

Exhibit 12 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared May 2019 for
Eagle Communications, Inc.
K298DA St. Joseph, MO
Facility ID 202774
Chan 298D 0.25 kW 148 m AGL

Proposed Effective Radiated Power:	0.230 kW	-6.38 dBk
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Antenna System

Scala 2xCA2-FM/CP/CV

Max Power Gain:	0.602	-2.20 dB
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Antenna Input Power:	0.382 kW	-4.18 dBk
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Line and Other Losses

505 feet, RFS LCF78-50JA	Loss:	1.80 dB
7/8" air-dielectric cable at 0.357 dB/100 feet		

12 feet, RFS LCF12-50JFN	Loss:	0.08 dB
1/2" foam dielectric cable at 0.682 dB/100 feet		

Shively 2916-4 Bandpass Filter	Loss:	1.00 dB
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Total Loss:	2.88 dB
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<u>Transmitter Power Output:</u>	0.741 kW	-1.30 dBk
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