



Al-Mustaqbal University / College of Technical Engineering

Department of Communications Technical Engineering)

Class(second)

Subject Analog communication Lab UOMU0207041

Lecturer (Ayat Ayad Hussein) (Ali Naji Radhi)

2nd term – (Demodulation)



Experiment No.2

Objective:

Understand communication theory, including Demodulation

Components

- 1- Analog Communication Trainer
- 2- Oscilloscope

Demodulation

Demodulation is a key process in the reception of any amplitude-modulated signals whether used for broadcast or two-way radio communication systems. Demodulation is the process by which the original information-bearing signal, i.e. the modulation is extracted from the incoming overall received signal.



Circuit diagram and its output:

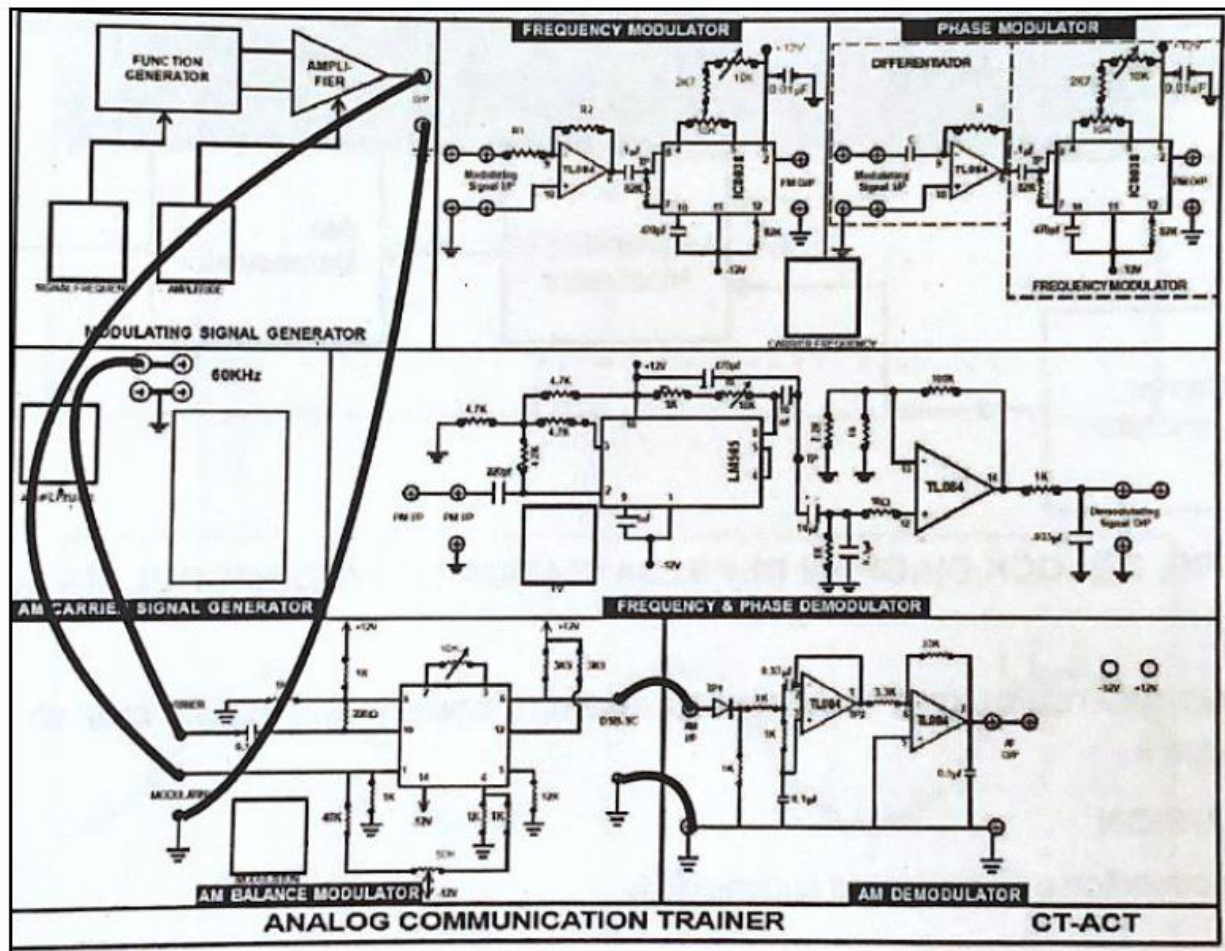


Figure . Connection diagram of Amplitude Demodulation.



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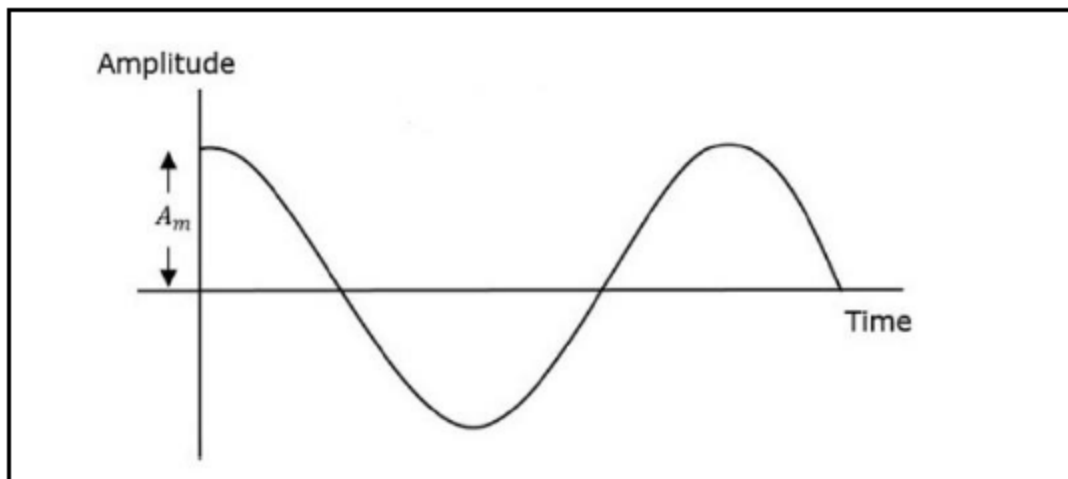
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Demodulation Output.