

Fig. 6 - Detail of test system configured for calibration of the PXI-5670 and coupling network. Power sensor connects in place of the EUT. The companion device port is terminated with an additional 20dB attenuator and 30dB attenuator in tandem.



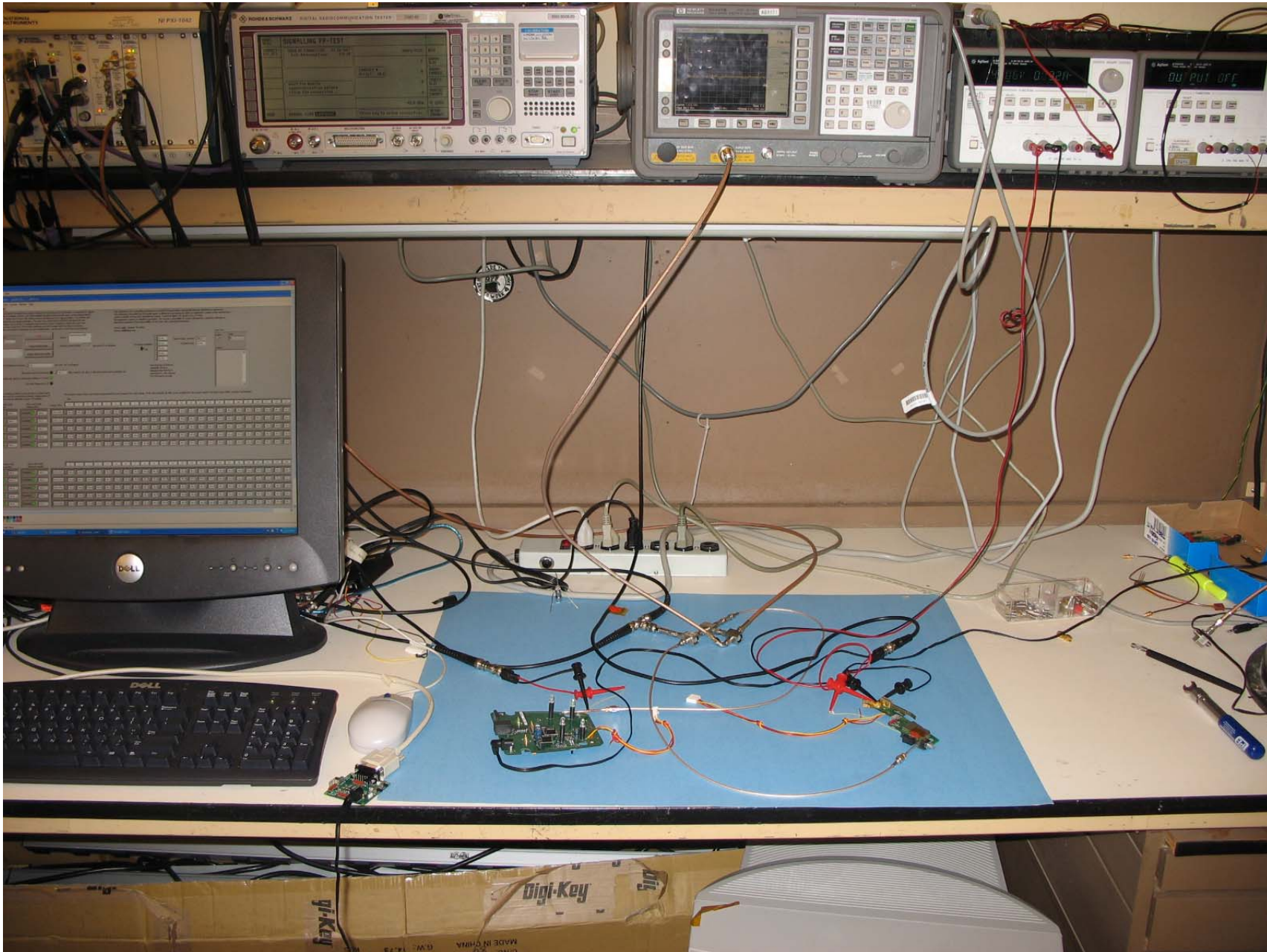


Fig. 7 - Test bench configured for calibration of the PXI-5670 and coupling network; general view.

