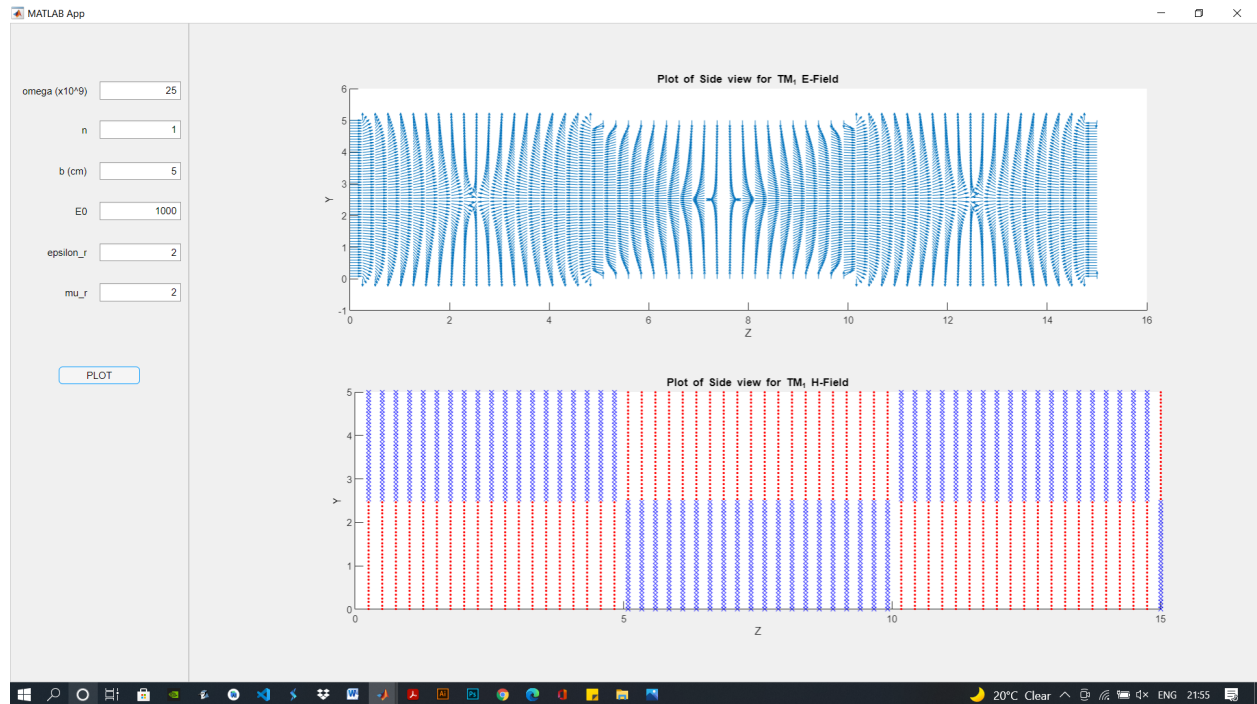
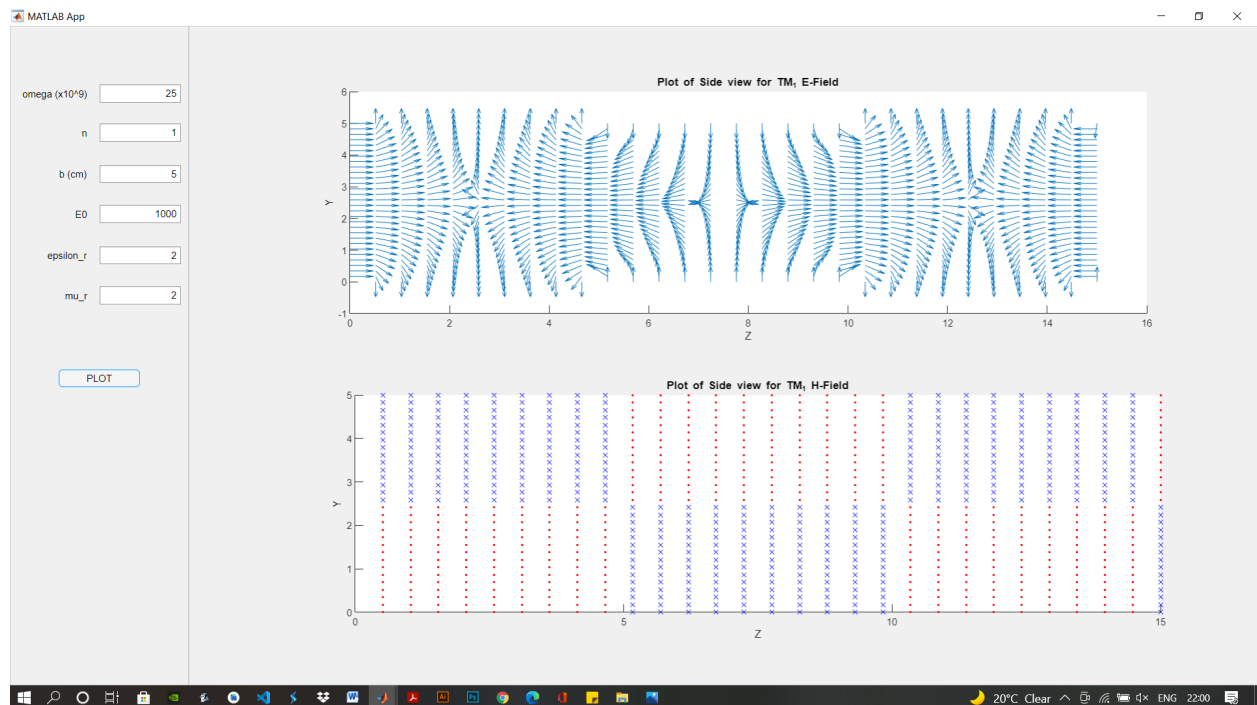


