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Response to ATCB Question Dated September 10, 2003

1) The power level difference is a combination of a few things – first, as mentioned in the question, manufacturing variation is a factor. Second, the method of testing EIRP has changed from the time of the original Grant to the current permissive change submission. Currently the measurement is performed using the substitution method, which was not used for the original submission. Thirdly, the error of the measurement is also a factor. Combining these three factors can account for the 2.15 dBm (0.528 W) difference between the values.