operational description regard to 40T
a.) the image figure will be captured by the CCD sensor
b.) the image sensor (CCD) will send the detected signal to image process device (OV7910)
c.) the audio signal will also be received by MIC then sent to LM386 to amplify the signal
d.) the video and audio signal will then be sent to resonating circuit to modulate the RF signal (FM modulation) directly
e.) the RF signal will be sent to patch antenna through the cable soldered on the PCB. A 6dB loss pad and matching circuit was added before the 2.4GHz RF signal sent to the connecting cable.

"The EUT is a 2.4GHz FM modulation device which modulates the video picture captured from the camera of EUT. Four manually selected channel is implemented in the EUT. The frequency band used is ISM band from 2.4GHz to 2.4835GHz. The receiver and transmitter (EUT) shall be selected in same channel to work properly. Patch antenna was used by the EUT. The angle of the antenna can be adjusted to get the better performance of the EUT."