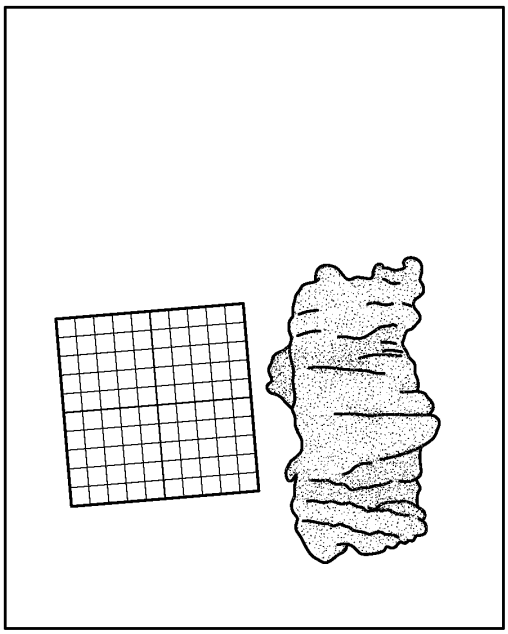
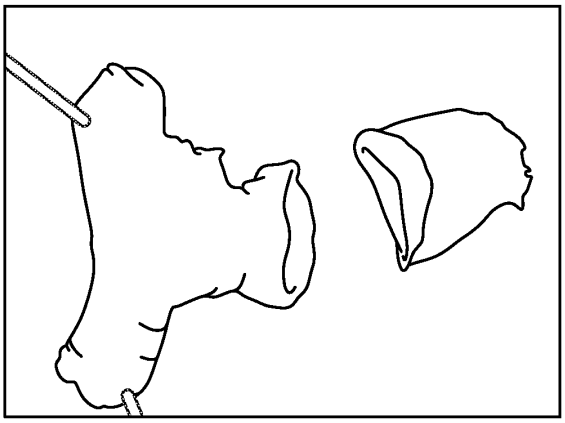




