

From: Paul Moller

To: Doug Young

Date: February 13, 2006

Subject:

Request for Info - File # 0019-EX-ML-2006

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Message:

dyoung@fcc.gov wrote:

As I understand it, the purpose of the modification is to add an antenna with a smaller vertical dimension than the one already authorized. Both antennas show output powers of 20 W and ERPs of 20.4 kW. In other words, the relevant technical parameters are identical. Is this correct?

pmoller@itccom.net wrote:

Yes that is exactly correct.

We would like to add the new 13x18 antenna to the experimental license. The performance of the new antenna is electrically equivalent in azimuth and thus will be equivalent as regarding adjacent satellite performance. Further, we intend to reduce transmit power and/or power spectral density such that our off-axis emissions are equivalent to a compliant antenna.

Thanks for your support.