



**Answers to Kevin's Questions from TCB**

- Section 2 of the technical report, states the EUT has Ethernet and Control Pad Interconnect ports, no evidence is provided to indicate that cables and peripherals were attached to those ports, please clarify.

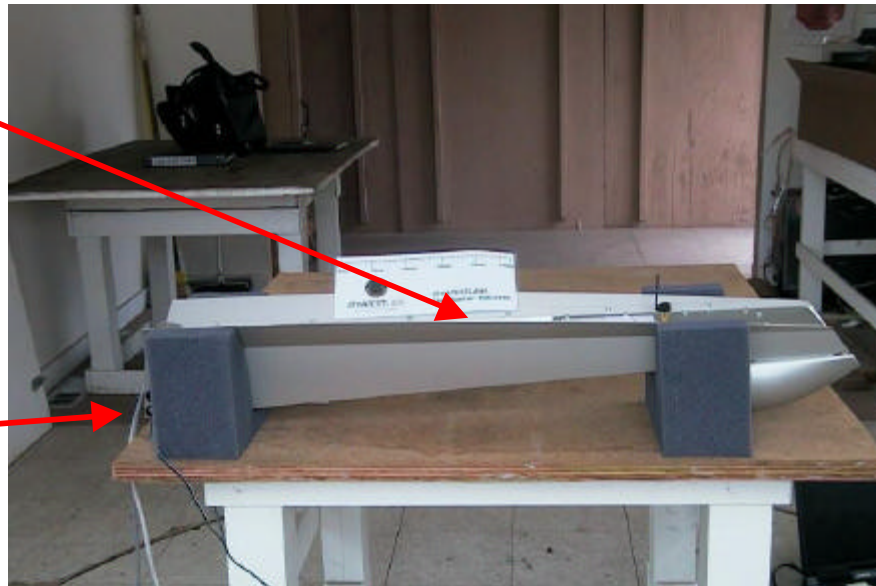
**Answer:**

Both ports were connected but were not shown clearly in the photograph. This is because the EUT was a U-Shape and all ports were located at the bottom of the U-shape. Thus the connectors were blocked from front view of the photograph, however, from the photo, the wires were clearly seen attached to the device.

Refer to this photograph –

Connectors  
were not  
shown  
because  
they were  
located at  
the bottom  
of U-Shape

Cables were  
connected  
to the ports



- The test equipment described in Annex A does not include a pre-amp or high pass filter. Please provide the additional test equipment used for the 1 - 25 GHz test

**Answer:**

HP 8349B Pre-amplifier, Serial Number: 2644A03234 (see equipment list in Annex A)

Com-Power PA-122, Serial number: 181910 (wasn't listed)



- There are no indications of Bandwidths used for the radiated emissions tests, please provide the resolution and video bandwidths used for each of the tests.

Bandwidth was set as, from 30MHz-1GHz, RBW 100kHz, VBW 100kHz, from 1GHz-25GHz, RBW 1MHz, VBW 1MHz. This was recorded in lab's result sheet but not specifically stated in the report since FCC compliant bandwidth was employed.

- ANSI C63.4, Section 6.1.6 specifies that the EUT shall be grounded in accordance with the individual equipment requirements and conditions of intended use. Annex B.iii. Photograph 3, shows a ground strap (braid) from the EUT to the reference plane. The information provided has no references that would require the EUT to be separately grounded.

The product was not connected to the ground during the testing. Refer to Photograph 2. The Photograph 3 shows a ground strap which was not connected to device and this was set up for pre-scan in the chamber only.

- 47 CFR, Section 15.31(m) requires 3 frequencies be measured, 1 near top, 1 near middle and 1 near bottom. Annex C of the technical report states that only the Low and Top channels were measured. Please provide test data for a channel near the middle of the band.

Low, Mid and High channels were investigated and worst case were reported.

- Spurious radiated emissions tests require the measurements be made with the EUT operating in a fixed channel mode, (not hopping); there is no discussion of how the EUT was actually operating for those tests. Provide details as to the mode of operation for each of the tests. Please include all associated details such as specific frequency and modulation type.

Information was not sufficiently provided from client at the time of issuance of report.

February 11, 2002

Leslie Bai  
Technical Manager