## Plots:

$n=1$ , number of points plotted = 60



$n=1$ , number of points plotted = 30



For TM1:

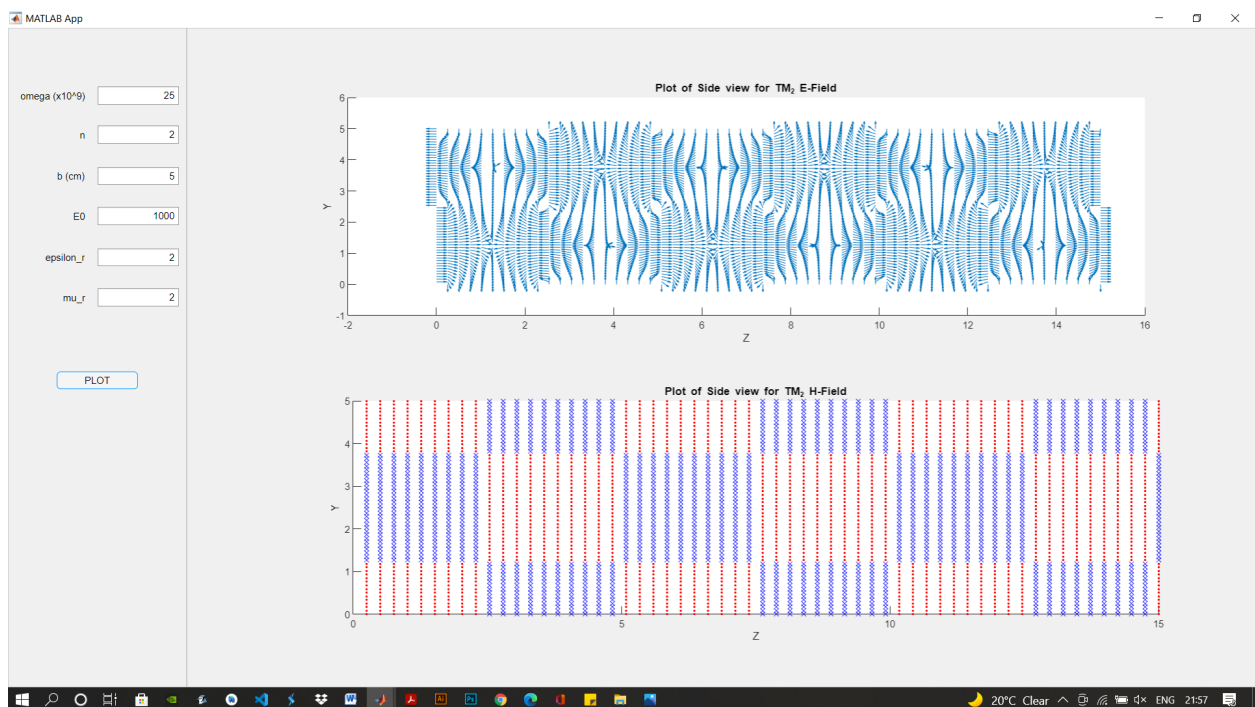
```
ans =
```

```
'The frequency of operation is up to: 3.9789e+09'
```

