



April 18, 2001

American Telecommunications Certification Body Inc.
William Graff
6731 Whittier Ave,
McLean, VA 22101

Bill -

Thanks for getting back to us so promptly. In response to your questions:

1.) External photographs can never be held Confidential. Internal photographs can be held confidential only in very rare or unusual circumstances (i.e. protecting a unique manufacturing operation). Please justify how the photographs can be Confidential or change the Request for Confidentiality letter.

I will have BitRage update the letter to either provide justification or remove the internal photographs from the scope of the confidentiality agreement. Once I have these we will upload them to you.

2.) Page 12 of the test report specifies the RF power output was measured using broadband instrumentation. Please identify the meter and sensor.

Sorry - it appears that our equipment calibration list was not provided to you. We will upload that information to you for both applications, but here is the information:

Power Meter: Rohde & Schwarz NRVD
Power Sensor: Rohde & Schwarz NRV- Z51 (1uW- 100mW, DC- 18 GHz, 50ohm)

We actually measured the output power in two ways - the first used the power meter and the second used the spectrum analyzer and we added up the output power in each 1MHz band across the bandwidth of the signal. The results were within 1dB of each other so we used the power meter results.

3.) FYI: In the future, please do not make one MPE report to cover multiple products. This is confusing and slows down the review.

Duly noted.

4.) Page 1-3 of installation manual indicates maximum Pout can be +5.8 dBm. This would exceed maximum permitted power using +28dBi gain antenna, change MPE report and listing on Grant. Please address.

5.) Also see Page 2-2 of same document: Pout does not match

This power is referencing the power level for the digital signals and is not related to the rf output power. The rf output power is as detailed in the 731 and Table 2-1 of the installation manual

Sincerely,

Mark Briggs
Director Of Engineering