

COMP9336 Mobile Data Networking

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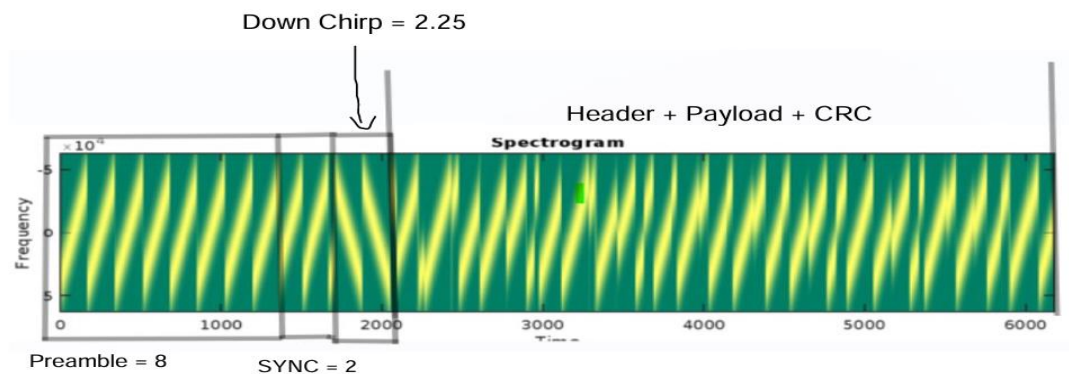
Task1:

I changed the message to 4336 in save_signal_to_file.m

```
symbols = phy.encode([4 3 3 6]');  
fprintf("[encode] symbols:\n");  
disp(symbols);
```

The symbol array:

```
>> save_signal_to_file  
[encode] symbols:  
29  
1  
97  
125  
37  
109  
1  
97  
43  
87  
107  
86  
99  
78  
92  
44  
83  
85  
44  
107  
86  
70  
91  
86
```



Task2:

```
>> load_signal_from_file
[demodulate] symbols:
    29
     1
    97
   125
    37
   109
     1
    97
    43
    87
   107
    86
    99
    78
    92
    44
    83
    85
    44
   107
    86
    70
    91
    86

[decode] data:
     4
     3
     3
     6
   161
   255

[decode] checksum:
   161
   255

>>
```