

**The Curators of the University of Missouri**  
KOMU-TV, Columbia, MO  
Facility ID 65583  
Ch. 27 1000 kW 266 m HAAT

<b>Proposed Effective Radiated Power (H-Pol):</b>	1000.00 kW	<b>30.000 dBk</b>
<b>Proposed Effective Radiated Power (V-Pol):</b>	350.00 kW	<b>25.441 dBk</b>

---

**Antenna System**

Dielectric TFU-24ETT/VP-R O6

Max Power Gain(H-pol):	17.41	12.408 dB
Max Power Gain(V-pol):	6.09	7.846 dB
<b>Antenna Input Power:</b>	57.44 kW	<b>17.592 dBk</b>

---

**Line and Other Losses**

820 feet, Dielectric 7-3/16" Rigid line	Loss:	0.800 dB
---	-------	----------

<b>Total Loss:</b>	0.800 dB
--------------------	----------

---

<b><u>Transmitter Post-Mask Power Output:</u></b>	<b>69.056 kW</b>	<b>18.392 dBk</b>
---	------------------	-------------------

