



Retlif Testing Laboratories

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July 1, 2003

Elite Electronic Engineering, Inc.
1516 Centre Circle
Downers, Grove, IL 60515

Reference: Model 150PCS BI-directional amplifier Power Levels

Attn: Mr. Dan Crowder

Dear Dan,

The Certification Application for the 150pcs bi-directional amplifier contained test data for the RF Power Output test showing a maximum power output of 31.07dBm. This data was taken utilizing maximum input and gain at a single channel to show the maximum power output capability of the amplifier. The maximum power output rating of the amplifier requested for certification was 125mW because this power level is based on the intermodulation test (Maximum output level to achieve compliance with the -13dBm spurious emissions limit). In Retlif's engineering judgement the other test data contained within this application using the higher output power levels should also be considered valid when the amplifier is operating at the 125mW power level or lower because reducing the power output level will only have a positive impact on the test results not a negative impact.

If you should have any further questions regarding the referenced testing or require any additional information please feel free to contact me at 603-497-4600.

Sincerely,

RETLIF TESTING LABORATORIES

Scott Wentworth
NH Laboratory Manager