### III) Tests of clause 6 performed by the manufacturer, for the CA12CD Base EUT

#### III-A. Clause 6.1 Emissions tests for the base EUT

For the tests of clause 6.1 of V3.3 (draft) C63.17-2005, the test platform and base EUT are configured according to test configuration #1, **Conducted emissions tests, base EUT**, of section (I) of this document. The base EUT is established in a communications channel with the headset companion device by means of a radiative-coupled connection, though the base EUT is in conducted connection to the spectrum analyzer, per figure 3 of v3.3 (draft) C63.17-2005 in clause 6.1.1. Administrative commands are used to set the base to the desired carrier for the test.

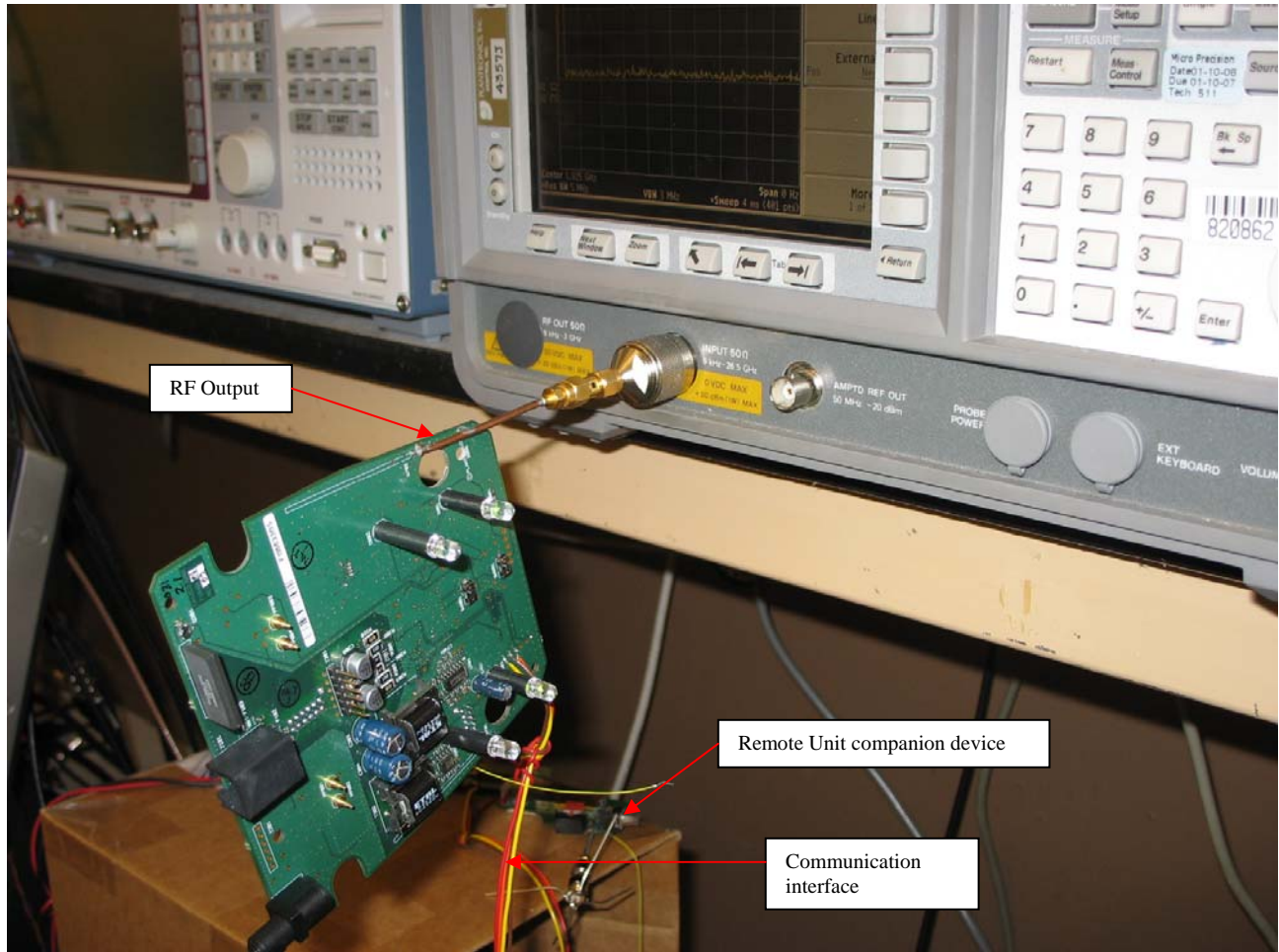


Fig. 8 - Base EUT conducted connection to spectrum analyzer for tests of clause 6.1, with labeled functions.



