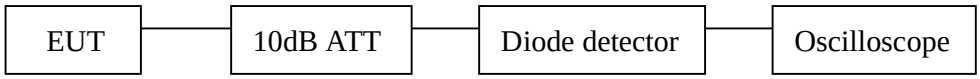
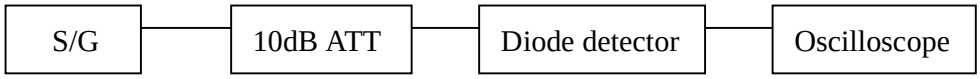
Power Output

1. Test Condition & Setup

A:



B:



1. The output of the transmitter via a 10dB attenuator and coupled to a diode detector.
2. The output of the diode detector connected to the vertical channel of an oscilloscope. The observed trace of the oscilloscope shall be recorded as “A”.
3. The transmitter replaced by a signal generator. The output frequency of the signal made equal to the center of the frequency range occupied by the transmitter and unmodulated.
4. The output of the signal generator raised to reach the peak of trace “A” named X.
5. The signal generator output level X(dBm) is the transmitter output peak power. Recording the following.

CH1: 17.14dBm
CH6: 16.85dBm
CH11: 16.75dBm