

Faculty of Engineering & Technology Electrical & Computer Engineering Department Wireless and Mobile Networks, ENCS5323

**Course Project** 

Online Calculator for Wireless and Mobile Networks

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#### **Home Page:**

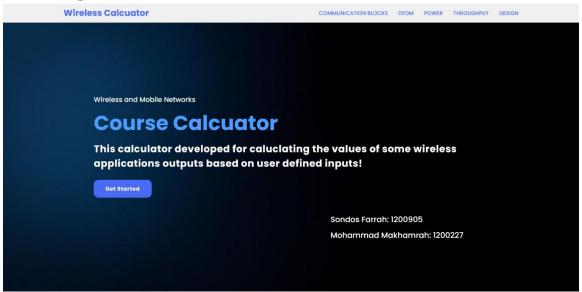


Figure 1: Home Page

This Project was implemented using HTML, CSS and JavaScript.

You can find the web page in this URL:

https://mohammadmakhamreh.github.io/WirelessCaluculator/

and the project source files in this GitHub link:

mohammadmakhamreh/WirelessCaluculator (github.com)

### 1. Communication Blocks Calculator

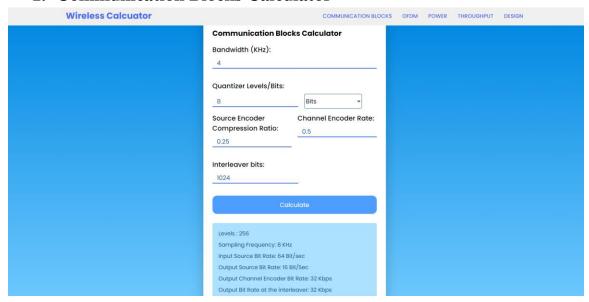


Figure 2: Test Case 1.1

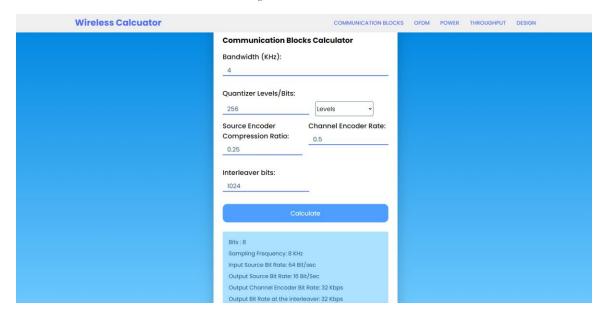


Figure 3: Test Case 1.2

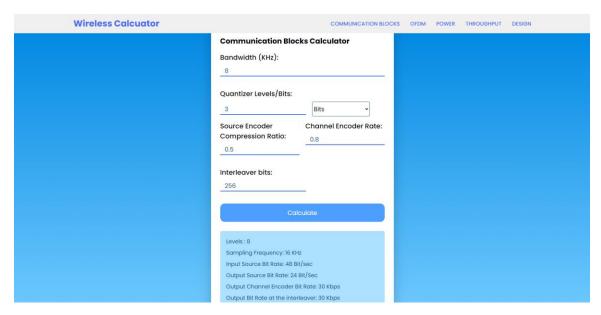


Figure 4: Test Case 1.3

#### 2. OFDM Calculator

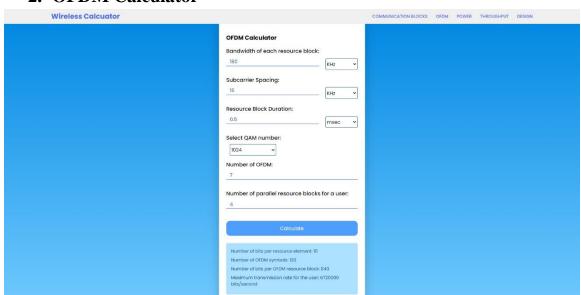


Figure 5: Test Case 2.1

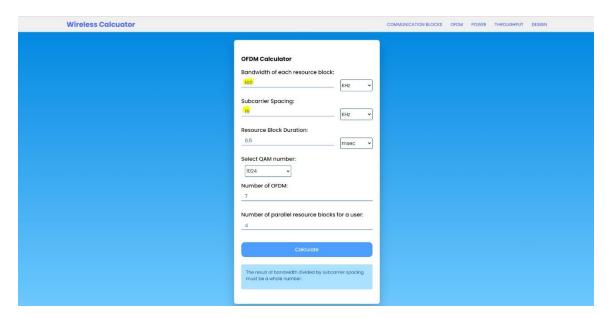


Figure 6: Test Case 2.2

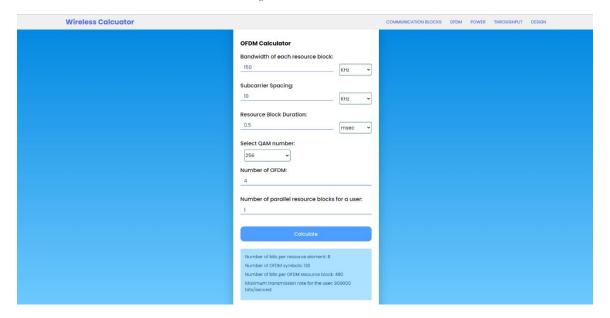


Figure 7: Test Case 2.3

### 3. Power Calculator

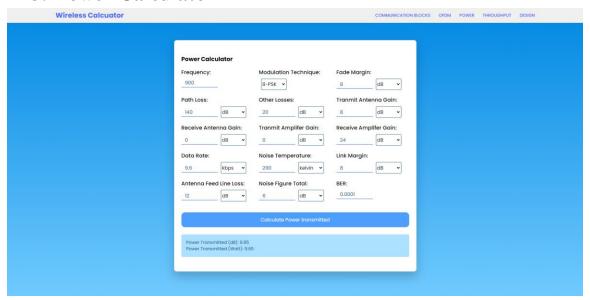


Figure 8: Test Case 3.1

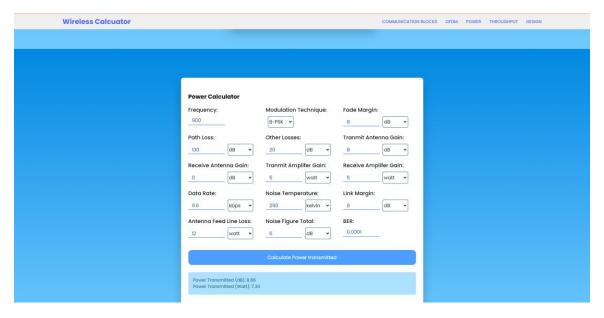


Figure 9: Test Case 3.2

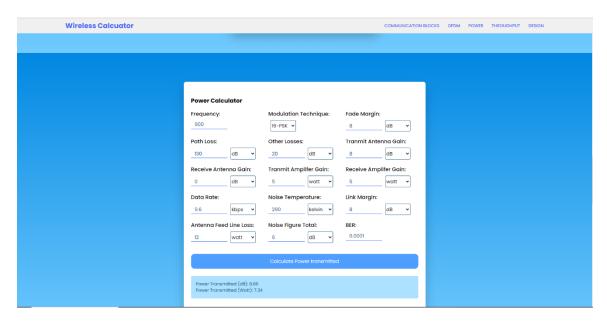


Figure 10: Test Case 3.3

## 4. Throughput Calculator

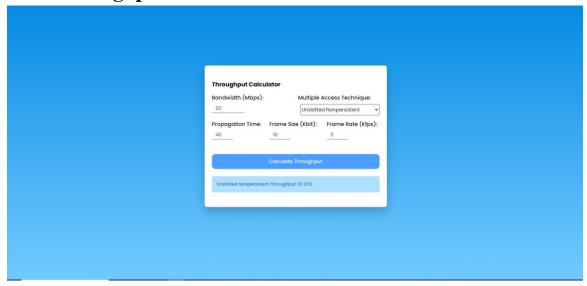


Figure 11: Test Case 4.1

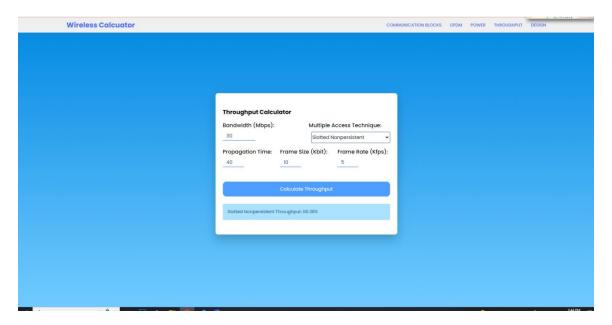


Figure 12: Test Case 4.2

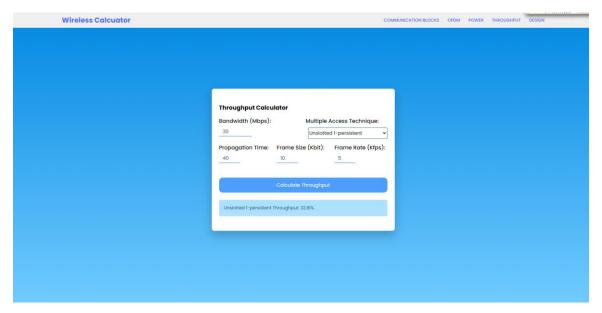


Figure 13: Test Case 4.3

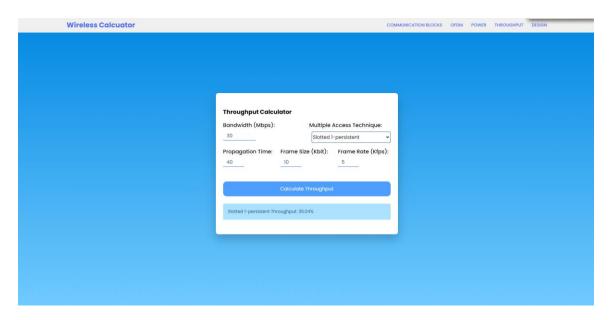


Figure 14: Test Case 4.4

# 5. Design Calculator

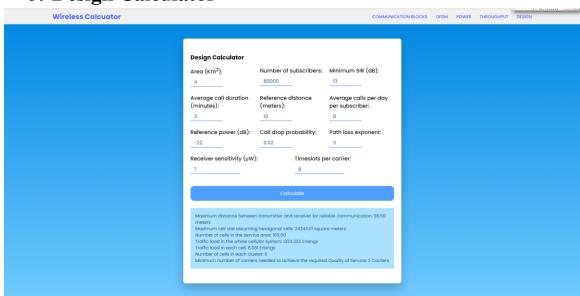


Figure 15: Test Case 5.1

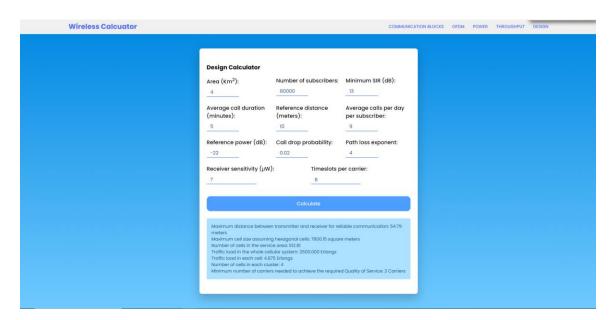


Figure 16: Test Case 5.2

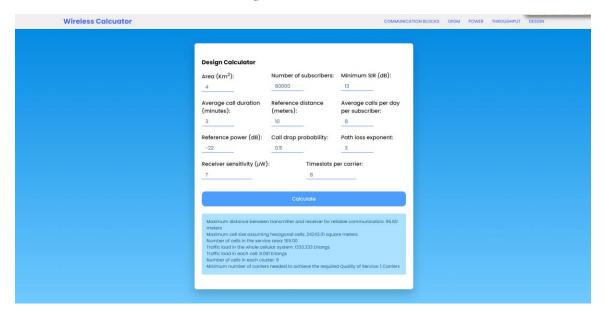


Figure 17: Test Case 5.3