



Compliance Testing, LLC

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Date: November 2, 2010

Applicant: Spot, LLC
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Covington, LA 70433

Attention of: Christopher Robinson, Design Engineer
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Equipment: HUG
FCC ID: L2V-HUG
FCC Rules: Radio Frequency Radiation Exposure Limits 47 CFR 1.1307

RF Exposure Statement

1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

2. Measurement Result

1611.25 – 1618.75 MHz Satellite Transmitter

Threshold = $60/f$ GHz
 $60/1.61875 = 37.06$ mW

Source time based power = peak output power * duty cycle

The peak output power is .22.29 dBm (169 mW).

The device operates with a worst-case duty cycle of 2.88%.

The source time based power is 0.641 mW, which is below the threshold for $d < 2.5$ cm general population category.

The SAR/MPE measurement is not necessary.

2402 - 2480 MHz Wi-Fi Transmitter

Threshold = $60/f$ GHz
 $60/2.480 = 24.19$ mW

The peak output power is -2 dBm (1.58mW).

The peak output power is below the threshold, for $d < 2.5$ cm general population category.

The SAR/MPE measurement is not necessary.