

Exercise Lesson 5

Problems from the compendium:

2.26, 2.27 (only 2,3,4,7), 2.30 (bandwidth)

4.2, 4.17c, 4.19 (receivers)

Other problems:

5.1 Determine if the statement below is true or false:

”An OFDM system with $N = 16$ carriers and 16 QAM modulation per carrier can achieve a higher information bit rate than a conventional 64 QAM single-carrier system of the same bandwidth.”