



TiaLinx, Inc.

July 24, 2013

Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046

Subject: Exclusion from SAR Test

To Whom It May Concern,

This device, FCC ID: 2AAD6Eagle5N, is excluded from SAR testing by the following justification:

The maximum power that the transmitter IC is capable of is 0.0524807 mW. By using the following formula from section 4.3.1 of KDB 447498:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$

Using the maximum conducted power capable (-12.8dBm) and the minimum test separation (5 mm), the resulting calculated SAR value is:

$$(0.0524807 \text{ mW})/5 \text{ mm}) * (\sqrt{5.061 \text{ GHz}}) = 0.023$$

This value is below the exclusion threshold for both the 1-g SAR and 10-g extremity SAR requirements.

If you have any questions, please do not hesitate to contact me at 949-285-6255.

Sincerely,

A handwritten signature in black ink, appearing to read 'Fred Mohamadi', with a horizontal line extending to the right.

By: _____

Fred Mohamadi, Ph.D.
CEO

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