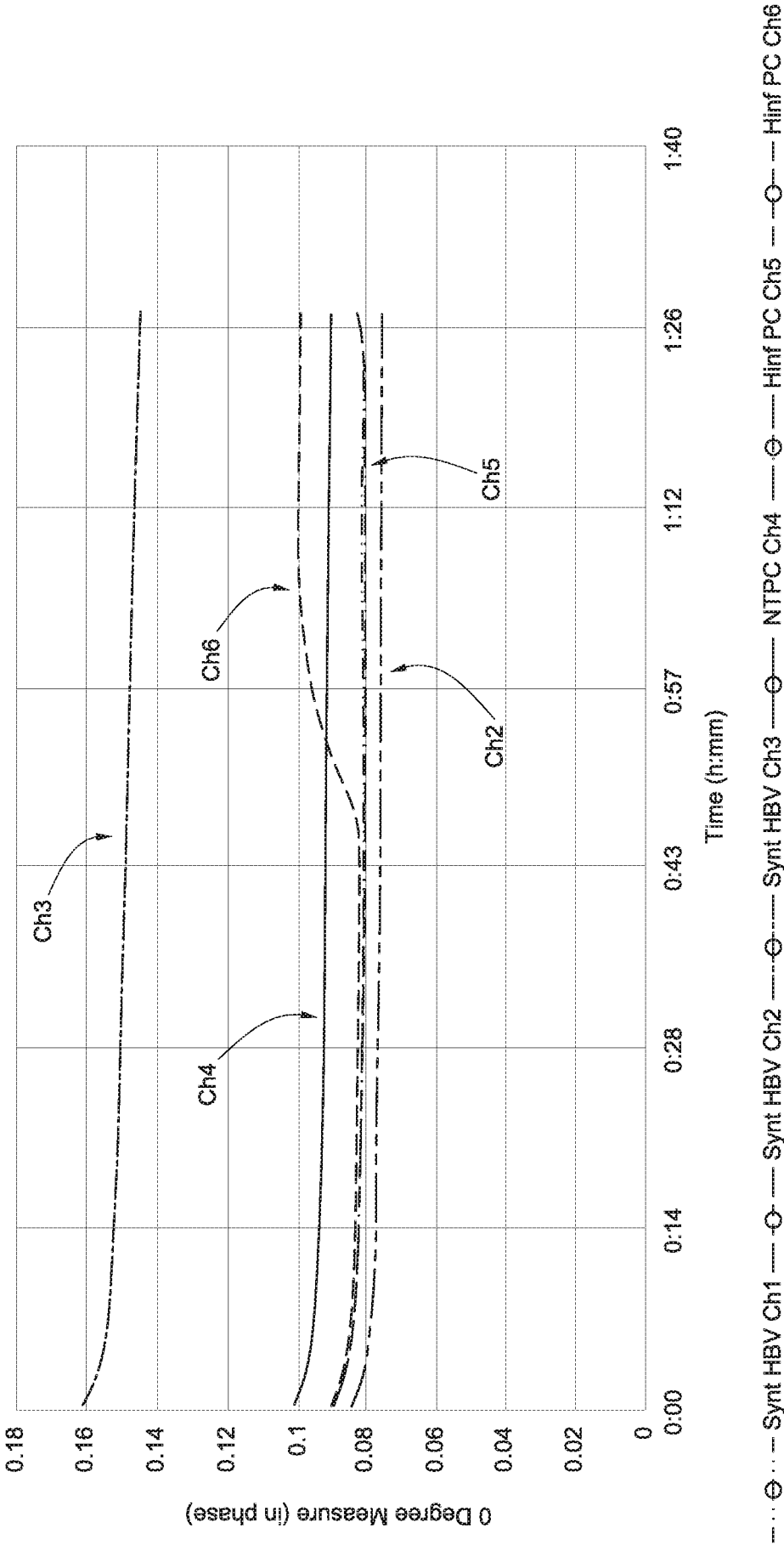


FIG. 36B

