

## Operation Description of AH081T

The EUT is a wireless audio transmitter operated at 912-914MHz, audio signal is fed into the L and R audio input jack located at the back of EUT.

The unit contains of de-compressor, voltage controller and UHF model.

Left and right audio signal received at aux input is sent to de-compressor for decompression at U1 and U2 respectively, it is then conducted pre-emphasis process at C16, C29, R16 and R21 to improve the signal to noise ratio. L and R audio signal after pre-emphasis process will be fed into the UHF module, in this model, L and R signal are coded and mixed in U1 (MCU), the mixed signal is then modulated with UHF carrier by VCO, and finally the UHF carrier is amplified by Q1, Q2 and sent out.