



Date: September 10, 2009

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Equipment: Spot Transmitter 1.6 GHz
FCC ID: L2V-PT2
FCC Rules: Radio Frequency Radiation Exposure Limits 47 CFR 1.1307

RF Exposure Statement

1. Procedure

The following procedure was agreed upon in a teleconference with the FCC on December 2, 2008.

Portable devices operating under FCC Part 25 require routine SAR evaluation unless it can be shown that the output power of the device is below the applicable SAR limit. The SAR limit is 1.6mW/g and therefore if it can be shown that the output power is below this level the device will comply with the SAR limit without further evaluation and testing.

Per manufacturers operational description the device operates with a maximum duty cycle of 0.47%. Based on this duty cycle the source-based time-averaged power is calculated as follows:

Conducted: $481 \text{ mW} \times 0.47\% = 0.0023 \text{ mW}$
Radiated: $225 \text{ mW} \times 0.47\% = 0.00106 \text{ mW}$

2. Conclusion:

The calculations show that the SPOT 2 device complies with the SAR limits as specified in 2.1093 of the FCC Rules and Regulations as the source-based time-averaged output power is below 1.6mW per FCC guidance.