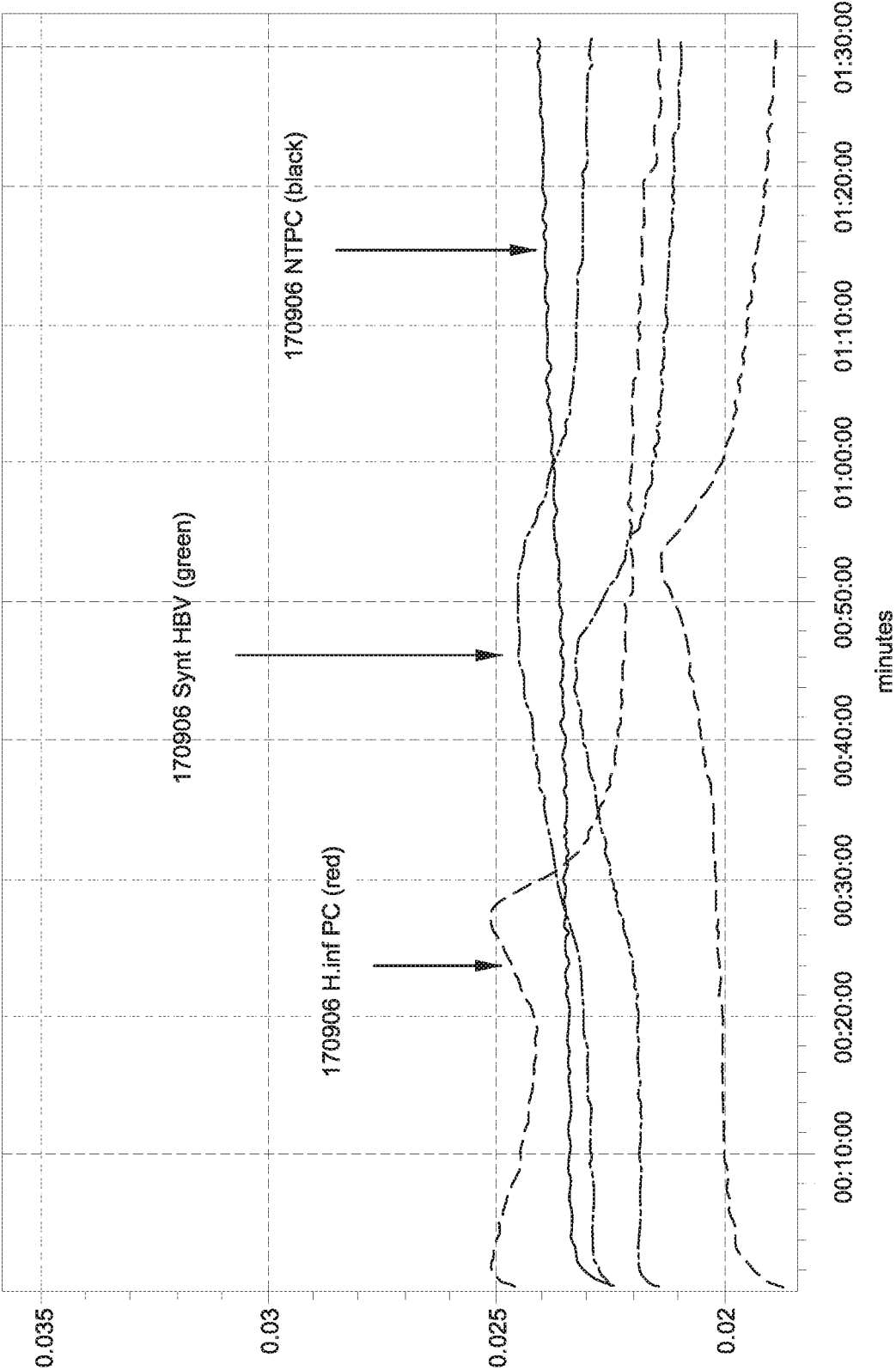


FIG. 36C

