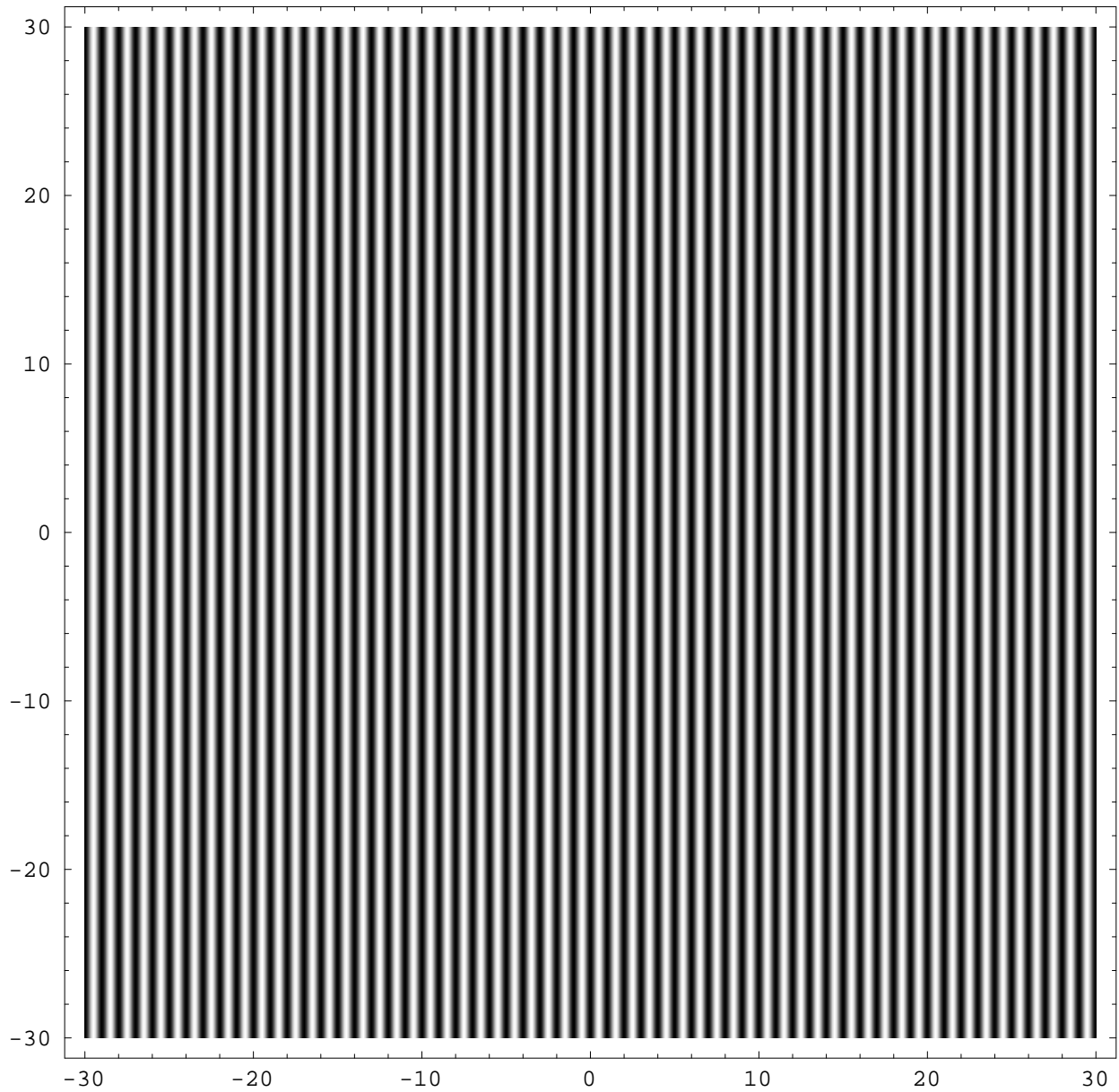


```
xmax = 30
```

```
30
```

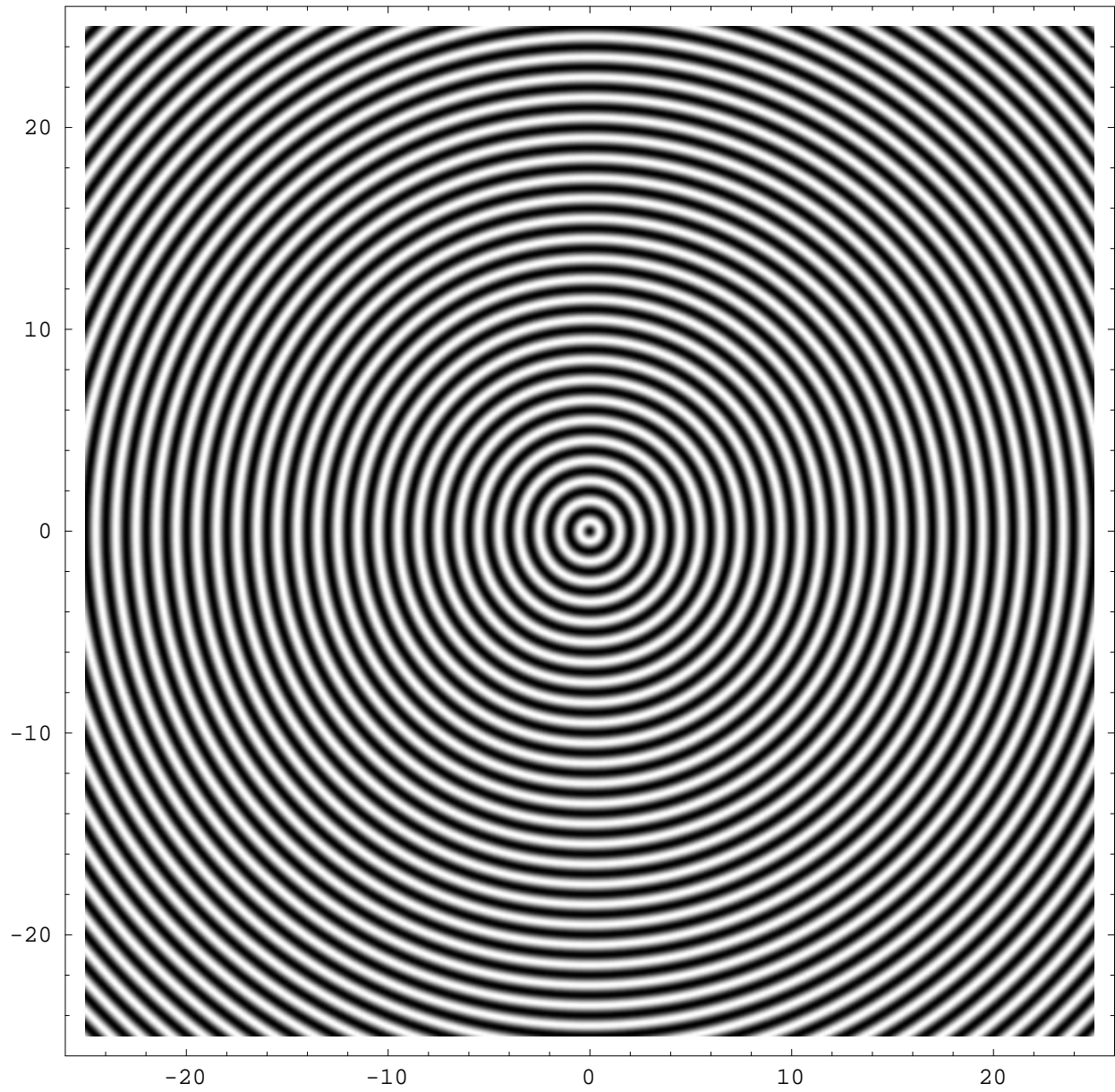
```
DensityPlot[Sin[x  $\pi$ ]2, {x, -xmax, xmax}, {y, -xmax, xmax}, PlotPoints -> 600,  
Mesh -> False];
```



```
xmax = 25
```

```
25
```

```
DensityPlot[Sin[Sqrt[x^2 + y^2] Pi]^2, {x, -xmax, xmax}, {y, -xmax, xmax},  
PlotPoints -> 600, Mesh -> False];
```



```
xmax = 5
```

```
5
```

```
DensityPlot[Sin[(x2 + y2) π]2, {x, -xmax, xmax}, {y, -xmax, xmax}, PlotPoints → 600,  
Mesh -> False];
```

