

Exhibit 7 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared May 2018 for
Milwaukee Board of School Directors
WYMS(FM) Milwaukee, WI
Facility ID 42669
Chan 205A 0.34 kW 63.2m

Proposed Effective Radiated Power:	0.340 kW	-4.69 dBk
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Antenna System

Shively 6822-1

Max Power Gain:	0.455	-3.42 dB
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Antenna Input Power:	0.746 kW	-1.27 dBk
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Line and Other Losses

225 feet, Andrew LDF5-5-A 7/8" foam-dielectric cable at 0.34 dB/100 feet	Loss:	0.77 dB
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Shively 2930 Combiner with 3 Cavities P/N 2930-2/3-06-FB	Loss:	0.75 dB
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Total Loss:	1.52 dB
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<u>Transmitter Power Output:</u>	1.05 kW	0.25 dBk
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