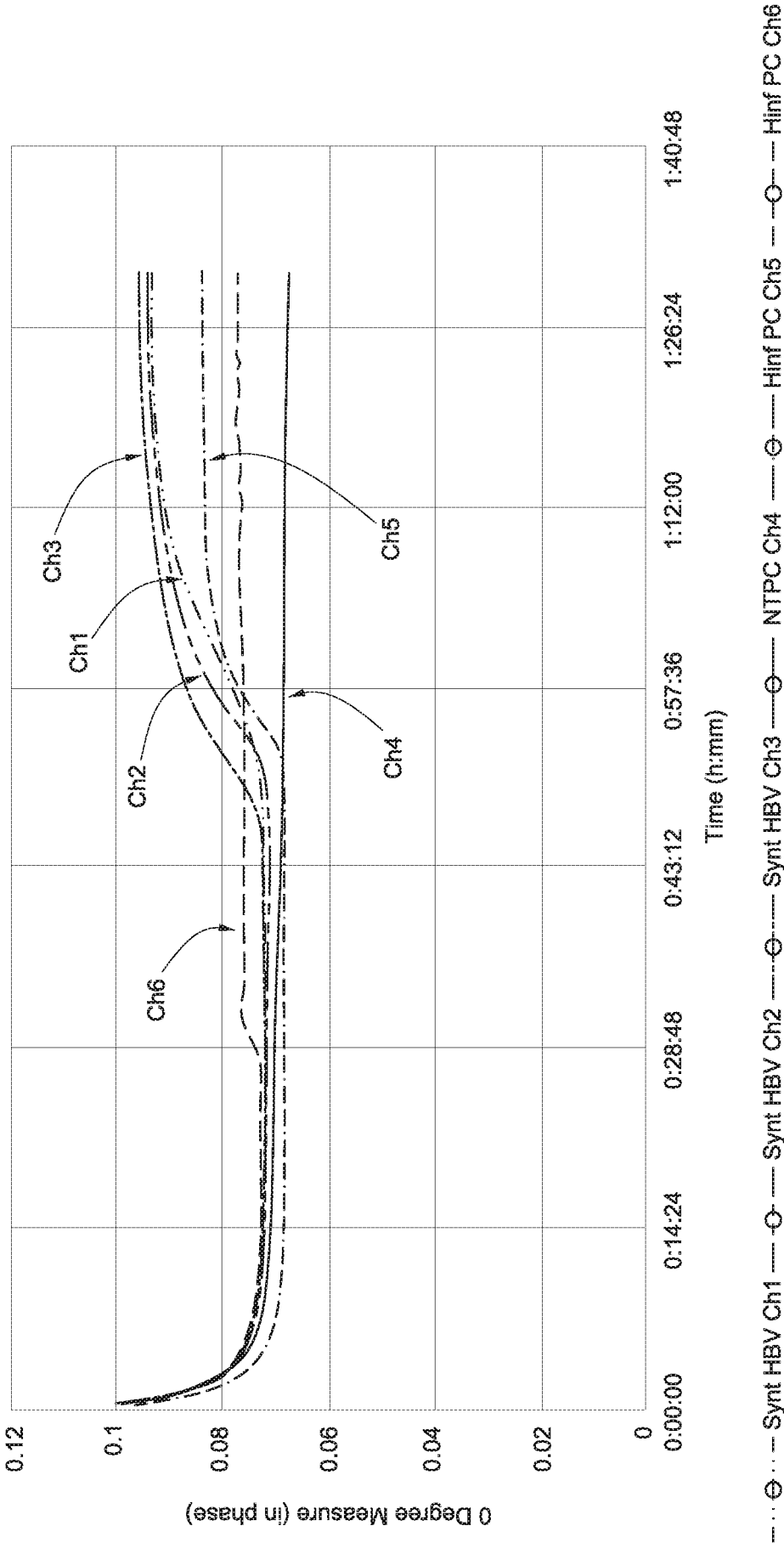


FIG. 36D

