

Homework 11 - Joshua Gould

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X-Band Plot

```
openfig('plot.fig')
fprintf('The targets traveling 200 m/s and 500 m/s are visible, but the target moving 600 m/s
        is not visible.')
```

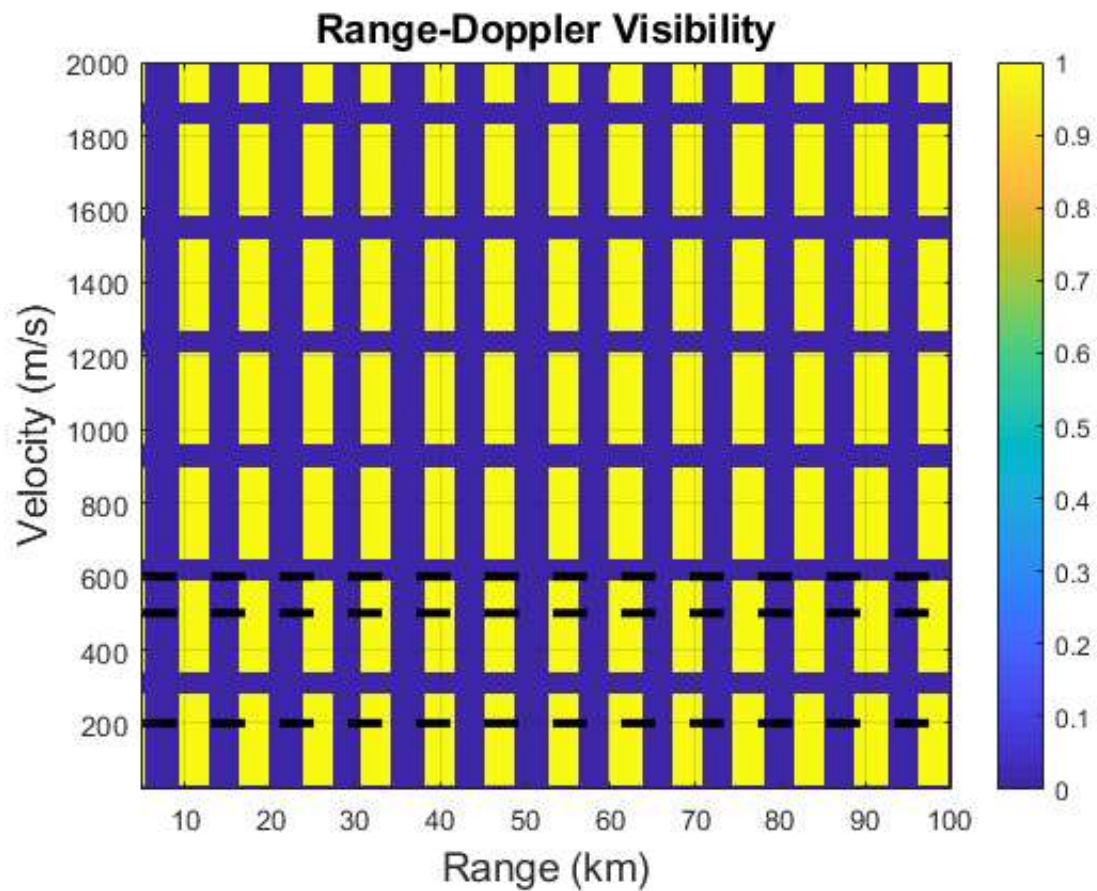
ans =

Figure (1) with properties:

Number: 1
Name: ''
Color: [0.9400 0.9400 0.9400]
Position: [680 546 560 420]
Units: 'pixels'

Use GET to show all properties

The targets traveling 200 m/s and 500 m/s are visible, but the target moving 600 m/s is not visible.



C-Band Plot

C-Band plot that you generated and tell me which targets are visible.

```
clc
openfig('Cband.fig')
fprintf('Targets traveling 200 m/s and 500 m/s are not visible. 600 m/s is visible.')
```

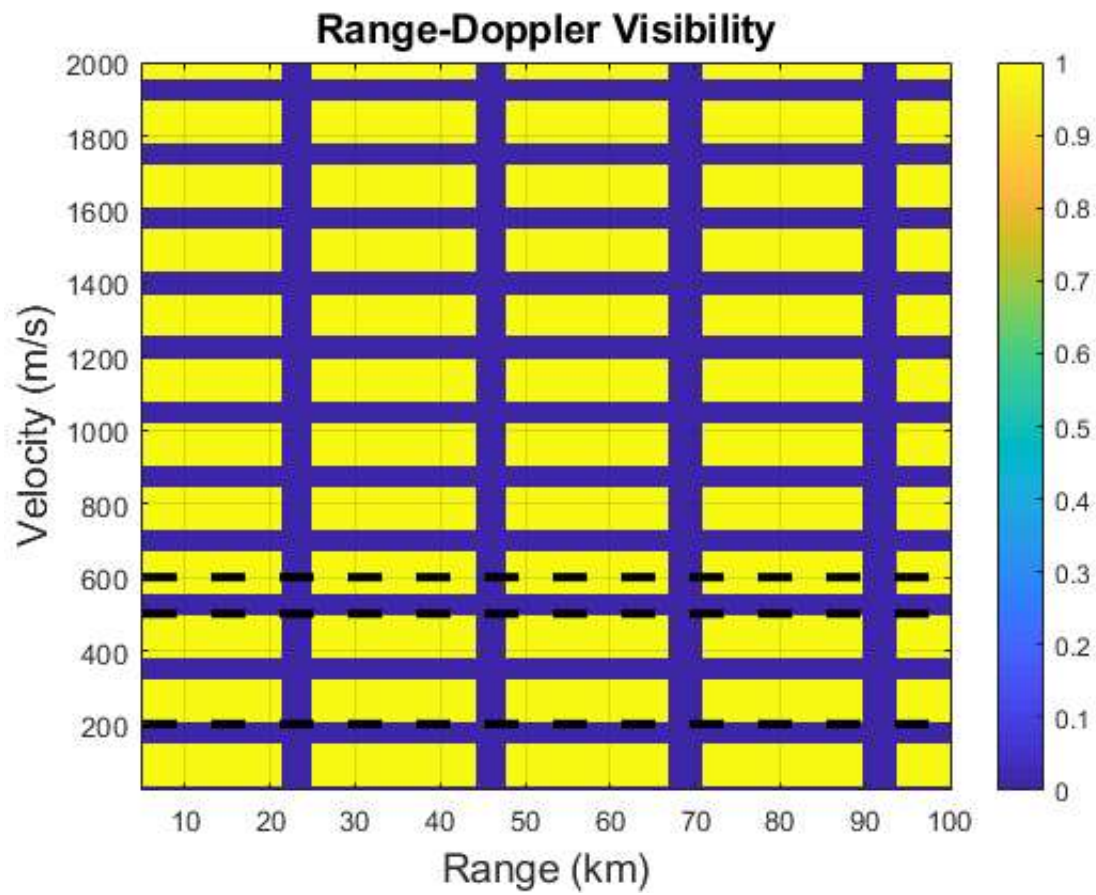
ans =

Figure (2) with properties:

```
Number: 2
Name: ''
Color: [0.9400 0.9400 0.9400]
Position: [680 546 560 420]
Units: 'pixels'
```

Use GET to show all properties

Targets traveling 200 m/s and 500 m/s are not visible. 600 m/s is visible.



Clutter Spread from 30 m/s to 10 m/s

```
clc
fprintf('\nAll targets, 200, 500, and 600 are visible')
```

All targets, 200, 500, and 600 are visible