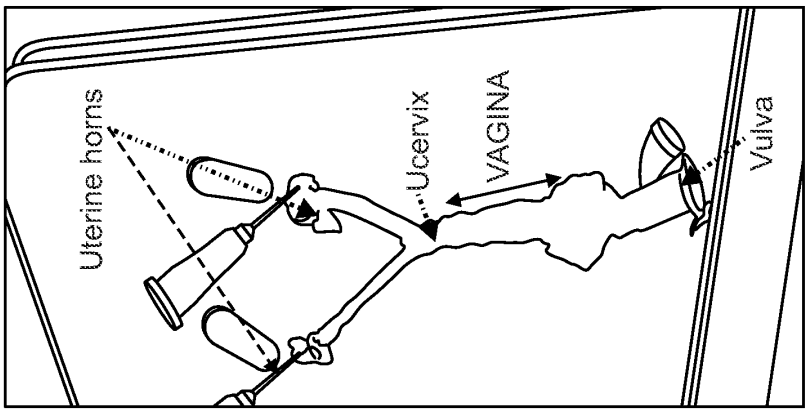


FIGURE 1

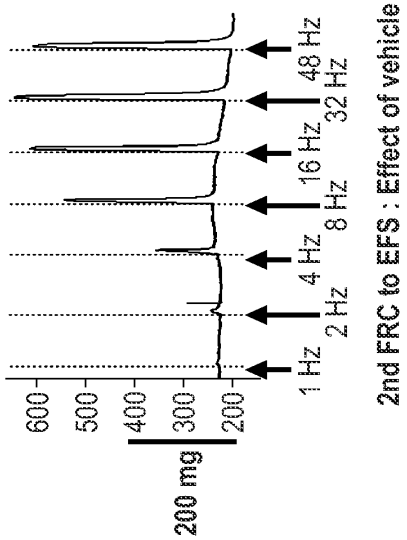


FIGURE 2A

FIGURE 2B

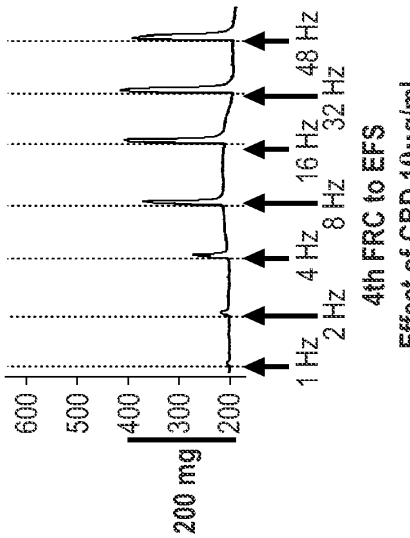


FIGURE 2C

FIGURE 2D

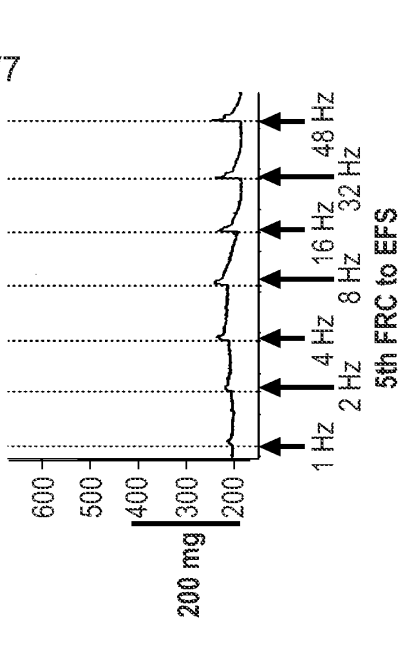


FIGURE 2E

FIGURE3A

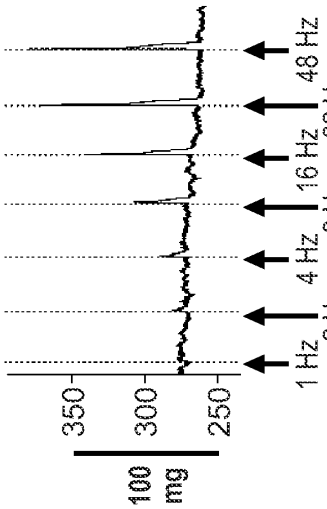


FIGURE 3B

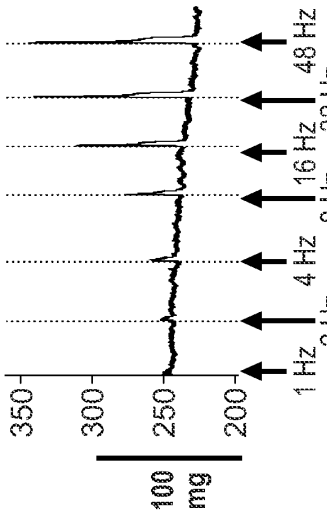


FIGURE 3C

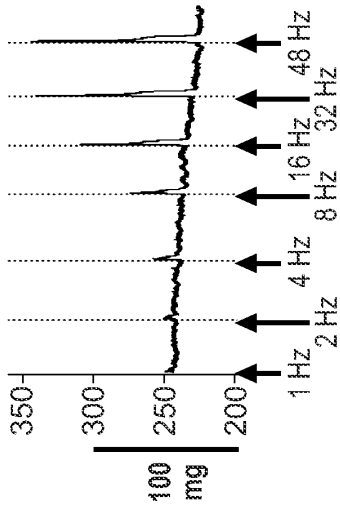


FIGURE 3D

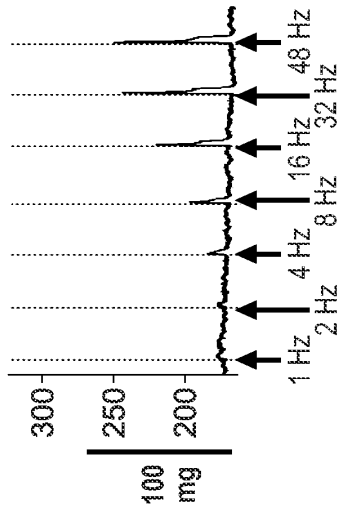
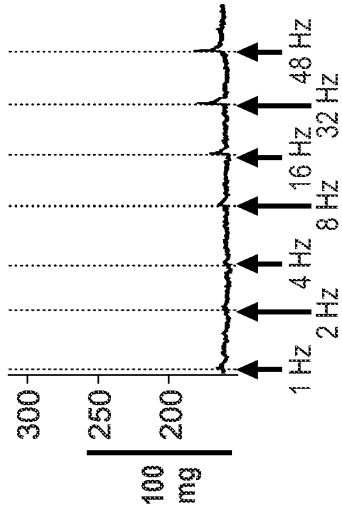


