

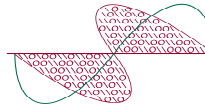
Table 1

**Antenna / Line System Gains and Losses**

prepared for

**VPM Media Corporation**

WBBT-FM Powhatan, VA



**Chesapeake RF Consultants, LLC**

Radiofrequency Consulting Engineers  
Digital Television and Radio

Auxiliary Antenna Construction Permit File Number: 0000212907

**Authorized Effective Radiated Power: 0.19 kW**

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**Antenna System**

Nicom BKG-77, 2 bays

Power Gain: 0.90

**Antenna Input Power: 0.211 kW**

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**Line and Other Losses**

Transmission Line Efficiency: 68.3%  
Andrew HJ7-50A, length 785 ft

Other Losses

--- None ---

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**Transmitter Power Output: 0.309 kW**

**Rounded per §73.212: 0.31 kW**