

From: GEORGE WHEELER

To: John Kennedy

Date: February 10, 2005

Subject:

FCC File # 0218-EX-PL-2004

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Message:

1. ☐ Please note that the maximum power allowed for DSRC under the Rules is 44.8 dBm EIRP, and Mark IV is proposing to use 46.92 dBm EIRP.

Response. Mark IV confirms that its maximum proposed EIRP power is 30w or the equivalent of 44.8 dBm. To be clear on this point we amend our application to show our proposed maximum power in ERP, in addition to EIRP, which is 18.5w ERP/30wEIRP.

2. ☐ What is the intended maximum antenna center line height for these experiments?

Response. Maximum centerline heights above ground level (in feet/meters) of our OBUs and of our RSUs are as follows: (a) OBUs height for light vehicles will not exceed 5" (less than 2m) above ground and for commercial vehicles, it will not exceed 10" (less than 3.5m) above ground, and (b) RSUs height will not exceed 19" (6 meters) above ground.

3. ☐ And the duration of each experiment?

Response. We estimate the maximum duration of our proposed field test operations at any installation, other than installations located at Mark IV's own laboratories, will have a duration of no more than 1 month.