



Exhibit 7 Reason for TPO Change

2/4/2005

With this application, Refuge Media Group (RMG) reports a change in TPO to 1.75 kW due to the installation of a Band Pass Filter (0.18dB insertion loss) and a 5-foot jumper. The Filter and jumper were installed 2/3/2005. **The ERP remains at the authorized level of 2.85 kW.** RMG is now running program test operations at full power pursuant to Section 73.1620(a)(1).

TPO is calculated as follows:

The main cable used is 270 feet of Andrew HJ7-50A 1-5/8"
The jumper cable is 15 feet of Andrew LDF5-50A 7/8".

$$\text{ERP} = 2.85 \text{ kW}$$

$$\begin{array}{ll} \text{Antenna Gain} = 1.97 & \text{Filter Insertion gain} = 0.959 \\ \text{Main Cable gain} = 0.884 & \text{Jumper Cable gain} = 0.988 \end{array}$$

$$\text{Total power gain of system} = 1.97 * 0.959 * 0.884 * 0.988 = 1.65$$

$$\text{TPO} = \text{ERP} / \text{Total power gain} = 1.73$$

Rounding to nearest .05 pursuant to Section 73.212, the value we put down in item 3 is:

$$\text{TPO} = 1.75 \text{ kW}$$

Transmitter is rated for 2.00 kW, therefore the operating transmitter power output produces the authorized effective radiated power.

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