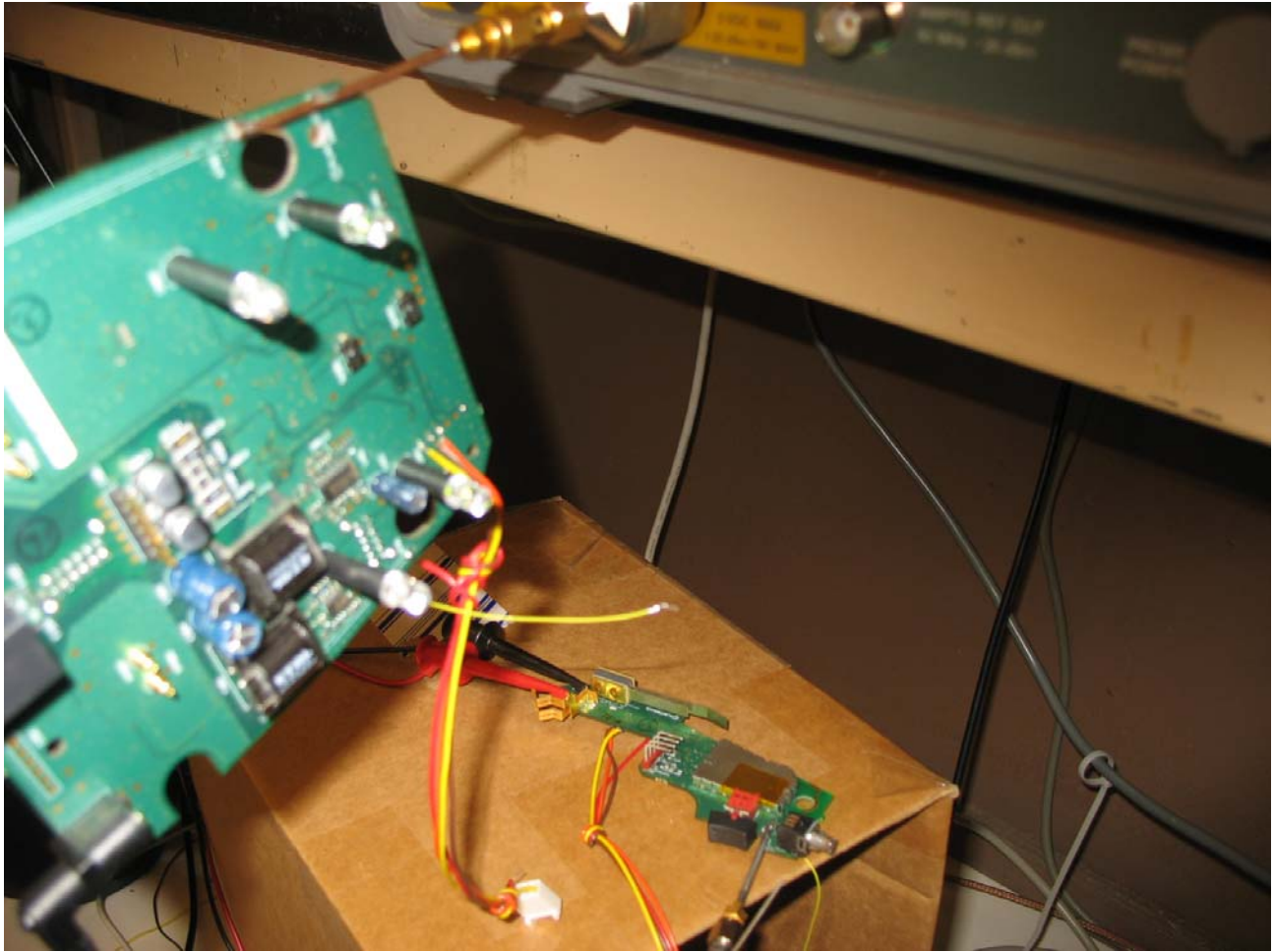


Fig. 9 - Detail of base EUT conducted connection, with companion device in the background. Base EUT and remote companion device have established a communications channel.



