

Exhibit 7 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared November 2011 for
Craven Community College
WTEB(FM) New Bern, North Carolina
Facility ID 14356
Ch. 207C1 100 kW 147 m

Proposed Effective Radiated Power:	100.00 kW	20.00 dBk
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Antenna System

Jampro JHPC-8R

Max Power Gain:	4.30	6.33 dB
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Antenna Input Power:	23.28 kW	13.67 dBk
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Line and Other Losses

476 Feet, 4-Inch Andrew HJ11-50 Coaxial Cable	Loss:	0.51 dB
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20 Feet, 3 1/8-Inch Rigid Coaxial Cable	Loss:	0.02 dB
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Total Loss:	0.53 dB
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<u>Transmitter Power Output:</u>	26.30 kW	14.20 dBk
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