

Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared October 2019 for
RONDARADIO
WRLR-LP Round Lake Beach, IL
Facility ID 125575
Chan 252L1 0.016 kW 74 m

Proposed Effective Radiated Power:	0.016 kW	-17.96 dBk
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Antenna System

SWR FM1/2

Max Power Gain:	0.959	-0.18 dB
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Antenna Input Power:	0.017 kW	-17.78 dBk
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Line and Other Losses

300 feet, Andrew LDF4-50A 1/2" foam-dielectric cable at 0.655 dB/100 feet	Loss:	1.97 dB
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No other Lossess	Loss:	0.00 dB
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Total Loss:	1.97 dB
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<u>Transmitter Power Output:</u>	0.026 kW	-15.81 dBk
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