Fig. 41 - View of test system configured for the tests of clause 6.2.1 for the base EUT. EUT is in the temperature chamber at right. EUT power supply is top right-center. EUT RF cabling is connected as described in the text, to the CMD60 analyzer and the E4407B spectrum analyzer. The controller interface circuit (RS232 to CMOS levels) is directly outside the chamber egress.



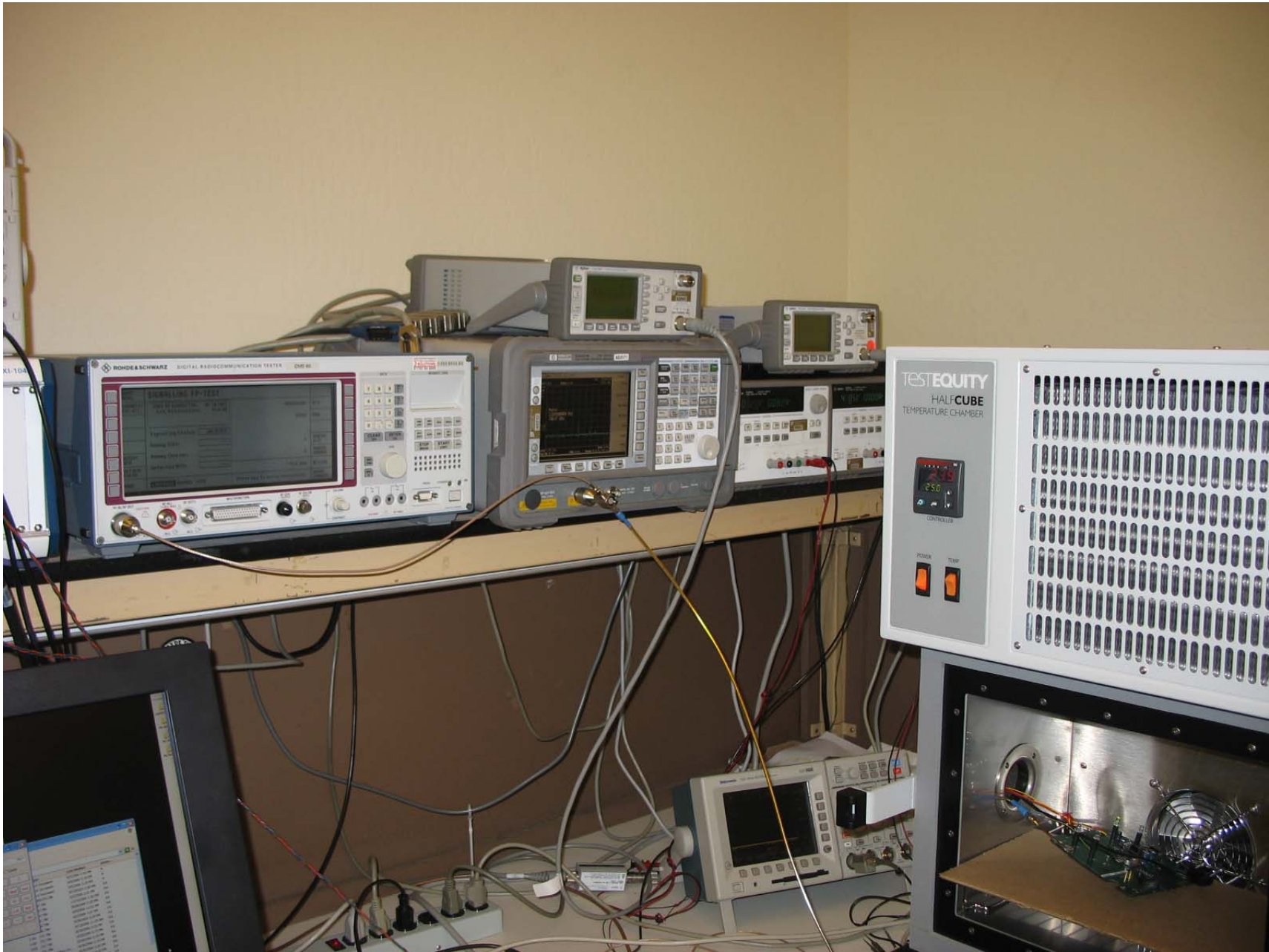


Fig. 42 - Detail of base EUT interconnection for the tests of clause 6.2.1.