FIGURE 3E



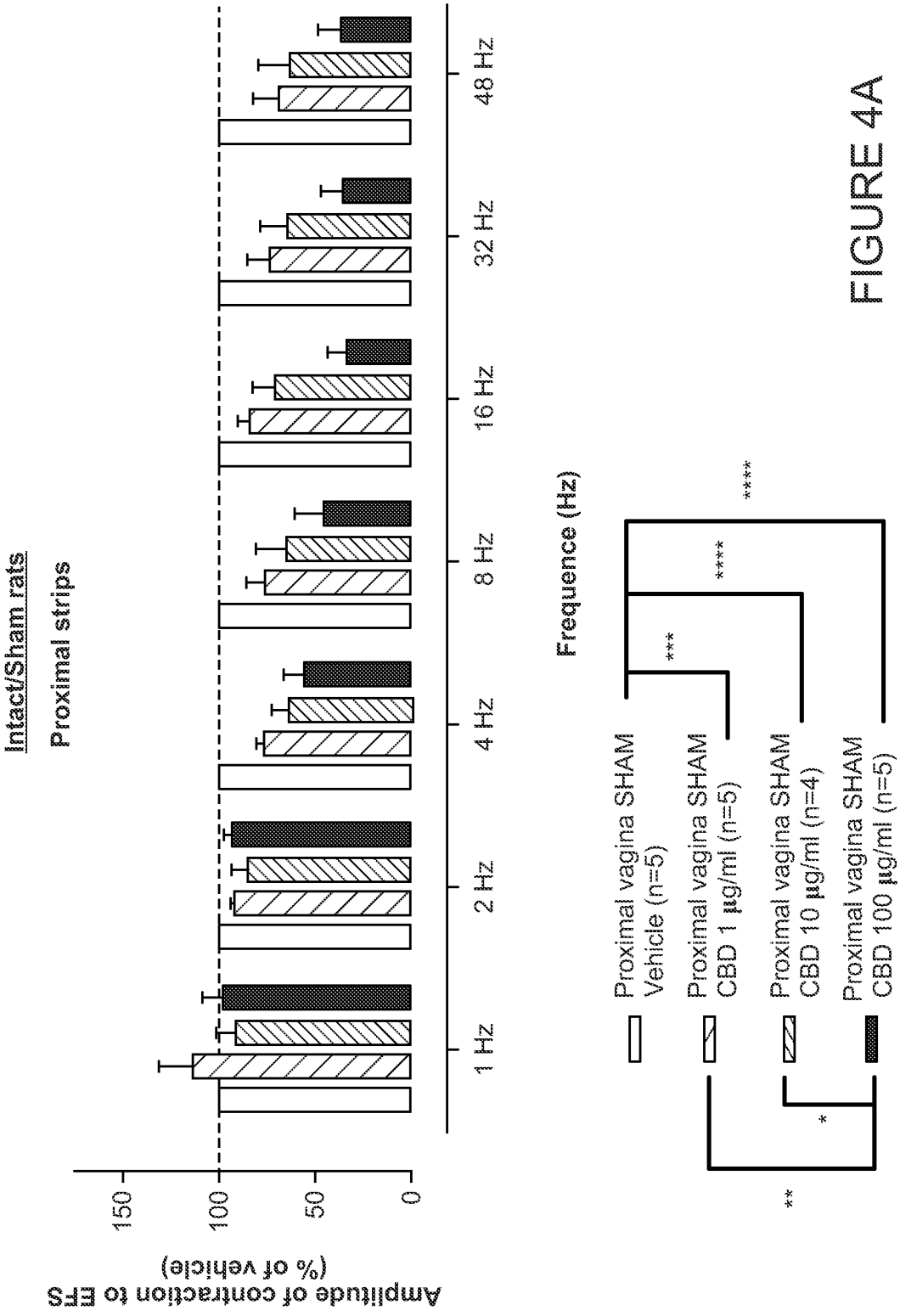

Intact/Sham rats
Proximal strips
Amplitude of contraction to EFS
(% of vehicle)
150
100
50
0
1 Hz
2 Hz
4 Hz
8 Hz
16 Hz
32 Hz
48 Hz
Frequence (Hz)
Proximal vagina SHAM
Vehicle (n=5)
Proximal vagina SHAM
CBD 1 µg/ml (n=5)
Proximal vagina SHAM
CBD 10 µg/ml (n=4)
Proximal vagina SHAM
CBD 100 µg/ml (n=5)
***
****
****
*
**

