

Model 770 Operational Description

The Equipment Under Test (EUT) is the 3M™ Model 770 3M™ RFID Tracking Pad.

The 3M™ RFID Tracking Pad Model 770 is designed and tested for use with other equipment and software to read and/or program 3M™ RFID Tags. These tags are used to identify files, folders, and other items such as books. When used in conjunction with 3M software, the unit can track, monitor, and assist in locating various items equipped with 3M RFID Tags.

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

The reader has a transmit frequency of 13.56 MHz. And a power output level of 1.000 watts (30 dBm). The reader was set at 4 reads per second.

The EUT employs an antenna with an area of 36.00 square inches (0.023 square meters). The antenna is a separate self-contained unit that is connected to the reader via a 10-foot coax cable employing SMA connectors. The EUT can also have 2 – 20 foot extension cable connected depending on the installation configuration.

All tests were made with an input power of 120 VAC, 60 Hz.