

Exhibit 7 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared March, 2013 for
Sunflower Broadcasting, Inc.
KBSL-DT Goodland, Kansas
Facility ID 66416
Ch. 10 84.2 kW 274.4 m

Proposed Effective Radiated Power:	84.2 kW	19.25 dBk
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Antenna System

Dielectric TLS-V12	Max Power Gain:	12	10.79 dB
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Antenna Input Power:	7.0 kW	8.46 dBk
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Line and Other Losses

900 Feet, 6 1/8", 75Ω Rigid Coax	Efficiency:	87.70%	
	Loss:		0.57 dB

Total Efficiency:	87.70%	
Total Loss:		0.57 dB

<u>Transmitter Power Output:</u>	8.0 kW	9.03 dBk
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