FIGURE 4A

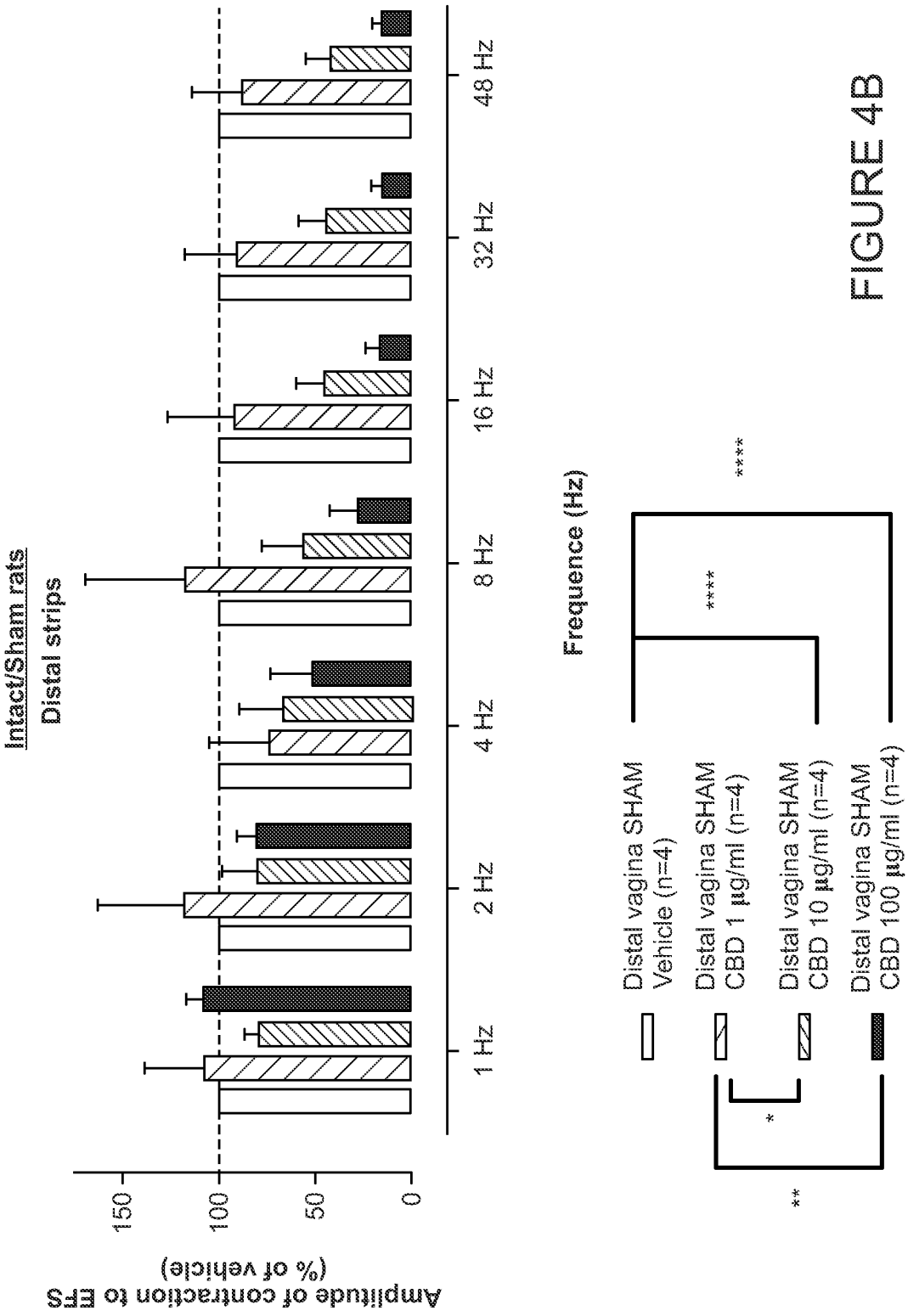

Intact/Sham rats
Distal strips
Amplitude of contraction to EFS
(% of vehicle)
150
100
50
0
1 Hz
2 Hz
4 Hz
8 Hz
16 Hz
32 Hz
48 Hz
Frequence (Hz)
Distal vagina SHAM
Vehicle (n=4)
Distal vagina SHAM
CBD 1 µg/ml (n=4)
Distal vagina SHAM
CBD 10 µg/ml (n=4)
Distal vagina SHAM
CBD 100 µg/ml (n=4)
****
****
*
**

