

# ROGERS LABS, INC.

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August 19, 2002

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FRN 0005-8335-12

Re: Confidentiality of schematics  
Equipment: Bidirectional Amplifier

FCC ID: PSB WLR-1900BE

Gentlemen:

The requested information for the intermodulation characteristics is presented below. Please proceed with the review.

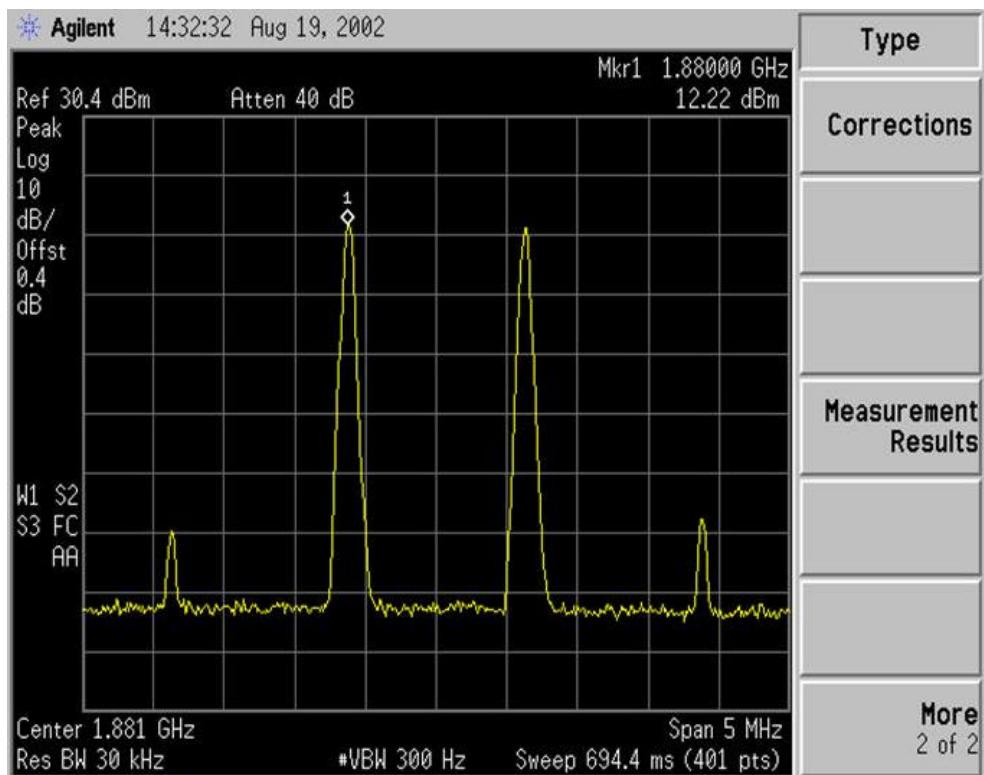
## *2.1047 Modulation Characteristics*

### Measurements Required:

The EUT is a bi-directional amplifier and has no provision to modulate the signals. The modulation is dictated by the CDMA protocol. The specifications of Paragraph 2.1047 and applicable parts of 22, and 24 are met.

### *Intermodulation Characteristics*

Three continuous wave signals were injected, in turn, to the uplink and downlink via a three-way power combiner. Two signals were close together and in the center of the band. The output of each signal generator was adjusted so that the three output fundamental frequencies were equal in magnitude. At the input power levels used all intermodulation products were at -45 dBm or below. Refer to figure below showing the intermodulation characteristics.



Should you require any further information, please contact the undersigned.

Thank you for your consideration in this matter.

Sincerely,

*Scot D Rogers*

Scot Rogers  
Rogers Labs, Inc.