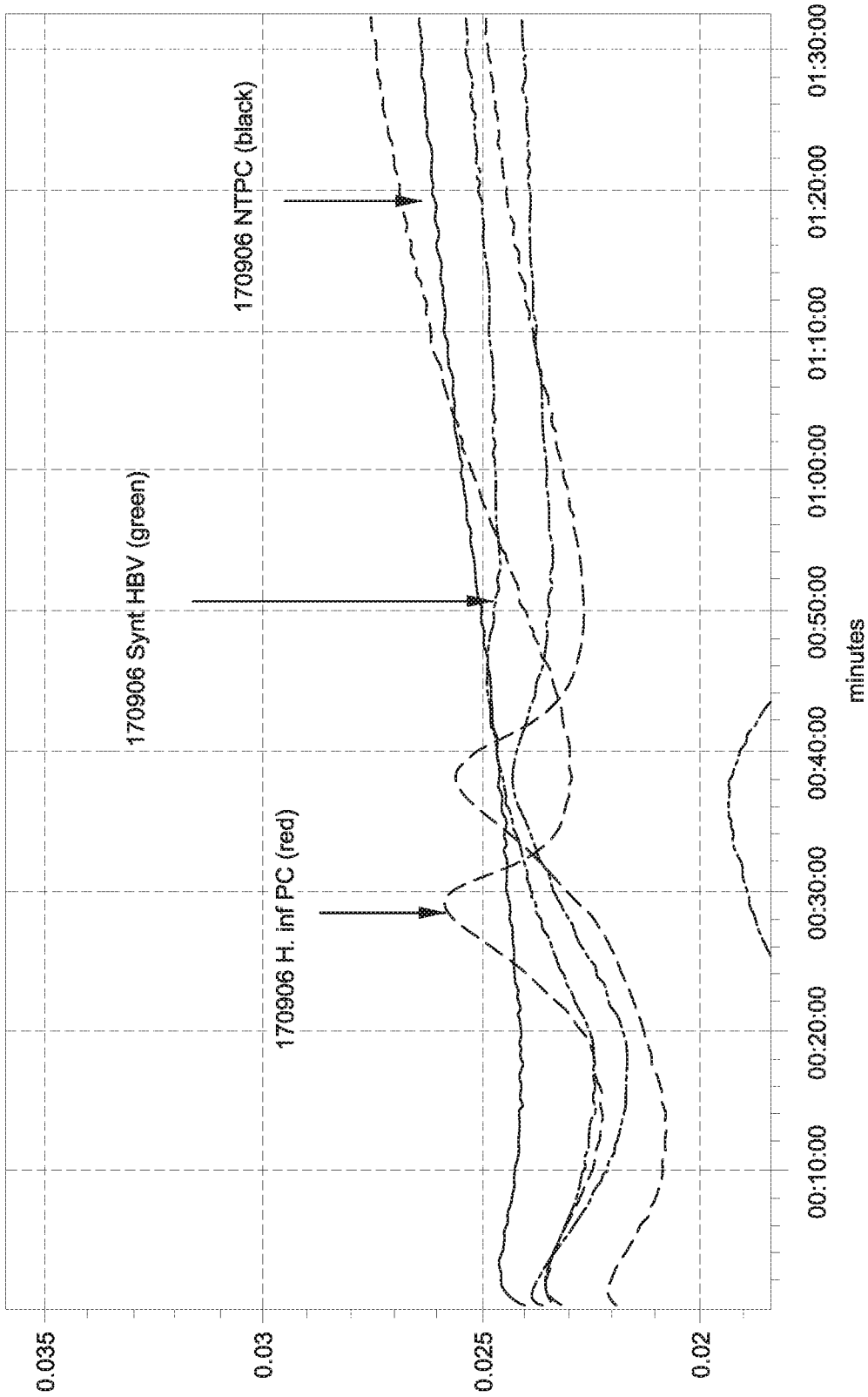


FIG. 36E