FIGURE 4B

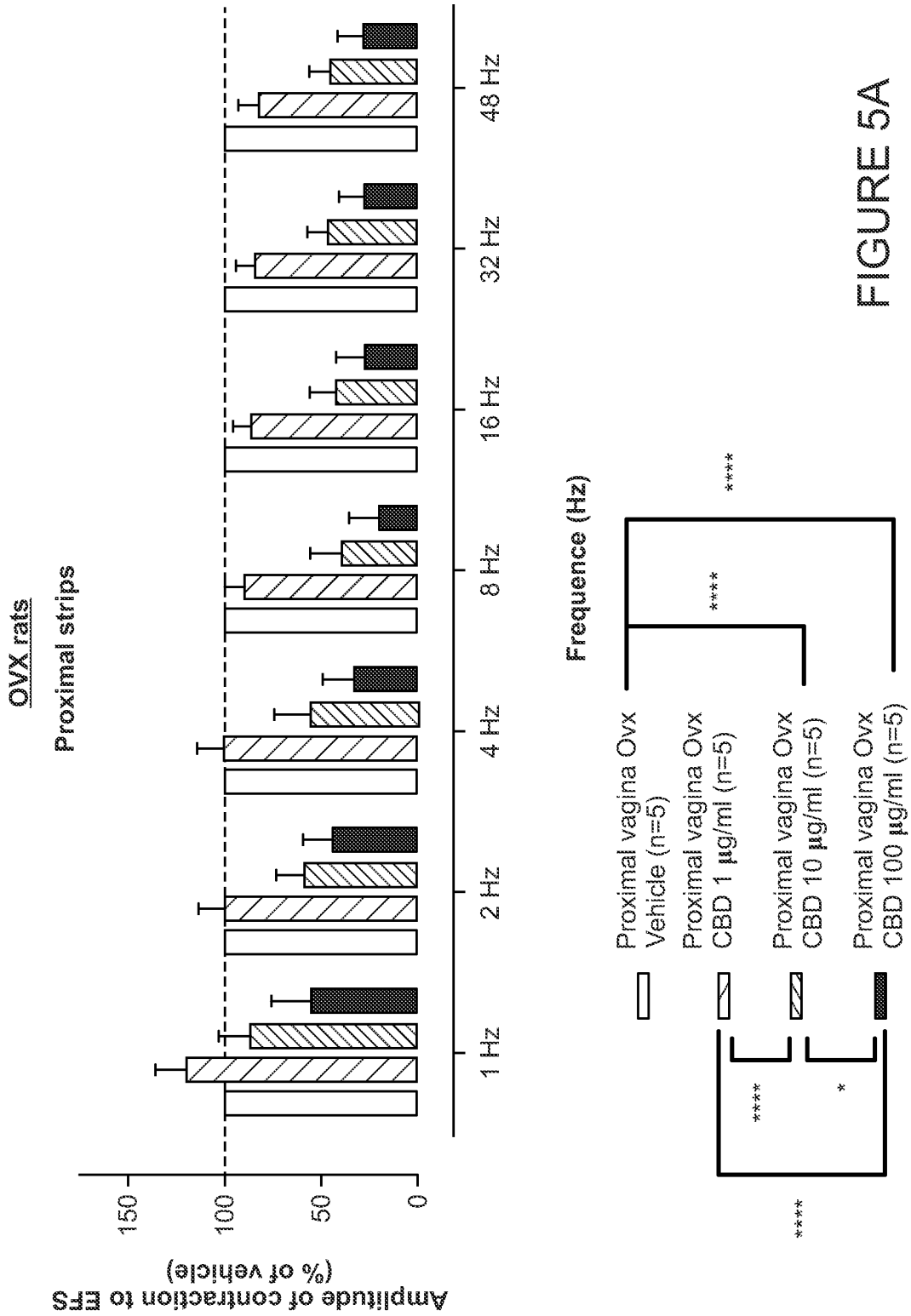
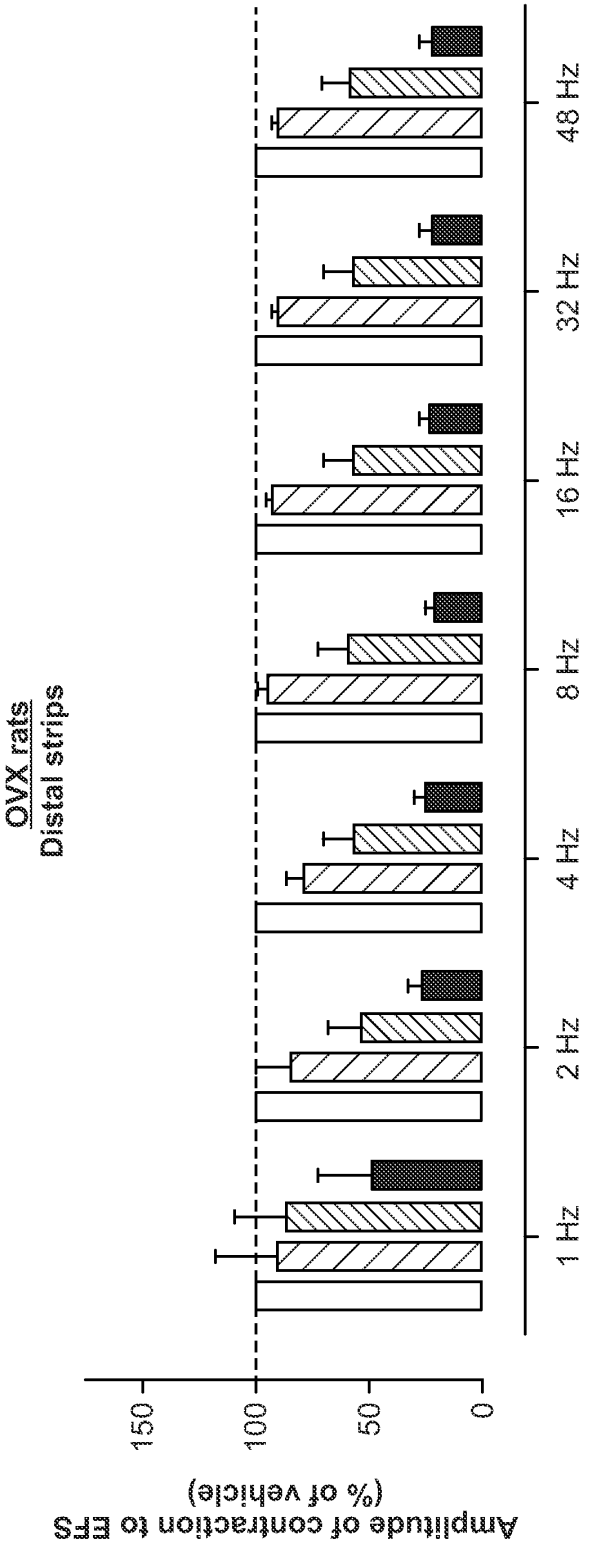

OVX rats
Proximal strips
Amplitude of contraction to EFS
(% of vehicle)
150
100
50
0
1 Hz
2 Hz
4 Hz
8 Hz
16 Hz
32 Hz
48 Hz
Frequence (Hz)
Proximal vagina Ovx
Vehicle (n=5)
Proximal vagina Ovx
CBD 1 µg/ml (n=5)
Proximal vagina Ovx
CBD 10 µg/ml (n=5)
Proximal vagina Ovx
CBD 100 µg/ml (n=5)
****
****
****
*
****

FIGURE 5A


OVX rats
Distal strips
Amplitude of contraction to EFS
(% of vehicle)
150
100
50
0
1 Hz
2 Hz
4 Hz
8 Hz
16 Hz
32 Hz
48 Hz


Frequence (Hz)
Distal vagina Ovx
Vehicle (n=6)
Distal vagina Ovx
CBD 1 µg/ml (n=6)
Distal vagina Ovx
CBD 10 µg/ml (n=6)
Distal vagina Ovx
CBD 100 µg/ml (n=6)
*
****
****
***
****
****

FIGURE 5B