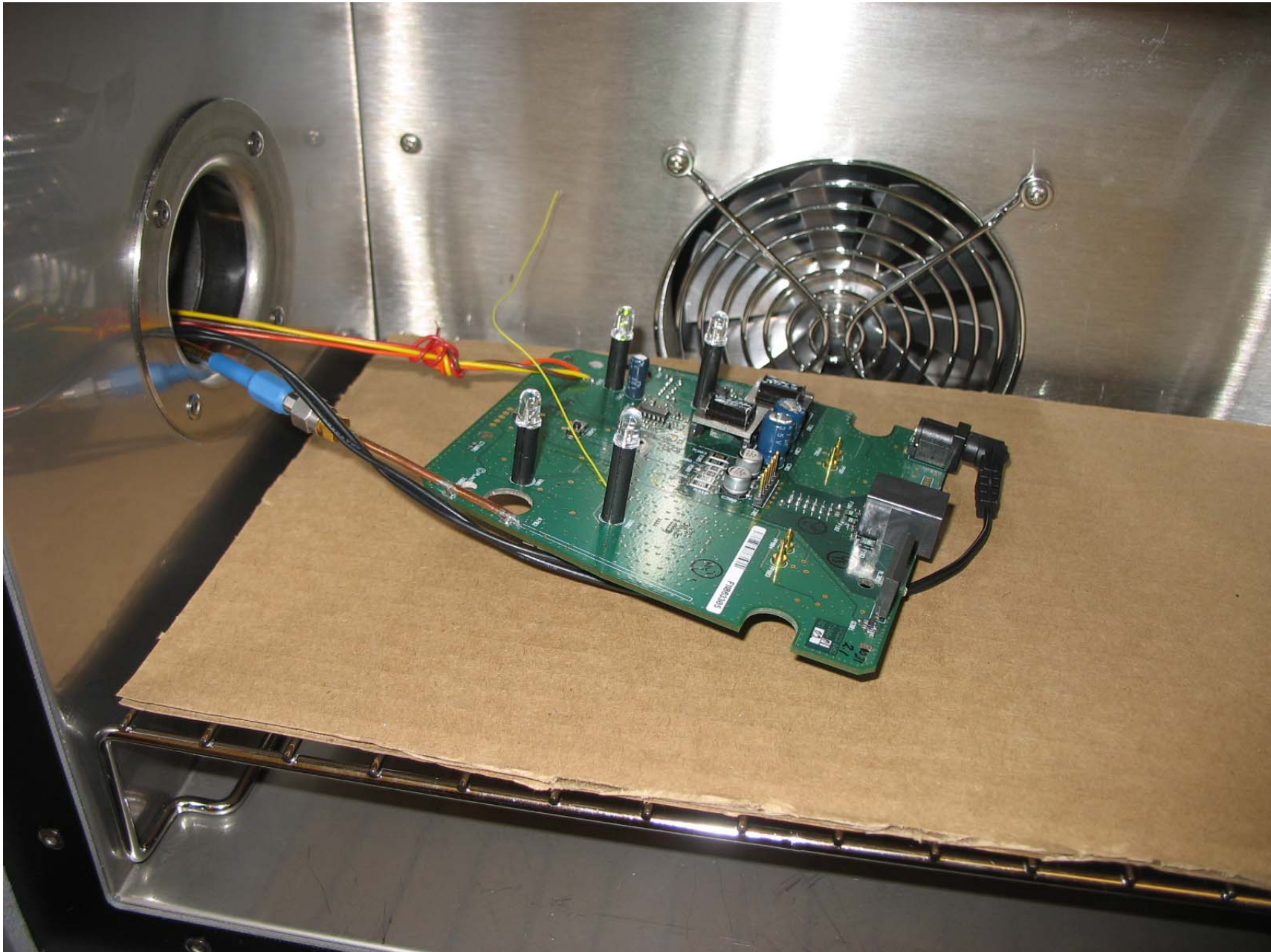


Fig. 43 - Interconnection between the base EUT and the test system; RF conducted connection, DC power supply, and control/communications bus for administrative commands