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2.2 EUT Description and Operation

The Equipment Under Test (EUT) is the 3M™ Model 795 Digital Staff Workstation, Serial Number 7950002.

The 3M™ Model 795 Digital Staff Workstation is designed and tested for use in processing identification tags and barcodes. The workstation:

1. Reads item identification or barcode information from existing media and passes it to the library terminal connected to the library circulation system, and
2. Secures or unsecures 3M™ Tattle-Tape™ Strips in items as required.

The product has not been tested or proven safe for other uses.

The reader has a transmit frequency of 13.561 MHz. And a power output level of 0.400 watts (26 dBm).

The EUT has an integral antenna with an area of 62.69 square inches (0.041 square meters). The antenna is adhered to the back of the sense/desense coil cover of the EUT and is connected to the reader via a coax cable employing SMC connectors.

All tests were made using an input of 120 V RMS, 60 Hz, and single-phase power.