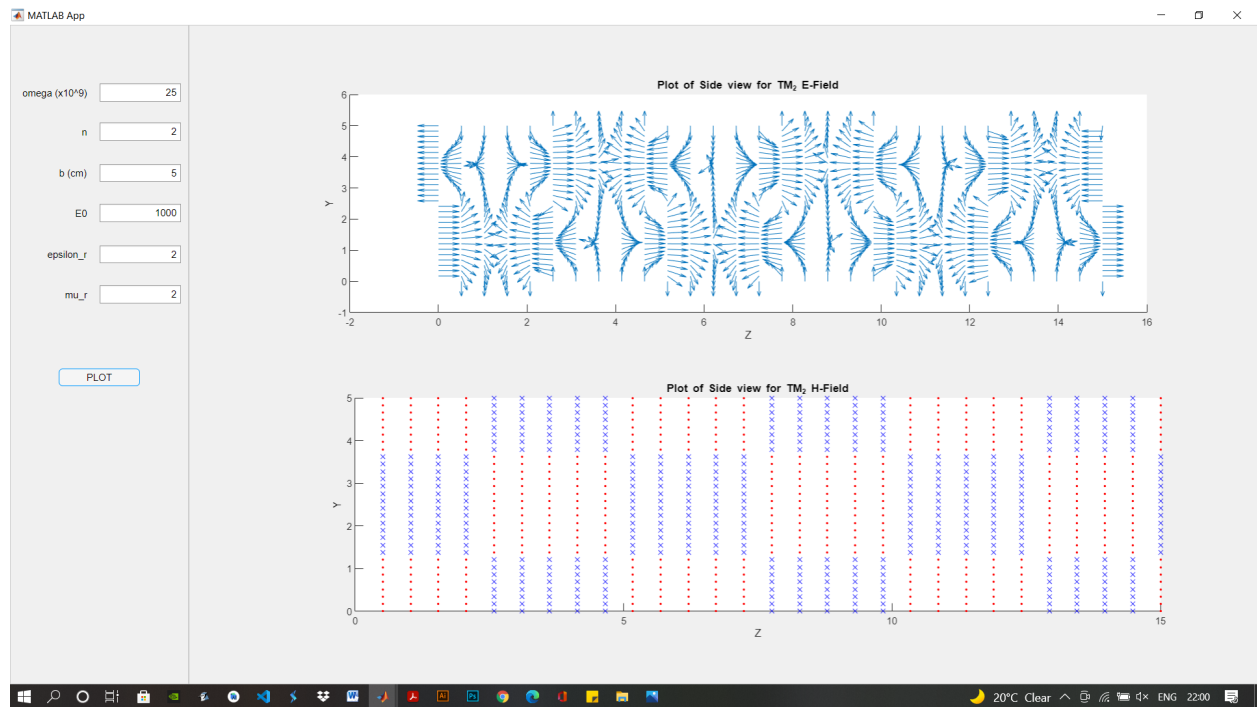
```
ans =
```

```
'The cutoff frequency is: 1.5033e+09'
```

$n=2$ , number of points plotted = 60



$n=2$ , number of points plotted = 30



For TM<sub>2</sub>:

```
ans =
```

```
'The frequency of operation is up to: 3.9789e+09'
```

```
ans =
```

```
'The cutoff frequency is: 3.0066e+09'
```

```
>> |
```

$n=0$ , number of points plotted = 30

TM<sub>0</sub>=TEM:

