

MIDTERM REPORT

1. TASK1:
2. TASK2:
3. Investigate a real OFDM based communication system by yourself and Make a report on its system architecture

Deadline: 2012/12/31

PS

All other Home Works Deadline is 12/31.

TASK1

- Make a Matlab program to measure Symbol Error Rate vs S/N ratio in 1K OFDM with QPSK modulation
- Make Symbol Error Rate vs SN ratio Graph
 - Vertical: SER in log scale
 - Horizontal: SN ratio 0dB, 1dB ... to 10dB

TASK2

- Modify MATLAB program “MatrixOFDM1.m” to measure Symbol Error Rate vs S/N ratio in M=16 OFDM with QPSK modulation
- Make Symbol Error Rate vs SN ratio Graph
 - Vertical: SER in log scale
 - Horizontal: SN ratio 0dB, 1dB ... to 15dB