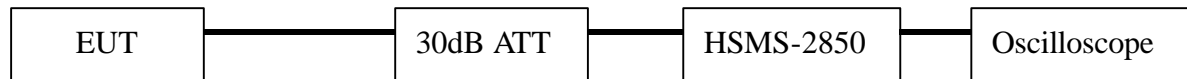


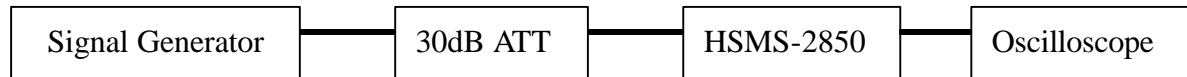
Test Setup for Conducting Peak Power

Test Procedure:

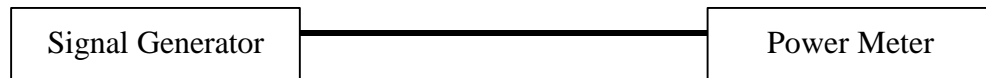
1.



2.



3.



1. The output of the transmitter through 30dB attenuator and terminated by Schottky Detector Diode (Hewlett- Packard HSMS-2850)
2. The output of the Schottky Diode Detector connected to the vertical channel of an oscilloscope. The observed trace of the oscilloscope shall be recorded as "A".
3. The combination of the diode detector and the oscilloscope capable of faithfully reproducing the envelope peaks and the duty cycle of the transmitter output signal.
4. 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.
5. The output of the signal generator raised to reach the peak of trace "A" and then replace the 30 db attenuator and Schottky Detector Diode by power meter, measure the signal generator output level record as x mW.
6. The signal generator output level XmW is the transmitter output peak power. Recording the following.

Test Data

Channel	Output peak power (mw)
CH1	6.35
CH6	6.59
CH11	6.01