Operation Description

The equipment under test (EUT) is a multi-function product and is power by AC 120 V. The EUT is a TFT LCD TV, Video input and Stereo Digital Tuner with AM/FM and Weather Band.

The brief circuit description is listed as follows:

- IC 301 (ET618), IC 204 (74HC4066), X 301 (32.768 KHz) and associated circuit acts as control Video, Tuner, Amplifier, and LCD Display.
- U 1 (T100A), U 3 (SM89516), Y 1 (27 MHz), Y 2 (27MHz) and associated circuit acts as TFT Display.
- IC 101 (SA2111), IC 102 (SC9257S), IC 103 (CD7358GS), X101 (4.5 MHz), CF101/ CF103 (10.7 MHz) and associated circuit acts RF/OSC/PLL/IF for AM/FM/WB radio.
- IC 201 (SC7314S), IC 202 (UTC8227) and associated circuit acts as Amplifier.
- The frequency of weather band is 162.4 MHz -------162.55MHz