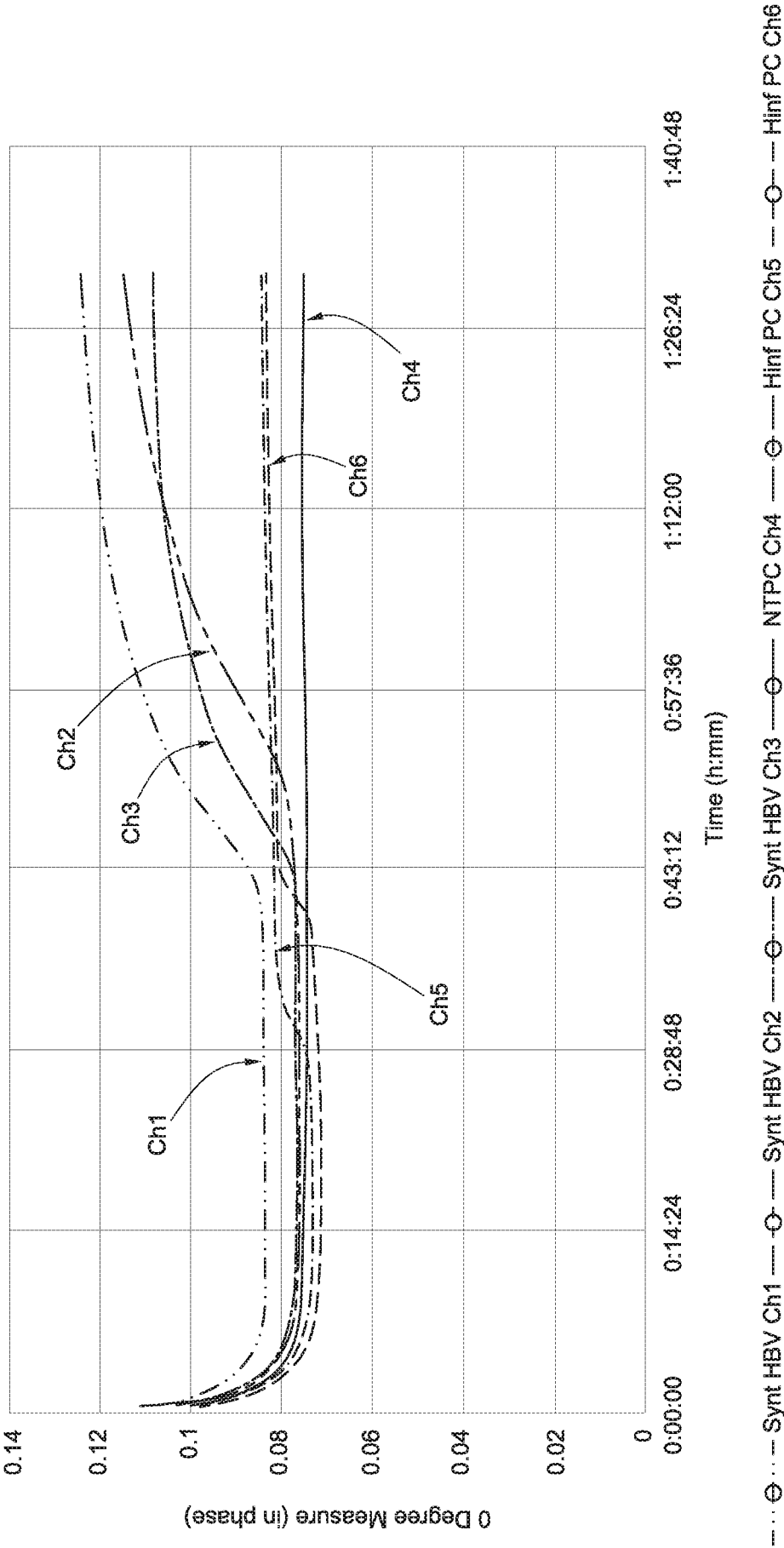


FIG. 36F